LEANNE WILLIAMS, PhD
Psychiatry and Behavioral Sciences, Stanford School of Medicine
—
VA Palo Alto, Sierra-Pacific (VISN21) MIRECC

EDUCATION

1987	BA, Clinical Psychology University of Queensland, Australia
1990	BA, Psychology Honors year (Class I) University of New England, Australia
1996	PhD, Cognitive Neuroscience, conferred by University of New England PhD undertaken at Oxford University, on a British Council scholarship. Dissertation title: "The construct of schizophrenia: A continuum perspective"

ACADEMIC APPOINTMENTS

Jun 9, 2022 - present	Vincent V.C. Woo Professor, Psychiatry and Behavioral Sciences and, by courtesy, Psychology, Stanford University
May 2013 - Jun 2022	Professor, Psychiatry and Behavioral Sciences, Stanford University School of Medicine and, by courtesy, Psychology, Stanford School of Humanities and Sciences
Feb 2013 - Apr 2013	Acting Professor, Psychiatry and Behavioral Sciences Stanford University School of Medicine
Aug 2012 - present	Director of Precision Medicine Core, Sierra-Pacific (VISN21) Mental Illness Research Education and Clinical Center (MIRECC), Veterans Administration, Palo Alto
Aug 2012 - present	Director of Education, Sierra-Pacific (VISN21) MIRECC, Veterans Administration, Palo Alto
Apr 2011 - Jan 2013	Visiting Professor, Psychiatry and Behavioral Sciences Stanford University School of Medicine
Jan 2007 - Jan 2013	Foundation Professor of Cognitive Neuropsychiatry University of Sydney Medical School, Sydney, Australia
Sep 2004 - Dec 2006	Associate Professor (by Dean's appointment) (tenured) University of Sydney Medical School, Sydney, Australia
Jan 2002 - Sep 2004	Associate Professor, Psychology (tenured) University of Sydney, Sydney, Australia
Sep 1999 - Dec 2001	Senior Lecturer, Psychology (tenured) University of Sydney, Sydney, Australia
Jan 1998 - Sep 1999	Senior Lecturer, Psychology (contract) University of New England, Armidale, Australia
Jun 1998 - Dec 1998	Visiting Senior Lecturer Institute of Psychiatry, London UK

RESEARCH LEADERSHIP

Sep 2018 - present	Associate Chair, Translational Neuroscience, Department of Psychiatry and Behavioral Neurosciences, Stanford University School of Medicine
Mar 2018 - present	Founding Director of the Stanford Center for Precision Mental Health and Wellness (PMHW)
Sep 2016 - Aug 2018	Associate Chair, Research Strategy, Department of Psychiatry and Behavioral Neurosciences, Stanford University School of Medicine
Sep 2015 - Aug 2018	Chair of Steering Committee for the Major Laboratories and Clinical Translational Neurosciences Incubator, Department of Psychiatry and Behavioral Neurosciences, Stanford University School of Medicine
Feb 2013 - present	Director, Personalized and Translational Neuroscience Laboratory (PanLab), Department of Psychiatry and Behavioral Neurosciences, Stanford University School of Medicine
Jan 2002 - Feb 2013	Director, Brain Dynamics Center Westmead Millennium Institute for Medical Research and University of Sydney Medical School

INTERNATIONAL LEADERSHIP & SCIENTIFIC COMMISSIONS

2026 - present	Convening Commissioner, Precision Mental Health Commission (*Nature Mental Health* international task force)

LEADERSHIP IN PROFESSIONAL SOCIETIES

June 2023 – June 2026	Councilor-at-Large, Society of Biological Psychiatry
2021	Program Committee Chair, Society of Biological Psychiatry

LEADERSHIP IN PARTNERSHIPS

Dec 2021 – present	As Director of the Stanford Center for Precision Mental Health and Wellness (PMHW), I established the first industry affiliates program in psychiatry, focused on the themes of precision therapeutics and precision mental health in the workplace.

UNIVERSITY LEADERSHIP ACADEMY

2016 - 2017	Selected for the intensive Stanford School of Medicine Leadership Academy. 18-month program with 14 fellow faculty. Completed a special initiative project, executive coaching, monthly leadership workshops and bi-annual School of Medicine retreats.

HONORS AND AWARDS

2026	The Gold Medal Award of the Society of Biological Psychiatry (SOBP)
2025	The Perry Award (In memory of Samuel Wesley Perry III, MD), Weill Cornell Medicine
2023	Educator Award of the Society of Biological Psychiatry (SOBP)
2023	Chairman's Senior Faculty Mentor Award, Stanford School of Medicine
2022	George Thompson Award of the Society of Biological Psychiatry (SOBP) to the SOBP Women's Leadership Group
2022/23/24/25	Best Female Scientist Award, for research.com world ranking in top 1,000 of all female scientist across disciplines based on impact factor

2016	Chairman's Award for Advanced Contributions to Science, Stanford School of Medicine
2012	Ernst Strüngmann Award: “Schizophrenia evolution and synthesis”
2008	Presidential Award, US Society for Psychosomatic Medicine
2005	Pfizer Foundation Senior Research Fellowship ($1M, internationally competitive award for “high-risk/high-reward” biomedical research; 1 or 2 awarded nationally per year)
2003	Australian Museum Eureka Prize for Science Prize
2001	Young Investigator Award, International Schizophrenia Congress
2000	Senior Scientist Award for 10th Biennial Winter Workshop on Schizophrenia
1998	Wellcome Trust-Ramaciotti Research Award for advanced study, London Institute of Psychiatry
1991	British Council Postgraduate scholarship Award for PhD study at Oxford University, UK
1990	Australian Postgraduate Research Award, a federal scholarship awarded to Honors program graduates who are ranked nationally in the top 1% of applicants for graduate study
1989	Australian Psychological Society (APS) Prize for the most outstanding Honors year research dissertation. "Honors" is a 1-year post-bachelor’s degree program comprising 60% independent research. The prize is awarded as equivalent to summa cum laude.

EDUCATIONAL DISSEMINATION

As Director of PTSD Education and Dissemination, MIRECC:

Feb 9, 2022	VISN 21 MIRECC presentation titled “Precision Medicine for Mental Disorders”
Nov 4, 2021	VA MIRECC webinar “Implementation Science and Precision Approaches in Mental Health”, disseminated to VA and Stanford trainees and clinicians
Sep 17, 2020	VISN 21 MIRECC External Advisory Panel presentation “Precision Medicine and Clinical Translational Activities”
Aug 27, 2020	VA MIRECC webinar “Managing Dementia Risk Factors During a Pandemic: Challenges and Opportunities for Research”
Feb 27, 2020	VA MIRECC webinar “Using neurocognitive tools to identify and modulate treatment targets in PTSD, anxiety, and related disorders” – with guest speaker Dr. Jessica Bomyea, VA San Diego Center of Excellence for Stress and Mental Health, supported by the Stanford Center for Precision Mental Health and Wellness
Dec 2015	VA MIRECC webinar “PTSD Updates” – disseminated to VA and to Stanford trainees and clinicians
Nov 2014	VA MIRECC webinar “PTSD Updates” – disseminated to VA and to Stanford trainees and clinicians

TEACHING AND MENTORING

Postdoctoral Teaching, MIRECC

May 1, 2024	MIRT Fellowship VTEL - Self-promotion and networking in academic medicine: Barriers, incentives, and strategies
May 17, 2023	MIRT Fellowship VTEL - Precision Neuroscience Approach to Psychiatry Research
Nov 4, 2021	(National) VA CE/CME-accredited webinar: “Precision Medicine and Implementation Science in Mental Health”
Jun 16, 2021	(National) VA Advanced Fellowship program in Mental Illness Research and Treatment (MIRT) V-TEL presentation: “The NIH RDoC Approach”

Jun 17, 2020	(National) VA Advanced Fellowship program in MIRECC V-TEL presentation: "The NIH RDoC Approach"
Jun 19, 2019	(National) VA Advanced Fellowship program in MIRECC V-TEL presentation: "NIH Research Domain Criteria"
May 2015	MIRECC educational presentation: "New Directions in Education: Research Domain Criteria, RDoC"
Jan 2015	Geriatric Psychiatry Fellowship program, individual guest lecture, as part of the fellowship program, on "Personalized Neuroscience approaches to cognitive and emotional function across the lifespan"
Jun 2014	(National) VA MIRECC Fellowship Program. Guest lecture - "Rapidly Translating Biomarkers into Mental Health Clinical Practice"

Postdoctoral Teaching, Stanford University

Jun 2023	Didactic presentation to neuropsychiatry fellows: "Precision Mental Health" (June 26)
Apr 2022	Didactic presentation to T32 training fellows in Adult Psychiatry: "Cross-cutting research themes: Environment, comorbidities, translation and computation" (April 4)
Mar 2019	Didactic presentation to T32 training fellows in Adult Psychiatry: "RDoC and Precision Psychiatry: Developing a brain-based taxonomy for mental disorder" (March 14)
Aug 2016	Guest mentor to lead a discussion on "Career development and professional topics" for the child psychiatry (Reiss) T32 fellowship program
Jan 2016	Didactic presentation to T32 training fellows in Adult Psychiatry: "RDoC and Precision Psychiatry: Developing a brain-based taxonomy for mental disorder"

Resident Fellow Teaching

2024	Co-course director: "Neuroscience-informed precision psychiatry", 10-week course, winter quarter
2023	Co-course director: "Neuroscience-informed precision psychiatry", 10-week course, winter quarter
2022	Co-course director: "Neuroscience-informed precision psychiatry", 10-week course, winter quarter
2021	Co-course director: "Neuroscience-informed precision psychiatry", lecturer for the course on March 7 and 21
2017 - 2020	Precision Psychiatry Weekly Seminar and Case conference series, Residency Training Program with PGY3 residents, Department of Psychiatry & Behavioral Sciences, Stanford University
2019	PGY4 Residents. "Neuroscience-informed precision psychiatry" (March 7 and 21)
2018	Didactic presentations on neuroscience-informed precision psychiatry to PGY4 Neuropsychiatry Fellows (October 8 and 22)
2017 (weekly)	Weekly case series and neuroscience-informed precision psychiatry teaching sessions for residents in Psychiatry Continuity Clinic

Career Development Educational Activities

Nov 2025	SURGE-C: Starting Up Your Research Group – Clinical, lecture in the session "Scoping/choosing good projects/opportunities"
Feb 2023	SURGE: Starting Up Your Research Group, lecture in the session 'The Research Enterprise: Collaborations, Building Visibility and Tips for Success', Stanford
Apr 2019-2020	RDoC "Bootcamp" for Psychiatry Career Development Institute, Stanford University
Aug 2017	K-to-R program (PI, Hong): "Transition from K to R-series research"
Mar 2015	RDoC "Bootcamp" for Psychiatry Career Development Institute, Stanford University
Dec 2014	"NIMH Research Domain Criteria (RDoC) Bootcamp" for faculty and trainees, Stanford Department of Psychiatry and Behavioral Sciences

Graduate Teaching, Stanford University

2021	Neuroscience Program First-Year Student Faculty Talk (December 1)
2021 - 2022	Academic Advisor for Luke Pistol, Neuroscience master's Student, Independent Studies, NEPR 399 Graduate Research
2020	NeuroTech Training Seminar (November 11)
2020	Neuroscience Program First-Year Student Faculty Talk (October 14)

Undergraduate Teaching, Stanford University

2020 - 2022	Academic Advisor for Funmi Solano, Biomedical Computation (BMC) program
2019 - 2020	AI for Healthcare bootcamp run by Stanford Machine Learning. Four of the mentored students collaborated on a publication in JAMA Network: Rajpurkar P, Yang J, Dass N, Vale V, et al (2020). Evaluation of a Machine Learning Model Based on Pretreatment Symptoms and Electroencephalographic Features to Predict Outcomes of Antidepressant Treatment in Adults With Depression – A Prespecified Secondary Analysis of a Randomized Clinical Trial. JAMA Network Open, 3(6):e206653. PMID: 32568399 PMCID: PMC7309440 doi:10.1001/jamanetworkopen.2020.6653

Courses and Lectures

Feb 11, 2026	PSYCH 234: Topics in Depression
Feb 19, 2025	ANES 215: Guest Lecture on fMRI technology for 2025 Winter Med Scholars Course
Feb 1, 2024	PSYCH 234: Topics in Depression
Feb 14, 2023	PSYCH 234: Topics in Depression
Feb 9, 2022	PSYCH 234: Topics in Depression
Apr 1, 2020	Teaching for Stanford School of Medicine (organized by Rania Sanford) "Navigating team science: Do's and don'ts of interdisciplinary work", virtual class in collaboration with Ravi Majeti, PhD
Fall 2019	PSYC 290: Teaching in Psychiatry
Oct 28, 2019	PSYCH 234: Understanding Depression
May 9, 2019	PSYCH 234: Topics in Depression
Nov 2015	PSYC 250: Methodology of Research in Behavioral Sciences Guest panelist, "Big Data and Psychiatric Research: Limitations and Benefits"

Fall 2015	PSYC 299. Advisor for graduate neuroscience student who completed an independent reading project which has led to a published review in Journal of Neuroscience Research.
Nov 2014	PSYC 250: Methodology of Research in Behavioral Sciences Guest lecture, "NIMH Research Domain Criteria (RDoC)"
May 2014	Didactic I: "Introduction to Human Neuroscience and its Relevance to Clinical Psychology (Part 1) and Didactic II: "Human Neuroscience and the Transdiagnostic Approach to Treating Emotional Disorders (Part 2) to PsyD/PhD students at Palo Alto University and Gronowski Center
2013 - 2015	PSYC199 (Independent Study). Advisor for an undergraduate medical student who completed four quarters of independent study and has subsequently matriculated (winter)
2005 - 2012	Coordinated and taught courses in neuroscience to medical students in the graduate medicine program, Years 2 and 3 in semester 2 (equivalent to two quarters), University of Sydney Medical School
2003 - 2005	Developed and coordinated the Cognitive Neuroscience and Neuropsychology Unit. This was a new course that I established. I designed the curriculum, course content, assignments, examination and accompanying practicums. The unit was one semester (two quarters) in total. I coordinated the course and taught 18 lectures per semester for the Year 3 undergraduate Psychology students enrolled in this course (250 students).
2000 - 2002	Lecture and tutorial teaching on the Behavioral Neuroscience Unit, PSYC3024. The unit was one semester (two quarters) in total. I developed the content of the lecture series. I taught a total of 8 lectures and 12 tutorials per semester for Year 3 undergraduate Psychology students (300 students).
2000 - 2002	Lecture and tutorial teaching on the Perception, Learning and Neuroscience Unit, PSYC2111. The unit was one semester (two quarters) in total. I developed the content of the lecture series and an accompanying tutorial program that was interactive and web-based. I taught a total of 12 lectures and 12 tutorials per semester for Year 2 undergraduate Psychology students (500 students).
1999 - 2004	Taught a 4-lecture module within the Introductory Psychology course, for Year 1 undergraduate Psychology students (1600 students).
1994 - 1998	Coordinator for the undergraduate Psychology unit "Psychological Assessment". Taught one full semester (equivalent to two quarters) per year. In addition, I coordinated and taught a parallel unit by distance, that comprised two 1-week intensive on-campus sessions supported by email and telephone communication with individual students.

Dissertation and Defense Committees

2024	Member of the Assessment committee for PhD Candidate Helena Voetterl, Maastricht University (defense 06/25/24)
2022 - 2025	Co-advisor for Paula Andrea Munoz Rodriguez, Neuroscience PhD Student (defense 08/11/2025)
2022 - 2023	Member of the dissertation committee for Biophysics PhD Candidate Caleb Geniesse (defense 02/23/23)
2022 - 2023	Member of the dissertation committee for Psychology PhD candidate Minyoung Lee (defense 03/03/2023)
2022	Chair of the graduate student defense committee for Elena Tuzhilina in Statistics (defense 05/19/2022)
2021	Chair of the graduate student defense committee for Jaclyn S. Kirshenbaum in Psychology (defense 08/19/2021)

2021 - 2022	Reader on the dissertation committee for Department of Psychology PhD candidate Lauren Borchers (defense 08/29/2022)
2021 - 2022	Member of the dissertation thesis committee for Neurosciences PhD candidate Corey Fernandez (defense 04/22/2022)
2020 - 2023	Co-advisor for Olamide Abiose, Neuroscience PhD Student (defense 09/28/2023)
2020	Oral Examination University Chair for Pranav Samir Rajpurkar in Computer Science (defense 05/20/2020)
2020	Chair of the graduate student defense committee for Sam Vesuna in Bioengineering (defense 04/27/2020)
2019	Chair of the graduate student defense committee for Ian Eisenberg in Psychology (defense 08/02/2019)
2019	Member of the dissertation committee for graduate student in the Clinical Psychology Program, Palo Alto University (defense 05/06/2019)
2018	Mentor for rotation for graduate student in the Neurosciences Program, Stanford University, LeeAnn Perry
2018 - 2021	Member of the dissertation committee and doctoral dissertation advisor for Akua Nimarko in the Neurosciences Program, Stanford University (defense 05/10/2021)
2017 - 2021	Doctoral dissertation advisor for Arielle Keller in the Neurosciences Program, Stanford University (defense 06/04/2021)
2016	Chair of the graduate student defense committee for Matthew Sacchet in Neuroscience (defense 05/08/2016)

Research Mentoring

Summary

At Stanford, I have mentored 23 postdoctoral fellows, eight of whom are MD or MD/PhD and eight of whom have already obtained junior faculty level positions. During my previous position on faculty at the University of Sydney, I mentored 11 postdoctoral fellows. In addition, I have supervised 34 graduate (PhD) students (30 funded by federal government scholarships awarded to the top 1% of applicants ranked nationally), 4 Doctor of Clinical Psychology (DPsych) and 26 research Honors (equivalent to a Master's dissertation) students. In Australia, there are relatively fewer available postdoctoral fellowships compared to graduate awards. Sixteen of my University of Sydney mentees are now on faculty, including one Department Chair, nine as full Professor, five as tenured Associated Professor, and one as Assistant Professor/Senior Lecturer.

My PhD students have won 43 prizes, which include best PhD thesis (University of Sydney) for consecutive years during the period I supervised Sydney students. A summary of my primary mentoring roles is provided in the table below.

During tenure at Stanford

Postdoctoral Fellows	Year(s)	My Mentoring Role	Type of Fellowship	Career Awards	Other Awards	Current Status or Position
Liangfang Li, PhD	07/2025-present	Primary Mentor	Postdoctoral Fellow			Commenced 07/01/25
Ellie Beam, MD, PhD	07/2025-present	Primary Mentor	T32 Fellow			Commenced 07/01/25. Clinical Scholar, 06/26
Jeesung Ahn, PhD	11/2024-present	Primary Mentor	Postdoctoral Fellow		2026 ADAA Early Career Membership Scholarship	Commenced 11/18/24
Teddy Akiki, MD	7/2023-01/2025	Primary Mentor	Advanced MD Fellow in Mental Illness Research and Treatment, MIRECC		2025 SOBP Travel award	Commenced 7/17/23 Asst Professor, 01/2025
Cordelia Erickson-Davis, MD, PhD	4/2023-7/2025	Primary Mentor	T32 Fellow			Commenced 4/14/23 Clinical Asst Professor
Alisa Olmsted, MD	9/2022-10/2024	Primary mentor	Advanced MD Fellow in Mental Illness Research and Treatment, MIRECC			Commenced 9/14/22 Clinical Asst Prof (Affiliated)
Adam Pines, PhD	8/2022-2/2025	Primary mentor	Postdoctoral Fellow	The School of Medicine Dean's Postdoctoral Fellowship (07/2023-06/2024)	2025 SOBP Travel award	Commenced 8/16/22

Sarah Hagerty, PhD	9/2020-10/2022	Primary mentor	Advanced Postdoctoral Psychology Fellow, MIRECC at VA Palo Alto		CDI for Psychiatry, 01/22-12/23	Commenced 9/14/20 Program Specialist, Workforce Mental Health Lyra Health
Katherine Warthen, PhD	9/2020-5/2022	Primary mentor	Advanced Postdoctoral Data Science Fellow in Mental Illness Research and Treatment, MIRECC at VA Palo Alto			Commenced 9/28/20 Senior Scientist Alcyone Therapeutics Inc.
Xue Zhang, PhD	6/2020-4/2025	Primary mentor	Postdoctoral Fellow funded by ENGAGE UH2/UH3 NIH project		2022 SOBP Travel award 2025 Sammy Kuo Award in Neuroscience	Commenced 6/1/20 Academic Research Scientist, PanLab, 04/25
Joseph Wielgosz, PhD	9/2018-4/2020	Primary mentor	Advanced Postdoctoral Psychology Fellow in Mental Illness Research and Treatment, MIRECC at VA Palo Alto			Commenced 9/1/18 Health Science Specialist National Center for PTSD
Sahar Harati, PhD	9/2018-1/2021	Primary mentor	Postdoctoral Fellow			Commenced 9/1/18 Software/ML Engineer at Google
Christina Young, PhD	7/2018-1/2020	Primary mentor	Postdoctoral Fellow		New Vision Investigator Awardee, New Vision Research (2023)	Asst Professor, UC Davis
Laura Hack, MD, PhD	8/2018-1/2022	Primary mentor	Advanced MD/PhD MIRECC Fellow in Mental Illness Research and Treatment	NIH K23 08/13/21	Faculty Professional & Leadership Development Award FY2021 CDI for Psychiatry, 01/20-12/21	Commenced 8/6/18 Director, Stanford Translational Precision Mental Health Clinic; Asst Professor (commenced 4/1/22)
Leonardo Tozzi, MD, PhD	1/2018-12/2021	Primary mentor	MD/PhD Postdoctoral Fellow funded by U01 Human Connectome for Emotional Disorders Project		John E Fetzer Memorial Trust Fund: 'Meta-connectomes for neuro-science research'	Commenced 1/1/18 Director of Research & Data at Ceribell
Adina Fischer, MD, PhD	2017-19	Primary mentor	Research Track MD/PhD T32 Fellow	NIH K 23 July 2022		Assistant Professor, Stanford

Matthew Sacchet, PhD	9/2016-9/2018	Primary mentor	Postdoctoral Fellow funded in part by my NIH UH2 project	School of Medicine Dean's Fellowship 1/5/17		Associate Professor in Psychiatry, Harvard
Zoe Samara, PhD	2015-19	Primary mentor	Postdoctoral Fellow funded by my NIMH R01 in 2016		Stanford Neurosciences Institute inter-disciplinary scholar award 1/5/17	Product Innovation Manager, Roche
Erin Green, PhD	2015-16	Primary mentor	Advanced Postdoctoral Psychology Fellow in Mental Illness Research and Treatment, MIRECC at VA Palo Alto			Clinical Neuropsychologist at John Muir Health
Tali Ball, PhD	2015-18	Primary mentor	T32 Fellow, Adult Psychiatry	NIH K23 07/11/18	NARSAD early investigator award	Clinical Scientist, Big Health
John Leikauf, MD	2015-18	Primary mentor	T32 Fellow, Child Psychiatry	NIH K23 08/15/20		Appointed to Clinical Instructor in 09/17. Promoted to Clinical Asst Prof, 09/18 commensurate with T32. Promoted to Clinical Assoc Professor, 02/23
Claudia Padula, PhD	2015-16	Primary mentor	Advanced Postdoctoral Psychology Fellow in Mental Illness Research and Treatment, MIRECC at VA Palo Alto	VA Career Development Award, CDA-2, 10/01/16, completed 2022		Instructor (Affiliated), Stanford, commensurate with VA CDA Promoted to Asst Professor 2022
Andrea Goldstein-Piekarski, PhD	2014-17	Primary mentor	Postdoctoral Fellow funded by my NIMH R01	NIH F32 National Research Service Award F32MH108299		Appointed Faculty Instructor at Stanford & VA MIRECC, 03/2017. Promoted to Asst Professor 12/2018

Early Career Mentees	**Year(s)**	**My Mentoring Role**	**Type of Fellowship**	**Career Awards**	**Other Awards**	**Current Status or Position**
Donna Murray	2020-present	Co-mentor	VA, major mid-level career development award	VA Career Development Award, CDA-2		Instructor (Affi-liate) at Stanford commensurate with CDA-2
Tali Ball	2018-2021	Research mentor	T32 Fellow, Adult Psychiatry	NIH K23 07/11/18		Senior Research Manager, Big Health

John Leikauf	2018-present	Research mentor	T32 Fellow, Child Psychiatry	NIH K23 08/15/20		Clinical Associate Prof, Stanford, commensurate with K23
Claudia Padula	2017-2022	Research mentor	Advanced Postdoctoral Psychology Fellow in Mental Illness Research and Treatment, MIRECC at VA Palo Alto	VA Career Development Award, CDA-2 10/01/16		Asst Professor, Stanford Psychiatry & Behavioral Sciences, 09/2022 Research Health Science Specialist, MIRECC PAVA

Faculty and Clinical Educator mentees	**Year(s)**	**My Mentoring Role**	**Independent Funding**	**Other Awards**	**Current Status or Position**
Teddy Akiki, MD	2025-present	Faculty Mentor	NIH K23, 2026-present		Asst Professor, Artificial Intelligence Faculty Cluster
Weidong Cai, PhD	2023-present	Secondary Mentor			Clinical Associate Professor
John Hegarty, PhD	2023-2024	Faculty Mentor	NIH K99, 2020-25		Clinical Assistant Professor, Stanford
Andrea Goldstein-Piekarski, PhD	2018-2020	Faculty mentor	NIH R01, 2019-23 NIH R61/33, 2019-23		Assistant Professor, Stanford, commenced 03/2021
Laura Hack, MD, PhD	1/2022-present	Faculty mentor	NIH K23 08/13/21	2023 Alies Muskin Career Development Leadership Program (CDLP) Award from the ADAA 2023 Stanford Psychiatry and Behavioral Sciences Chairman's Award for Clinical Innovation and Service	Assistant Professor, Stanford (commenced 5/22/22) Director, Translational Precision Mental Health Clinic Director, Novel & Precision Neurotherapeutics, PMHW Deputy Director and Esketamine Lead, Precision Neuromodulation Clinic (PNC), VAPAHC

Graduate dissertation students (PhD)	**Year(s)**	**My Mentoring Role**	**Research Program**	**Awards**	**Current Status or Position**
Matthew Matrongolo	2023-24	First year advisor	Neuroscience PhD program		Commenced 9/2023
Jocelyn Ricard	2023-24	First year advisor	Neuroscience PhD program		Commenced 9/2023
Kyrus Mama	2022-23	First year advisor	Neuroscience PhD program		Commenced 9/2022
Blake Zhou	2022-23	First year advisor	Neuroscience PhD program		Commenced 9/2022
Divya Rajasekharan	2022-present	Primary advisor	PhD student, Mechanical Engineering, Institute for Computational and Mathematical Engineering	2023 NSF Graduate Research Fellowship 2023 Stanford Bio-X Bowes Graduate Student Fellowship 2024 Stanford Bio-X Travel Award	Commenced 8/2022

				2025 Stanford Bio-X Travel Award 2026 Graduate Research & Internship Program in Germany (GRIP) award	
Olamide Abiose	2021-23	Co-advisor	Neuroscience PhD student		Commenced 2021
Paula Andrea Munoz Rodriguez	2022-2024	Co-advisor	Neuroscience PhD student	2025 ACNP Travel Award 2026 ACNP Near-Peer Mentorship Program	PhD graduation 08/2025
Arielle Keller	2017-21	Primary advisor	PhD, Stanford Neurosciences program	NSF graduate fellowship, 2017-21; SOBP pre-doctoral travel award 2020; NIH T32 Fellowship, 2021-22; Flux Congress Travel Award 2022; ACNP Travel Award 2023	PhD graduation 06/2021, then postdoc at UPenn Assistant Professor at University of Connecticut
Akua Nimarko	2018-21	Advisor	PhD, Stanford Neurosciences program		PhD graduation 06/2021. Now at Boston Consulting Group.

Graduate dissertation Masters students	**Year(s)**	**My Mentoring Role**	**Research Program**	**Awards**	**Current Status or Position**
Luke Pistol	2021-present	Primary supervisor	Masters student, Neuroscience		
Research postbaccalaureate students	**Year(s)**	**My Mentoring Role**	**Area of research studentship**	**Awards**	**Current Status or Position**
Samantha Zenteno	2022-23	Primary advisor	Research scholar, Stanford Medicine Racial Equity to Advance a Community of Health (REACH) Postbaccalaureate Research Program		
Graduate rotation students (PhD)					
Gracie Grimsrud	2025	Supervisor	Fall quarter rotation, Neuroscience		
Sarah Izabel	2022-23	Supervisor	Fall/Winter quarter rotation, Neuroscience	2023 Stanford RAISE fellowship award	
Paula Andrea Munoz Rodriguez	2022	Supervisor	Spring quarter rotation, Neuroscience		
Emma Mae O'Connell	2022	Supervisor	Spring quarter rotation, Neuroscience		
Rennie Kendrick	2022	Supervisor	Spring quarter rotation, Neuroscience		
Divya Rajasekharan	2022	Supervisor	Summer quarter rotation, Mechanical Engineering, ICME		

Undergraduate rotation students (PhD)					
Evelyn Song	2023	Supervisor	Summer quarter rotation, Wu Tsai Human Performance Alliance Scholar		

Graduate Masters Researchship students	**Year(s)**	**My Mentoring Role**	**Area of research studentship**	**Awards**	**Current Status or Position**
Rishu Garg	2021	Co-supervisor	Research project on Computational approaches to quantifying the burden of depression		Masters student, Computational and Mathematical Engineering
Pranav Rajpurkar	2019-20	Primary mentor, defense committee	AI in Health Bootcamp, intensive PhD/Master's program		PhD graduation, 09/2020 Asst Prof, Harvard Medical School
Zach Taylor	2019	Primary mentor	Masters researchship student, Computer Science, Machine Learning		Data Scientist, Grand Rounds, Inc.
Scott Fleming	2017-18	Primary mentor	Masters researchship student, Biomedical Informatics		Commenced PhD in Computer Science in 09/2018

MedScholar Students	**Year(s)**	**My Mentoring Role**	**Research Program**	**Awards**	**Current Status or Position**
Chloe O'Connell	2016-17	Primary mentor	Medical scholar awardee		Medical Resident at Stanford
Honors research students	**Year(s)**	**My Mentoring Role**	**Research Program**	**Awards**	**Current Status or Position**
Funmi Solano	2021-22	Primary supervisor	Biomedical Computation, Stanford		Commenced 2021
Andrew Bueno	2018-19	Primary supervisor	Human Biology, Stanford		MD, Columbia Medical school'24 Internal Medicine, BIDMC

Research Coordinators	**Year(s)**	**My Mentoring Role**	**Position at Williams PanLab**	**Awards**	**Current Position (for former mentees)**
Jack Yang	2024-26	Mentor for preparing for grad school	Data Analyst		
Leyla Boyar	2023-26	Mentor for preparing for grad school	CRC/Lab manager		MSW student, UC Berkeley
Claire Bertrand	2022-24	Mentor for preparing for grad school	CRC/Lab manager		PhD Student in Clinical Psychology, Northwestern
Jenna Jubeir	2022-24	Mentor for preparing for grad school	Research Data Analyst/Lab mgr.		PhD Student in Neuroscience Mt. Sinai
Nancy Gray	2021-23	Mentor for preparing for grad school	CRC/Lab manager		

Emily Zhai	2021-23	Mentor for preparing for grad school	CRC/Lab manager		MPhil student Medical Anthropology University of Oxford
Esther Anene	2020-22	Mentor for preparing for grad school	CRC/Lab manager		PhD Student Columbia Clinical Psychology
Bailey Holt-Gosselin	2017-20	Mentor for preparing for grad school	CRC/Lab manager	2022 SOBP Travel Award F31 NRSA grad fellowship, awarded in 2022	Yale Neuroscience PhD, 2025 T32 Postdoctoral Research Fellow, Harvard Medical School, Boston Children's Hospital
David Choi	7/2018-6/2019	Mentor for preparing for grad school	Neuroimaging Research Coordinator		UCLA Asian American Studies (MA) and Social Welfare (MSW), concurrent degree program as a fellow
Sarah Cheng	08/2017-06/2019	Mentor for preparing for grad school	Research Coordinator		UCLA Neuroscience PhD, 2024 Postdoctoral Research Fellow at UCSD
Serena Tally	05/2017-05/2019	Mentor for preparing for grad school	Research Coordinator		MD Candidate UC Irvine School of Medicine
Carlos Correa	09/2016-08/2018	Mentor for preparing for grad school	Research Data Engineer		Postdoctoral fellow NYU
Monica Kullar	2/2016-4/2018	Mentor for preparing for grad school	Neuroimaging Research Coordinator		Graduated PhD in Cognitive Psychology, Cambridge University, 05/2022 Senior User Experience Researcher, Amazon
Katherine Grisanzio	10/2015-6/2018	Mentor for preparing for grad school	Neuroscience Research Lab Manager		Postdoctoral fellow in Psychology Harvard
Brooke Staveland	2015-2018	Mentor for preparing for grad school	Intern; Research Coordinator/ Research Engineer		PhD candidate in Neuroscience, UC Berkeley, commenced 09/2019
Adam Pines	11/2015-4/2017	Mentor for preparing for grad school	Neuroimaging Research Coordinator	F31MH115709, 12/17/20	Graduated PhD in Neuroscience, 06/2022 at UPenn Postdoc at Williams PanLab starting 08/16/2022

During tenure at the University of Sydney

** Students who are MDs directing clinics and enrolled on a part-time basis in their PhD research program.*
*** Recipients of Career Development Awards funded by the Australian government equivalent to K/F awards*

Postdoctoral Fellows	Year(s)	My Mentoring Role	Type of Fellowship	Current Status or Position
Mayuresh Korgaonkar**	2009-13	Primary mentor	Senior Imaging Scientist	Succeeded me as Director, Brain Dynamics Center, Sydney Medical School. Faculty Professor, University of Sydney
Justine Gatt**	2005-13	Primary mentor	Postdoctoral Fellow in cognitive neuroscience funded by a fellowship attached to my Australian Research Council funding	Group Leader and Senior Research Scientist, NeuRA; Professor, School of Psychology, UNSW Sydney; Honorary Senior Research Fellow, Discipline of Psychiatry, University of Sydney
Pritha Das	2004-07	Primary mentor	Postdoctoral Research Fellow in brain imaging models of schizophrenia funded by Schizophrenia Research Institute (state funding agency)	Senior Research Fellow, Psychiatry, University of Sydney Medical School
Tom Whitford**	2007	Primary mentor	Postdoctoral research fellow funded by my Pfizer Fellowship	2008-11 Postdoctoral Research Fellow (K-award equivalent "CJ Martin Fellowship" from National Health & Medical Research Council, NHMRC), for joint research at Harvard Medical School (with Bob McCarley) and University of Melbourne (with Pat McGorry) 2012-present: Professor at the University of NSW, School of Psychology, Sydney
Andrew Kemp**	2007-09	Primary mentor	Postdoctoral Research Fellow funded by "Peter Doherty Fellowship", National Health & Medical Research Council, NHMRC	Faculty Full Professor, Psychology, Swansea University, Wales, UK
Kim Felmingham**	2007-09	Primary mentor	Postdoctoral Research Fellow funded by "Clinical Training Fellowship", NHMRC	Chair in Clinical Psychology Faculty Full Professor, University of Melbourne
Michael Breakspear, MD	2004-05	Primary mentor	Postdoctoral Research Fellow funded by a fellowship attached to my Australian Research Council funding	Faculty Full Professor, Head of the Systems Neuroscience Group, University of Newcastle
Daniel Hermens	2006-07	Primary mentor	Postdoctoral Research Fellow funded by my Australian Research Council funding	Professor of Youth Mental Health & Neurobiology at the Thompson Institute
Tom Farrow	2002	Primary mentor	Postdoctoral Research Fellow funded by his own British Council award	Faculty Senior Lecturer University of Sheffield, UK

Belinda Liddell**	2006-07	Primary mentor	Postdoctoral Research Associate funded by my Australian Research Council funding	Full Professor, School of Psychological Sciences, UNSW, Sydney
Stacey Kuan	2005-07	Primary mentor	Postdoctoral Research Associate (funded by federal ARC grant)	Research Fellow, UNSW, Sydney (as of 2012)

Graduate students (PhD)	**Year(s)**	**My Mentoring Role**	**Position & Area of Research**	**Current Position (for former mentees)**
Annie Brennan	2012-17	Primary supervisor till 2014, then co-supervisor due to my move to Stanford	PhD (Brain imaging models of neural circuit disconnection in first onset schizophrenia)	Awarded 7/7/17
Anna Watters	2010-15	Primary supervisor	PhD (Neural markers of risk for depression)	Research Officer/Psychologist, NSW Service for the Treatment and Rehabilitation of Torture and Trauma Survivors (STARTTS). Commenced Postdoctoral fellowship at University of Pennsylvania 6/1/16
Jean Starling, MD*	2007-14	Primary supervisor	PhD (Clinical neuroscience of early onset schizophrenia)	Awarded 7/1/16 Child and Adolescent Psychiatrist at South Western Sydney LHN and Sydney LHN
Michael Kohn, MD*	2008-16	Primary supervisor	PhD Cognitive outcomes and non-stimulant treatment of ADHD	Awarded 4/27/16 Head of Department, Adolescent and Young Adult Medicine, Westmead Hospital, Sydney
Claire Day	2010-13	Primary supervisor	PhD (Brain-behavior markers of melancholic depression)	Awarded, 12/19/14 Project Manager - INC Research Miranda, New South Wales, Australia
Kasia Kozlowska, MD*	2007-12	Primary supervisor	PhD (Developing a cognitive neuroscience model of conversion disorder)	Associate Professor, University of Sydney Medical School & Child and Adolescent Psychiatrist at the Children's Hospital at Westmead, Sydney
Ainslie Hatch	2005-09	Primary supervisor	PhD/DClinPsych combined (Developing a cognitive neuroscience model of anorexia nervosa)	Head of Digital Health Research at Otsuka Pharmaceutical Companies (U.S.)
Donna Palmer	2005-09	Primary supervisor	PhD (Brain imaging and ERP markers of maturation of emotional brain circuits)	Chief Scientific Officer, Brain Resource Limited, Sydney and San Francisco, CA
Kristan Kang	2003-07	Primary supervisor	PhD (An EEG model of ADHD)	Senior Research Data Specialist (Health & Medical) at the Australian Research Data Commons (an NCRIS facility) in 2020 but retains an honorary appointment at UNSW
Tom Whitford	2003-07	Primary supervisor	PhD (Structural imaging to track trajectories in first onset schizophrenia)	Postdoctoral Research Fellow (details above)

Belinda Liddell	2002-06	Primary supervisor	PhD (Neuroimaging and electrophysiological profiles of nonconscious emotion processing)	Postdoctoral Research Fellow (details above)
Daniel Hermens	2002-06	Primary supervisor	PhD (Markers of ADHD and stimulant response)	Postdoctoral Research Fellow (details above)
Pamela Marsh	2001-05	Primary supervisor	PhD (Visual scanpaths as an objective marker of emotional dysfunctions in ADHD)	Research Fellow and Lecturer (equiv to Assistant Professor), Macquarie Centre for Cognitive Science, Macquarie University, Sydney
Carmel Loughland	1998-02	Primary supervisor	PhD (Visual scanpaths as an objective marker of emotional dysfunctions in Schizophrenia)	Faculty Associate Professor, School of Medicine and Public Health, University of Newcastle, Australia
Kwang-Hyuk Lee	1998-02	Primary supervisor	PhD (EEG Gamma synchrony in schizophrenia)	Faculty position, University of Sheffield, UK
Melissa Green**	1998-02	Primary supervisor	PhD (A cognitive neuroscience model of emotion biases in delusions)	Faculty Associate Professor, University of NSW, Sydney
Denise Chu	2009-14*	Associate supervisor	PhD (A cognitive neuroscience model of complex trauma)	Transferred to new advisor due to my move to Stanford
Sandra Graovac	2011-13	Associate supervisor	PhD (EEG Gamma synchrony in first onset schizophrenia)	Transferred to new advisor due to my move to Stanford
Karen Oakley	2011-13	Associate supervisor	PhD (Heritability of anxiety and depression)	Transferred to new advisor due to my move to Stanford
Donald Rowe	2000-04	Associate supervisor	PhD (Biophysical brain modeling)	Clinical Psychologist in private practice
Ilario Lazzaro	2000-04	Associate supervisor	PhD (ERP markers of attentional dysfunction in ADHD)	Clinical Psychologist in private practice
Kaye Horley	2000-04	Associate supervisor	PhD (Visual scanpath markers of emotional dysfunction in social anxiety disorder)	Clinical Psychologist in private practice
Kerri Brown	2000-04	Associate supervisor	PhD (ERP markers of selective attention dysfunction in schizophrenia)	Head of Multidisciplinary Education, NSW Institute of Psychiatry, Sydney
Anthony Harris	1999-03	Associate supervisor	PhD (Relating EEG disruptions to symptoms in first onset schizophrenia)	Professor, Psychiatry, University of Sydney Medical School

Barry Manor	1999-03	Associate supervisor	PhD (Developing a visual scanpath methodology)	Director, Manor Sustainability Consulting Pty Ltd
Kim Felmingham	1999-03	Associate supervisor	PhD (A cognitive neuroscience model of PTSD)	Full Professor (details above)
Albert Haig	1998-02	Associate supervisor	PhD (Developing a methodology for quantifying whole brain EEG Gamma synchrony)	Director of Research, Melbourne College of Divinity
Chris Rennie	1998-02	Associate supervisor	PhD (A neurophysiological brain model tested with EEG/ERP data)	Emeritus Senior Hospital Scientist, Medical Physics, Westmead Hospital and Head of Brain Modeling, Brain Dynamics Center, University of Sydney. Retired 2014.
Homi Bahramali	1998-02	Associate supervisor	PhD (EEG and schizophrenia)	Research Associate, Centre for the Mind, University of Sydney
Michael Breakspear	1998-02	Associate supervisor	PhD (Nonlinear neural systems and schizophrenia)	Full Professor, Queensland Medical Research Institute (details above)
Shameran Slewa-Younan	1998-02	Associate supervisor	PhD (Sex differences in EEG Gamma synchrony in schizophrenia)	Associate Professor, Western Sydney University
Jim Lagopoulos	1995-99	Associate supervisor	PhD (ERPs and cognitive disruption in Parkinson's disease)	Professor, Sunshine Coast Mind and Neuroscience - Thompson Institute, University of the Sunshine Coast

Graduate students (Doctorate or Masters in Clinical Psychology research dissertation)	**Year(s)**	**My Mentoring Role**	**Position & Area of Research**	**Current Position (for former mentees)**
Sophie Barkl	2012	Primary supervisor	MClinPsych	Clinical Psychologist, Basten & Associates, Sydney
Anna Sidis	2000-04	Primary supervisor	DClinPsych	Clinical Psychologist, The Brain & Mind Research Institute, University of Sydney
Matthew Symond	2000-04	Primary supervisor	DClinPsych	-
Thomas Arena	2000-04	Primary supervisor	DClinPsych	-
Graduate-level researchers	**Year(s)**	**My Mentoring Role**	**Position & Area of Research**	**Current Position (for former mentees)**
Marie Nagy	2008-10	Primary mentor	Graduate Senior Research Associate funded by my Pfizer Fellowship	Senior Researcher, Choice Magazine (as of 2012)
Honors research students	**Year(s)**	**My Mentoring Role**	**Position & Area of Research**	**Current Position (for former mentees)**
Stuart Grieve	2006	Primary supervisor	Graduate Medical Program honors research, University of Sydney	Parker Hughes Professor of Diagnostic Radiology, University of Sydney Medical School
Corinne Rennenberg	2005	Primary supervisor	Psychology Honors, University of Sydney	-

Josephine D'Agostino	2005	Primary supervisor	Psychology Honors, University of Sydney	-
Nathan Jacobs	2004	Primary supervisor	Psychology Honors, University of Sydney	-
Samira Sidwhani	2004	Primary supervisor	Psychology Honors, University of Sydney	Psychologist, Northern Sydney Psychology Clinic
Donna Palmer	2002	Primary supervisor	Psychology Honors, University of Sydney	Details above
Rebecca Hamilton	2002	Primary supervisor	Psychology Honors, University of Sydney	Won university medal. Project coordinator, United Nations, NYC
A Hodkinson	2001	Primary supervisor	Psychology Honors, University of Sydney	-
Kristan Kang	2001	Primary supervisor	Psychology Honors, University of Sydney	Details above
Olivia Munn	2001	Primary supervisor	Psychology Honors, University of Sydney	-
Daniel Hermens	2000	Primary supervisor	Psychology Honors, University of Sydney	Details above
Belinda Liddell	2000	Primary supervisor	Psychology Honors	Details above
Jennifer Rathjen	2000	Primary supervisor	Psychology Honors, University of Sydney	Clinical Psychologist in private practice, Sydney
Joanna Maley	1997	Primary supervisor	Psychology Honors, University of New England	-
Margaret Gunter	1997	Primary supervisor	Psychology Honors, University of New England	-
Rita Tropea	1997	Primary supervisor	Psychology Honors	-
Tom McHugh	1997	Primary supervisor	Psychology Honors, University of New England	Clinical Psychologist in private practice
Kim Kilpatrick	1996	Primary supervisor	Psychology Honors, University of New England	Clinical Psychologist in private practice
Jocelyn Barry	1995	Primary supervisor†	Psychology Honors, University of New England	-
Melissa Green	1995	Primary supervisor†	Psychology Honors, University of New England	Details above
Pamela Marsh	1995	Primary supervisor†	Psychology Honors, University of New England	Details above
Carmel Loughland	1994	Primary supervisor†	Psychology Honors, University of New England	Details above
Anna Vlasoff	1994	Primary supervisor†	Psychology Honors, University of New England	-
Debbie Bayliss	1994	Primary supervisor†	Psychology Honors, University of New England	Writer
Richard Kocsis	1994	Primary supervisor†	Psychology Honors, University of New England	Forensic Psychologist
Peter Barron	1992	Primary supervisor†	Psychology Honors, University of New England	Manager for Bruker Corporation Pty Ltd (as of 2012)

† Served as a primary supervisor during my graduate studies.

Contributions to Training Grants

Role: Faculty Mentor, 2013 - present

NIH R25 MH090947	Research Career Development Institute for Psychiatry (PI Forbes, Erika et al.)
NIH T32 MH019938	A Biobehavioral Research Training Program, Stanford University (PI Schatzberg, Alan et al.)
NIH T32 MH019908	Research Training for Child Psychiatry and Neurodevelopment, Stanford University (PI Reiss, Allan)
NIH T32 MH020016	Training Program in Basic Neuroscience, Stanford University (PI Shah, Nirao)
MIRECC/CoE VA	National Advanced Fellowship in Mental Illness Research and Treatment (PI Beaudreau, Sherry)
MIRECC/CoE VA	Postdoctoral Advanced Fellowship in Mental Illness Research and Treatment, VA Palo Alto, APA accredited specialties in PTSD and Geropsychology (PI Fairchild, Kaci)
PsyD Consortium	PGSP-Stanford Consortium is an APA accredited practitioner-scholar program

Contributions to National Training Programs

2018 - present

NIH P20 GM121312 The Center for Neuroscience-Based Mental Health Assessment and Precision (NeuroMAP) (PI Paulus, Martin), Laureate Institute for Brain Research.

Role: Executive Advisory Board member, involving annual in-person review visits and regular reviews of pilot grants to prepare early career investigators for independent funding and careers.

Mentoring contributions through major national professional societies

2016, 2019, 2022, 2023	Travel Awardee Mentor, Society of Biological Psychiatry
2014, 2016	Travel Awardee Mentor, American College of Neuropsychopharmacology
2014, 2016 - present	Women's Mentor, American College of Neuropsychopharmacology

Mentoring contributions though Stanford faculty programs

2024 - 2026	Advisor for a Peer Mentoring Group cohort
2017 - present	Mentor for Early Career faculty on the Stanford Psychiatry and Behavioral Sciences mentorship program

PROFESSIONAL SERVICE AND COMMUNITY ENGAGEMENT

National Institutes of Health Initiatives

09/2024 - 03/2025	Co-Chair for the National Institutes of Health (NIH) Virtual Workshop "AI for Precision Medicine: Integrating Clinical Imaging with Multimodal Data", held on March 11-12, 2025
09/2024 - present	Member of the Foundation for the National Institutes of Health Public-Private Partnership to Identify and Validate Biomarkers for Depression working group

Fellow of Professional association

2017 - present	Fellow of the American College of Neuropsychopharmacology (ACNP)

Membership of Professional associations

2019 - present	Global Future Council on Technologies for Mental Health - World Economic Forum
2018 - present	Anxiety and Depression Association of America (ADAA)
2013 - present	American College of Neuropsychopharmacology (ACNP)
2006 - present	Society of Biological Psychiatry (SOBP)
2002 - present	Society for Neuroscience
1998 - 2013	Australian Society for Biological Psychiatry
2007 - 2012	American Psychosomatic Society

National Committees

2025 - present	Member of the Steering Committee of MAP-D: Multi-Level Assessment & Phenotyping in Depression, Foundation for the National Institutes of Health (FNIH)
2022	Invited expert faculty member of the national NIH RECOVER (Researching COVID to Enhance Recovery) Neuropsychiatric Committee
2020 - 2023	Member of the Neuropsychopharmacology (NPP) Editor-in-Chief Search Committee
2016 - present	Member of the Senior Women's Leadership Group of the Society of Biological Psychiatry
2019	Women's Task Force Leader for the American College of Neuropsychopharmacology
2014 - 2016	Invited member of the ACNP membership committee that assesses new applications for membership to ACNP
2009 - 2013	Member of American Psychosomatic Society panel for assessing the Presidential Paul McLean Award for research integrating emotion and neuroscience

Journal Editorial Boards

2023 - 2025	Special Editor for the NEUROPSYCHIATRIC IMAGING section of the American Journal of Neuroradiology (https://www.ajnr.org)
2023 - present	Editorial board, Journal of Mood and Anxiety Disorders (Elsevier journal)
2019 - present	Editorial board, Journal of Psychiatric Research (Elsevier journal)
2017 - present	Editorial Board, Depression and Anxiety (Wiley journal)
2016 - present	Editorial Board, Personalized Medicine for Psychiatry (Elsevier journal)
2016 - present	Editorial Board, Network Science (MIT Press journal)

Advisory Boards and Prize Committees

2025 - present	Precision Neurotechnology Clinical Advisory Council for The Advanced Research + Invention Agency (ARIA)

2024 - present	CTSA Internal Advisory Board for The Stanford Center for Clinical and Translational Research and Education
2024 - present	External Scientific Advisory Board for the Cancer Neuroscience Program at MD Anderson Cancer Center
2023	The McCormick and Gabilan Faculty Awards selection committee at Stanford (established to support the advancement of women in medicine and/or medical research directly, or by supporting men or women whose focus is the mentoring, training, and encouragement of women pursuing the study of medicine, in teaching medicine, and engaging in medical research)
2019	Spinoza Prize selection committee (funding scheme directed at individuals at the very top of the research profession)
2015 - present	Advisory Board, Stanford Center for Cognitive and Neurobiological Imaging
2015 - present	Advisory Board, One Mind PsyberGuide (member of One Mind Institute)
2008	Pfizer Advisory Board for Ziprasidone

Faculty Search Committees

2024	Member of the Search Committee for the next Chairman of the Department of Radiology, Stanford School of Medicine
2021	Member of the Search Committee for the next Chairman of the Department of Radiology, Stanford School of Medicine
2021	Faculty member of the Clinical Educator Diversity Recruitment Taskforce, a taskforce initiated by the School of Medicine Dean's Office: Taskforce Convener, Bonnie Maldonado, MD, Professor of Pediatrics, Senior Associate Dean for Faculty Development and Diversity; Taskforce Chair, Janice Lowe, MD, Clinical Professor of Pediatrics, Associate Dean for Academic Affairs; Taskforce Co-Chair, Caroline Fisher, MD, Clinical Associate Professor of Ophthalmology
2018 - present	Faculty member of the selection committee for the NIH T32 MH019938 training program: A Biobehavioral Research Training Program, Stanford University
2016 - 2017	Chair of the search committee for a UTL/NTL/MCL faculty position in Computational Neuropsychiatry, Stanford School of Medicine
2016	Chair of the search committee for a UTL/NTL/MCL faculty position in Computational Neuropsychiatry, Stanford School of Medicine
2015	Member of search committee for the new Editor for the Clinical Psychological Science journal (chaired by Deanna Barch, Chair of Psychology, Washington University, St. Louis)
2015	Member of the search committee for an MCL faculty position in Neuroradiology, Stanford School of Medicine (chaired by Max Wintermark)

Grant Panels

Federal grant programs

2021	NIH grant panel member for the Biobehavioral and Behavioral Processes Scientific Review section (ZRG1, November 12)
2015	NIH grant panel member for the Adult Psychopathology and Disorders of Aging Study Scientific Review group (October 22-23)
2004 - 2014	ARC Discipline Panel Reader (ARC OzReader) This role is by invitation from the ARC. It spans all section panels. In this role, I read and assessed all grants related to biological psychology, across sections, and the goal was to ensure consistency of review scores. In a typical year, I would assess 35 applications.

2009, 2011	NHMRC grant panel member (Brain Imaging/Psychiatry & Brain Imaging) This is membership of a section panel

Grant Reviewer

Federal grant programs

2012-present	National Institute of Mental Health grants
1999 - present	Wellcome Trust project grants
1999 - 2014	Australian Research Council; Discovery, Fellowships and linkage grants
2010 – 2014	Pfizer Neuroscience Foundation Grants
1999 - 2014	National Health and Medical Research Council: Project grants, Fellowships
2002, 2004, 2011	UK Medical Research Council grants

Ad Hoc Journal Reviewer

Nature, Nature Neuroscience, Nature Medicine, Archives of General Psychiatry (JAMA Psychiatry), American Journal of Psychiatry, Molecular Psychiatry, Biological Psychiatry, Journal of Psychiatric Research, Neuropsychopharmacology, Journal of Neuroscience, Neuroimage, Human Brain Mapping, Depression and Anxiety, Journal of Psychiatry and Neuroscience, Journal of Clinical and Experimental Neuropsychology, Biological Psychology, Schizophrenia Bulletin, Neuroscience and Biobehavioral Reviews.

Conference Organization

2026	6th annual Precision Mental Health Anniversary Symposium, September 25
2025	5th annual Precision Mental Health Anniversary Symposium "Bridging Psychiatry, Neuroscience and AI", September 26
2024	4th annual Precision Mental Health and Wellness Anniversary Symposium "From Data to Care: Precision Medicine in Action for Mental Health", September 13.
2023	3rd annual Precision Mental Health and Wellness Anniversary Symposium "Precision Psychiatry, Personalized Neuroscience and the Future of Mental Health Treatment", October 24.
2022	2nd annual Precision Mental Health and Wellness Anniversary Symposium "The future of personalized neuroscience and mental health", September 28.
2021	1st annual Precision Mental Health and Wellness Anniversary Symposium "The promise of precision health for prevention, early detection, and treatment in mental health", September 24.
2020 - present	Stanford Center for Precision Mental Health and Wellness seminar series "Cutting-edge advances towards personalized mental health"
2021 - 2023	Member of the Program Committee of the Society of Biological Psychiatry Annual Conference – 2022-2023 conference years
2019 - 2021	Chair of the Program committee of the 2021 Society of Biological Psychiatry Annual Meeting
2010	Organizing committee, Australasian Schizophrenia Conference
2006, 2007	Organizing committee, International Organization for Human Brain Mapping, held in Melbourne June 2008
2006	Organizing committee, Australasian Society for Psychiatric Research
2002 - 2006	Scientific advisory committee, Australasian Society for Psychophysiology conferences
2002	Conference Convenor, First combined national meeting for Australasian Society for Psychophysiology and Functional Brain Mapping symposium
2001	Scientific advisory committee, Functional Brain Mapping conference, Melbourne
2001	Organizing Committee, 7th Australasian Schizophrenia Conference, Sydney

Institutional Service and Activities

2024	Team Science Panel presentation at the Stanford Medicine "Leading Team Science Teams" program, Stanford, April 18
2022 - present	Member of the Hoffman-Yee Grant program of the Stanford Institute for Human-Centered AI (HAI)
2022 - present	Member of the Wu Tsai Neuro Seminar Committee, Stanford University
2021 - 2022	Academic and Promotions Committee, School of Medicine, alternative faculty representative for Psychiatry and Behavioral Sciences
2021	Office for Human Research Protections (OHRP, US Department of Health and Human Services) not-for-cause audit interview (September 15)
2020 - present	Member of the faculty interview panel for the Neurosciences graduate program, Stanford University School of Medicine
2016 - present	Member of the T32 Training Fellowship Selection Committee for Adult Psychiatry, Psychiatry and Behavioral Sciences
2018	Community Area Steering Group Stanford Long Range Planning
2015 - 2017	Member of Selection Committee for the Neurosciences graduate program, Stanford University School of Medicine
2016	Member of the DSMB for Dr. Sean Mackey's R01 project
2014 - 2016	Member of the Professoriate Appointments & Promotions Committee, Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine
2013 - 2016	Member of Community Engagement Advisory Committee, Psychiatry and Behavioral Sciences, University School of Medicine
2002 - 2013	Executive committee, Westmead Millennium Institute for Medical Research (WMI), Sydney
2008 - 2011	Representative for Psychiatry on the Scientific Review committee for the Human Research Ethics Committee (IRB), WMI and Sydney Medical School
2009, 2010	Dean's Representative on Promotion panels (to Associate Professor and to Professor), University of Sydney Medical School
2000 - 2003	Graduate selection committee and student coordinator, Psychology, University of Sydney
2000	Associate Postgraduate Coordinator, Psychology, University of Sydney
1999	Deputy Head (Chair) of School, Psychology, University of New England (UNE)
1996 - 1997	Coordinator, Postgraduate Studies and Research sub-committee, UNE
1994 - 1997	Test library officer, School of Psychology, UNE
1996	Departmental Representative, Faculty of Arts faculty search committee (3), UNE
1994 - 1996	Member of Finances and Resource Allocation sub-committee, UNE
1995	Acting Head (Chair) of School, Psychology, UNE (June and November)
1994	Member of Selection committee for Postgraduate Research Awards, UNE
1992 - 1994	Member of the Teaching and Assessment Sub-committee, School of Psychology, UNE

Community Contributions during tenure at Stanford

2023	19th Annual Mood Disorders Education Day, Stanford: "Approaches to Personalizing Depression Treatment", October 14.
2022	18th Annual Mood Disorders Education Day, Stanford: "Personalized Biomarkers for Treatment Selection", August 20.
2021	17th Annual Mood Disorders Education Day, Stanford: "Innovating in the Aftertime: Breakthroughs in the Evaluation and Treatment of Mood Disorders", August 28.

2020	National Alliance on Mental Health Santa Clara County (NAMI) general meeting: "Personalized Treatments for Mood Disorders", October 13.
2020	16th Annual Mood Disorders Education Day, Stanford: “Using Artificial Intelligence to Develop Biomarkers for Treatment Selection”, August 29.
2013 - ongoing	Established and ongoing researcher-clinician-education partnership with the Gronowski Center, Los Altos, CA.
2019	15th Annual Mood Disorders Education Day, Stanford: “Personalized Treatments for Mood Disorders”, July 13.
2018	14th Annual Mood Disorders Awareness Day, Stanford: “Using Neuroscience in the Pursuit of Precision Medicine”, July 14.
2017	13th Annual Mood Disorders Awareness Day, Stanford: “Neural and Depression Subtype Predictors of Antidepressant Treatment”, August 19.
2016	CAMINAR 2nd Mental Health Symposium. “Personalizing treatments for Depression and Anxiety”. Filoli Gardens, May 25. (Broadcast live)
2015	Stanford Distinguished Career Institute. “Neuroscience and the Paradigm Shift in Psychiatry”, (Chair, Dean Pizzo), April 10.
2015	11th annual Mood Disorders Awareness Day, Stanford: “Personalizing neuroscience for depression”, August 29.

MEDIA HIGHLIGHTS

2026	Stanford Medicine News Center: Reimagining mental health: Stanford Medicine experts chosen to lead precision task force (May 18)
2026	American Psychological Association Podcast: Speaking of Psychology Precision mental health and personalized treatment, with Leanne Williams, PhD, and Zachary Cohen, PhD (January 14)
2025	MedScape Medical News: A Global Roadmap for Precision Psychiatry (August 29)
2025	Monitor on Psychology: The promise of precise, personalized mental health care. American Psychological Association magazine, 56(6):63.
2024	Montz R (2024). Mapping a complex landscape: The promise of precision psychiatry and medical Imaging. Radiology Today, 25(8):14-17.
2024	Stanford Medicine’s Health Compass podcast: Episode 3 | Breaking the silence: Can we finally remove the stigma that too often prevents important mental health conversations?
2024	National Geographic: There are 6 forms of depression, study shows. Here’s how they’re different
2024	Medscape Medical News: Six Distinct Subtypes of Depression, Anxiety Identified Via Brain Imaging (June 24)
2024	CNN Health: A study identified 6 types of depression. Here’s why that matters (June 20)
2024	CBS News Bay Area: Brain imaging reveals distinct types of depression in study led by Stanford Medicine (June 17)
2024	Stanford Medicine News Center: Leanne Williams receives $18 million National Institutes of Health grant to diagnose and treat depression (June 7)
2024	Tell Me More with Kelly Corrigan | Bad Days, Tough Seasons or Clinical Depression? | Season 7 | Episode 4 | PBS (April 23)
2023	Airtalk with Larry Mantle: There Are Many Subtypes of Depression: A New Stanford Study Seeks To Better Understand One (July 12)
2023	Medscape InDiscussion podcast: Utilizing Subtypes and Biotypes for Personalized Treatments of Major Depressive Disorder (July 11)

2023 Stanford Medicine News: "Stanford Medicine-led research identifies a subtype of depression" (June 23)

2023 Stanford Magazine: "Falling for Psychedelics" (March)

2021 Stanford Medicine SCOPE Blog: Designing psychiatric care to precisely match patients' biology (December 16)

GLOBAL AND NATIONAL SCIENCE NEWS

2019 Science Magazine, August 20. "Brain scans could help personalize treatment for people who are depressed or suicidal"

2019 Nature Medicine, January 7. "Deeper Learning: Machine learning makes new sense of psychiatric symptoms"

2018 ResearchGate news, November 16. "Bringing Depression out of Darkness"

2018 Stat news, May 9. "Can precision medicine do for depression what it's done for cancer? It won't be easy"

2016 NIH Research Matters News, November 1. "Predicting the usefulness of antidepressants"

2016 Time Magazine, October 10. "Doctors can predict if antidepressants will work for you", based on the publication: Goldstein-Piekarski AN, Korgaonkar MS, Green E, Suppes T, Schatzberg AF, Hastie T, Nemeroff CB, Williams LM (2016). Human amygdala engagement moderated by early life stress exposure is a biobehavioral target for predicting recovery on antidepressants. Proceedings of the National Academy of Sciences, 113(42), 11955-11960.

2016 Huffington Post, October 18. "Will antidepressants work for you? There will soon be a test for that" . Based on the publication: Goldstein-Piekarski AN et al. (2016). Human amygdala engagement moderated by early life stress exposure is a biobehavioral target for predicting recovery on antidepressants. Proceedings of the National Academy of Sciences, 113(42), 11955-11960.

THRIVE GLOBAL

2020 May 1. How Understanding Your Biotype Can Help You Unlock Your Mental Health During a Pandemic: Identifying our personal signs of stress can help us better cope during this challenging time

2020 May 29. How Understanding Your Biotype Can Help You Unlock Your Mental Health During a Pandemic, Part II: Taking steps to improve our mental health is not only critically important during this time of uncertainty, but also in our everyday lives

2019 October 10. This New Brain Science Could Help You Unlock Better Mental Health: The key lies in understanding your own brain

2014 San Francisco Chronicle, August 12. "Robin Williams' death shines light on depression's grip"

2013 Los Angeles Times, November 18. "Scientists define brain network behind attention, day-dreaming". Based on the publication: Chen AC et al. Causal interactions between fronto-parietal central executive and default-mode networks in humans. PNAS, 2013.

2011 Sunday Telegraph, August 14. "School fails quiet girls"

2010 Sydney Morning Herald, February 18. "Computer test catches children with ADHD"

2010 The Age, February 18. "Computer test catches children with ADHD"

2010 Frontiersin.org, September 24. "Grand challenges in psychosomatic research". Ripu D. Jindal and J. Richard Jennings

2009 Australian Associated Press General News, March 17. "FED: Australia leads global study on depression treatments"

2009 Sydney Morning Herald Article, March 18. “Drug Response Study Could Keep the Black Dog Down”

2007 Good Weekend Magazine Article, March 31. “States of Mind” (in Sydney Morning Herald & the Melbourne Age)

2006 Sydney Morning Herald Article, September 14. “The Quest to Unlock the Mysteries of ADHD”

2006 Daily Telegraph, Career One Feature Article, May 24. “How Do Our Minds Work”

2006 Sun-Herald (Health Report) Article, May 7. “New Hope for the Mentally Ill”

2005 Australian, Biotechnology News, March 7. “Schizophrenic Brains out of Synch”

STANFORD NEWS

2024 Stanford Medicine Magazine, issue 1: ‘Let’s talk about it’ and ‘We could be changing lives’

2022 Stanford Medicine SCOPE, Nov 4. “New visions for mental health care”

2018 Stanford Medicine SCOPE Blog, April 1. “New Stanford center focuses on precision mental health”

2017 Stanford Magazine, Jan/Feb. ‘To dose or not to dose?’

2017 Stanford Medicine SCOPE Blog, December 4. “Many different types of anxiety and depression exist, new study finds”
Picked up by multiple other national news and media forums

2017 Stanford Medicine SCOPE Blog, October 17. “New Stanford study takes steps toward integrating brain imaging into psychiatric care”

2017 ResearchGate news, April 10. “New biomarkers take the guesswork out of finding the right antidepressant”

2016 Stanford 1:2:1 Podcast, October 11. “Will Antidepressants Help?: A New Approach to Mental Health”

2016 Stanford Medicine SCOPE Blog, October 11. “A game-changer for the treatment of depression”

2016 Stanford Medicine news, October 10. “Researchers predict with high accuracy if antidepressants will help”

2016 Stanford Medicine Magazine. Full story in Winter issue focused on “Precision Health”: “Brain Waves. How neuroscience could determine your mental health treatment”

National Television (Australian)

2012 ABC News. Twins project on emotional wellbeing (May 21)

2010 7PM Project (June 30)

2010 7PM Project (February 18)

2009 Australian Broadcasting Corporation (ABC) News “400 Aussies wanted for depression test” (April 23)

2008 ABC TV ‘Sleek Geeks’ Program (January 24)

2007 SBS TV ‘Insight’ Program (March 20)

2006 ABC TV ‘Australian Story’ Program “Lover’s Leap” (August 21)

2006 ABC TV ‘Catalyst’ Program “Wisdom” (October 5)

2001 ABC TV ‘Catalyst’ Program: ‘Emotional brain’ and Emotional Brain and Schizophrenia’ (2-part series)

2001 Qantas In Flight segment. Part I of Catalyst program also shown as Qantas in flight Program

2000 National ABC TV News Interview on fMRI Schizophrenia Research (June 1)

International articles

2016 Reuters Health News. “Past child abuse may influence adult response to antidepressants” (May 13)

2014 News Medical, “Thought Leaders” series: “How do people become depressed? An interview with Anna Watters and Professor Lea Williams” (February 19)

2007 Wall Street Journal. “The Upside of Aging”, Sharon Begley (February 16) http://hpp.beckman.illinois.edu/news/UpsideAgingWSJFeb162007.pdf

2007 Boston Globe “Finally, a study older folks can be happy about” Judy Foreman, 934 words (July 9)

2007 St. Petersburg Times “You're not getting older, you're getting happier” Judy Foreman, Special to the Times, 810 words (July 31)

2006 Society for Neuroscience News Release. The Mellow Years: New Research Using Brain Scanning Shows More Positive Emotional Stability as Humans Grow Older (June 13)

2006 Science News. Mellow Years: More Positive Emotion as Humans Grow Older (June 24)

2005 Science Magazine. News Section. ‘Sex and the Suffering Brain’, 308, 1574-1577 (June 10) (Covering my research on sex differences in Williams et al. (2005). NeuroImage, 28, 618-626)

2005 Sydney Morning Herald Weekend News Review “Matter Over Mind” (October 8–9)

2005 Sunday Herald Sun, Sunday Telegraph, Sunday Mail, “The Year of Living Fearlessly” Lollie Barr 1246 words (November 6)

2004 Sydney Morning Herald “Surf Helps with the Brainwaves” Vanessa Wilson 695 words (March 18)

2004 Sydney Morning Herald “They Know What You're Thinking” Deborah Smith 2646 words (April 9)

2004 The Age “Science's Mind Games” Deborah Smith1507 words (April 10)

2004 Daily Telegraph, Career One Feature Article “The Brains of the Operation – Truth is out There.” (November 6)

2004 Sydney Morning Herald/The Age article “They Know What You’re Thinking/Sciences Mind Games” (April 9/10)

2001 Sydney Morning Herald. “Once More With Feelings: Smells, Tunes Stored in Brain for Instant Rewind.” (April 2)

2001 The Australian. “Gamblers Problem Could Be in The Genes” (November 28)

2001 The Australian. “Gamblers Brain Numb to Danger” (December 1)

2000 Sunday Telegraph Article “Happiness is in The Eyes” (May 7)

2000 Sun Herald article “Crows Feet May Tell Truth on Our Smiles” (May 7)

2000 Sunday Age article “Real Smiles to Crow About” (May 7)

2000 25 UK and European print articles (inc. Times newspaper) on Duchenne Smile Research, (January - March)

1999 The Australian, Higher Education Supplement Article on Eye Movement Research “Schizophrenics Don’t See Eye to Eye” (July 28)

Online Video

2025 5th annual Precision Mental Health Anniversary Symposium “Bridging Psychiatry, Neuroscience and AI” (September 26)

2024 4th annual Precision Mental Health and Wellness Anniversary Symposium “From Data to Care: Precision Medicine in Action for Mental Health” (September 13)

2024 Frontiers in Medicine, Stanford Medicine's annual event: 'AI in Bloom, A New Age in Human Health'. Presentation titled "Precision Mental Health: Personalizing Treatments" (September 19)

2024 KPIX | CBS News Bay Area: Brain imaging reveals distinct types of depression in study led by Stanford Medicine (June 17)

2024 Alan Hu Foundation webinar presentation "Precision Treatments for Depression: Are We Getting Closer?" (April 9)

2023 3rd Annual Symposium of the Precision Mental Health and Wellness "Precision Psychiatry, Personalized Neuroscience & the Future of Mental Health Treatment" (October 24)

2022 2nd Annual Precision Mental Health and Wellness Anniversary Symposium "The future of personalized neuroscience and mental health" (September 28)

2021 Precision Mental Health and Wellness Anniversary Symposium "The promise of precision health for prevention, early detection, and treatment in mental health" (September 24). Part 1, Part 2.

2020 Inscopix DECODE2020 Summit - The State of Mental Health: From Bench to Bedside to Society. Keynote presentation "Precision Mental Health: Biotyping for Mood Disorders" (November 9)

2020 National Alliance on Mental Health Santa Clara County (NAMI) general meeting: "Personalized Treatments for Mood Disorders" (October 13)

2020 World Economic Forum Global Future Council on Technology for Mental Health in collaboration with Deloitte, webinar: A Paradigm Shift in Technology and Mental Health (May 13). Panel discussion on hypothetical cases that give context to ethical questions, including ethical tensions that exist across the lifecycle of tech development.

2020 San Francisco virtual info session on Mental Health & Wellness During COVID-19 with Supervisor Matt Haney via Zoom and Facebook live stream (May 6)

2017-present Williams PanLab YouTube videos on Neuroscience-Informed Precision Psychiatry for mood and anxiety disorders

2019 World Economic Forum, Davos. Using big data to diagnose and treat clinical depression faster and more accurately

2018 Stanford Big Data in Precision Health Conference: Video of talk on "Precision Mental Health

2017 Flash Talk for Stanford Medical Center Development "Thank you" day (February)

Radio/Podcasts

2026 American Psychological Association Podcast: Speaking of Psychology
Precision mental health and personalized treatment, with Leanne Williams, PhD, and Zachary Cohen, PhD (January 14)

2024 Stanford Engineering "The Future of Everything" podcast with Russ Altman – 'The Future of Depression Care' (December 20)

2024 Stanford Medicine's Health Compass podcast: Episode 3 | Breaking the silence: Can we finally remove the stigma that too often prevents important mental health conversations?

2024 Depresh Mode with John Moe podcast: The Promising World of Precision Treatment for Depression (October 21)

2024 Stanford Wu Tsai Neuroscience Institute podcast "From Our Neurons to Yours": Depression's distinctive fingerprints in the brain (August 29)

2024 Kelly Corrigan Wonders: Going Deep on Finding Much Better Treatments for Depression

2023 Airtalk with Larry Mantle: There Are Many Subtypes of Depression: A New Stanford Study Seeks To Better Understand One (July 12)

2023 Medscape InDiscussion podcast: Utilizing Subtypes and Biotypes for Personalized Treatments of Major Depressive Disorder (July 11)

2019 Stanford Alumni Learn podcast: Empower Yourself: Knowing Your Own Brain with Leanne Williams

2018 BBC 4. “Futureproofing Mental Health”. Podcast (May 29)

2000 BBC World Service radio interview on Duchenne smile research (January 13)

2007 BBC radio interview on ‘Mellow Years’: Emotional Brain and Aging

Exhibits

2000 Exhibit in Wellcome Wing Project, Science Museum, London on Duchenne research, invited March.

GRANT FUNDING

Current Federal Funding

As PI

U01MH136062 05/2024 - 02/2029
Role: **MPI**
Funder: NIH
ACE-D: Accelerating Cognition-guided signatures to Enhance translation in Depression

P50DA042012 08/2023 - 09/2028
Role: **Project PI**
Overall Center PI: Karl Deisseroth
Funder: NIDA
NIDA Research "Center of Excellence" Grant Program (P50)
Overall Center title: Neural circuit dynamics of drug action
Deconstructing actions of drugs of abuse: Revealing, uncoupling, and restoring altered brain states

R01MH132962 09/2023 - 07/2028
Role: **MPI** (Contact PI for 5 MPI's: Sheline, University of Pennsylvania)
Funder: University of Pennsylvania/NIH
HCP-2.0: Ascertaining Network Mechanisms and Analytics of Emotional Dysfunction (HARMONY)

As co-I

R01MH130898 08/19/2022 - 05/31/2027
Role: **Co-Investigator** (PI: Poldrack, Stanford)
Funder: NIH
Data-driven validation of cognitive RDoC dimensions using deep phenotyping

R01MH124816 08/01/2021 - 05/31/2026
Role: **Co-Investigator** (PI: Cai, Stanford)
Funder: NIH
An integrative framework of cognitive control and reward modulation in children with ADHD: from brain dynamics to clinical symptoms

R61MH120245 07/2020 - 06/2025 (NCX)
Role: **Co-Investigator** (PI: Goldstein-Piekarski, Stanford)
Funder: NIH (NIMH)
A Novel Use of a Sleep Intervention to Target the Emotion Regulation Brain Network and Treat Depression and Anxiety

R01MH120776 09/2019 - 07/2025 (NCX)
Role: **Co-Investigator** (PI: Goldstein-Piekarski, Stanford)
Funder: NIH (NIMH)
Sleep disturbance and emotion regulation brain dysfunction as mechanisms of neuropsychiatric symptoms in Alzheimer's dementia

R01MH133553 08/2023 - 07/2028
Role: **Co-Investigator** (PI: Rodriguez, Stanford)
Funder: NIH
Examining Mu Opioid Mechanisms of Ketamine's Rapid Effects in OCD

Other Current Funding

The Development and Validation of Neural Targets in Opioid Use Disorder for Use Across Addictions — 4/2024 - 3/2027
Role: **Stanford PI**
Funder: Duke University/Wellcome Leap Inc. (WLCMLEAP)

Stanford Neurosciences Institute "Big Ideas" full funding — 2016 - present
Role: **Collaborator**
Funder: Stanford Neurosciences Institute
Neurochoice

Pilot Study of 3,4-Methylenedioxymethamphetamine (MDMA) in OCD (PI: Rodriguez) — 06/01/2022 - 05/31/2025
Role: **Co-Investigator**
Funder: Foundation for OCD Research (FFOR)

Previous NIH Funding

R01MH120126 — 09/2019 - 05/2025
Role: **PI**
Funder: NIH (NIMH)
Mechanistic circuit markers of transcranial magnetic stimulation outcomes in pharmacoresistant depression

R01MH105461 — 09/01/2015 - 06/30/2023
Role: **Co-Investigator** (PI: Rodriguez, Stanford)
Funder: NIH (NIMH)
NMDAR Modulation As A Therapeutic Target and Probe of Neural Dysfunction in OCD
To determine how NMDA receptor modulation modifies the underlying pathology of OCD to relieve repetitive thoughts and behaviors.

P50DA042012 — 09/01/2017 - 04/30/2022
Role: **Project 4 PI**
Overall Center PI: Karl Deisseroth
Funder: NIDA
NIDA Research "Center of Excellence" Grant Program (P50)
Overall Center title: Neural circuit dynamics of drug action
Mapping the Influence of Drugs of Abuse on Risk and Reward Circuits

U01MH109985 — 07/01/2017 - 04/30/2022
Role: **PI**
Funder: NIH (Human Connectome Project)
Mapping connectomes for disordered emotional states

UH2HL132368 — 09/01/2018 - 08/31/2021
Role: **co-PI** (Williams and Ma)
Funder: NIH
NIH Science of Behavior Change initiative UH3 phase
Engaging self-regulation targets to understand the mechanisms of behavior change and improve mood and weight outcomes

UH2AG052163 09/01/2015 - 08/31/2020
Role: **co-PI** (Williams and Ma, Palo Alto Medical Foundation)
Funder: NIH
Competitive renewal for the UH3 phase awarded 09/01/2018.
Engaging self-regulation targets to understand the mechanisms of behavior change and improve mood and weight outcomes, UH2 phase. An integration of human neuroscience and behavioral science, in response to the NIH Commons Science of Behavior Change initiative. A 2-phased project to identify, validate and refine a set of brain imaging and behavioral assays to measure self-regulation targets, and to engage these targets to optimize behavioral treatment of depression comorbid with obesity.

R33AT009305 08/15/2016 - 07/31/2019
Role: **Co-investigator** (PI: Williams, N)
Funder: NIH (NCCIH)
Use of repetitive transcranial magnetic stimulation to augment hypnotic analgesia.

R01 MH101496 09/01/2013 - 08/30/2018
Role: **PI**
Funder: NIH (NIMH)
Neural Dimensions of Threat Reactivity and Regulation for Understanding Anxiety
To examine the RDoC construct of reactivity and regulation of potential threat in a sample of treatment seeking individuals experiencing anxiety symptoms using neuroimaging, symptom and behavioral measures.

Previous Other Competitive Federal Funding

Project Grant 1087560* 03/01/2015 - 02/28/2018
Role: **Co-Investigator** (PI: Korgaonkar, Sydney Medical School)
Funder: National Health and Medical Research Council of Australia (NHMRC)*.
Brain connectivity imaging markers to confirm diagnosis for Bipolar vs. Unipolar Depression.

Project Grant 1004822* 06/30/2011 - 12/31/2014
Role: **PI**
Funder: National Health and Medical Research Council
General and Emotional Cognition in Early Onset Psychosis: GEM Study
Using functional MRI and behavioral measures to identify which young individuals have impairments in emotional and cognitive functions at first onset of psychosis, and which predict clinical outcomes at 6 months.

Project Grant 1008080* 06/30/2011 - 12/31/2014
Role: **Co-Investigator** (PI: Korgaonkar, University of Sydney)
Funder: National Health and Medical Research Council
Limbic Maturational Changes in Adolescence and Young Adulthood (LIMCA): A Longitudinal Study
Using brain imaging to specify the brain circuitry changes that occur over adolescence, since it is such a peak period for the onset of major disorders of depression, anxiety and psychosis.

Discovery Project DP120104496 03/31/2011 - 03/31/2013
Role: **PI**
Funder: Australian Research Council
Understanding the Emotional Brain in Risk for Depression
To use fMRI and EEG measures of fear circuitry in a longitudinal design to identify which participants at high risk, defined by genetic variants and family history, convert to clinical depression over 12 months.

Center of Excellence 455431** 03/01/2007 - 12/31/2011
Role: **Co-PI**
Funder: National Health and Medical Research Council
Centre of Clinical Research Excellence (CCRE) in Anxiety and Neuroscience
To establish an inter-disciplinary program of clinical neuroscience research to translate findings from animal work to human patients with anxiety – focusing on PTSD - to identify predictors of treatment outcomes.

Linkage LP0883621 07/01/2008 - 12/31/2011
Role: **PI**
Funder: Australian Research Council
Gene-Brain Pathways in Emotional Brain Stability and Instability
A prospective study of a national twin cohort, designed to identify endophenotypes for emotional brain health using self-report, genomic, cognitive, psychophysiological and brain imaging modalities.

Project 457424* 03/01/2009 - 06/30/2011
Role: **Co-Investigator** (PI: Kohn)
Funder: National Health and Medical Research Council
ACTION: A Controlled Trial of Non-stimulants in ADHD

Senior Research Fellowship 09/05/2004 - 05/30/2010
Role: **PI**
Funder: Pfizer Foundation
Missing Links: The Cause and Treatment of Functional Disconnections in Brain Disorders
This is a $1M fellowship for high-risk biomedical research, awarded to one or two researchers in the country each year and aimed at retaining talented researchers at the Associate Professor level. The focus was on characterizing the brain circuits disconnections that classify and predict treatment outcome in the major psychiatric disorders.

Discovery Project DP077394* 03/01/2007 - 06/30/2010
Role: **PI**
Funder: Australian Research Council
Identifying Risk Factors for Depression: A Cognitive Neuroscience Approach
To assess neurobiological risk factors for depression and associated anxiety, focusing on brain imaging of emotional circuits and their modulation by genetic variants.

Discovery Project DP0452237* 03/01/2008 - 06/30/2010
Role: **PI**
Funder: Australian Research Council
Towards a Continuum Model of Orienting and Defense

Linkage Project LP0455104* 03/01/2007 - 06/30/2009
Role: **PI**
Funder: Australian Research Council
Development of Integrative Markers of Brain Function

Discovery Project DP0345481* 03/01/2005 - 06/30/2007
Role: **PI**
Funder: Australian Research Council
A biosignature for supraliminal and subliminal emotion processing

Linkage Project LP0212048* 03/01/2004 - 06/30/2006
Role: **Co-I** (PI Bryant)
Funder: Australian Research Council
Identifying Malingered Posttraumatic Stress Disorder: Biological Markers for Legal Assessment

Project A00104478* 03/01/2003 - 06/30/2005
Role: **PI**
Funder: Australian Research Council
When, Where and How of Emotion Processing

***** In terms of scope and competitiveness, NHMRC Project Grants are the equivalent of NIH R01 grants, and ARC Discovery Project (DP) Grants are the equivalent of NSF grants.

** NHMRC CCRE grants are the equivalent of NIH P50 Center of Excellence grant.

Past Clinical Trial Agreement (CTA) Funding

CTA 09/01/2008 - 02/01/2014
Sponsor: Brain Resource, Ltd.
Role: **Academic PI**
international Study to Predict Optimized Treatment for Depression (iSPOT-D)
A practical trial coupled with neurobiological assessments to identify predictors of treatment response outcomes in major depressive disorder. Standardized measures of behavioral performance, EEG and brain imaging recordings were undertaken pre-treatment and 8-weeks post-treatment, after randomization to one of three antidepressant medications.

CTA 02/01/2011 - 02/01/2014
Sponsor: Brain Resource, Ltd.
Role: **Academic PI**
international Study to Predict Optimized Treatment for ADHD (iSPOT-A)
A practical trial coupled with neurobiological assessments to identify predictors of treatment response in ADHD. Clinical, cognitive, EEG and brain imaging measures were undertaken pre-treatment and following six weeks treatment with stimulant medication in children and adolescents with ADHD.

Other Previous Funding

Using Wearable Electrodermal Activity (EDA) Sensors to Augment ADHD Diagnosis 10/01/2021 - 09/30/2024
Role: **PI**
Funder: Stanford Institute for Human-Centered Artificial Intelligence (SUHAI)

Targeting mechanisms of cognitive impairment in patients with depression using a selective alpha2a-adrenergic agonist and imaging tool endpoints 06/20/2022 - 01/31/2024
Role: **PI**
Funder: Stanford Innovative Medicine Accelerator (IMA)
2022 Winter Experimental Human Biology RFP

A Wearable Sensing Platform to Understand Mental Health and Physical Performance (PI Bao) 05/01/2022 - 04/30/2023
Role: **Co-PI**
Funder: Stanford Human Performance Alliance

Pilot Study to Identify Modifiable Transdiagnostic Suicide Attempt Risk Factors (PI: Rodriguez) 10/01/2019 - 09/30/2022
Role: **Co-Investigator**
Funding: American Foundation for Suicide Prevention

Infection Recovery in SARS-CoV2 (IRIS) Neurostudy - Phase 2 04/01/2021 - 03/31/2022
Role: **PI**
Funder: Stanford ChEM-H/Innovative Medicine Accelerator (IMA)
“COVID Response Outpatient Studies on Human Subjects” RFP

Infection Recovery in SARS-CoV-2 (IRIS) Neurostudy 07/01/2020 - 03/31/2022
Role: **PI**
Funder: Stanford ChEM-H/Innovative Medicine Accelerator (IMA)

Translational and Clinical Biomedical Innovation Award 2017 - 2020
Role: **PI**
Funder: Stanford School of Medicine Biomedical Innovation program
Precision mental health: Evaluating biotype-guided interventions for depression

Catalyst for Collaborative Solutions 04/01/2017 - 12/31/2020
Role: **Co-PI** (with Bao, PI)
Funder: Stanford University. Program is focused on catalyzing collaborations across Engineering, Medical, and Sciences and Humanities.
Effective, Scalable, and Affordable Strategies for Mental Health.

Apple Watch seed grant 2017 - 2019
Role: **PI**
Funder: Stanford Center for Digital Health
Stop watch: Reducing hyperactivity and supporting attention for youth with ADHD

Center for Neurobiological Imaging (CNI) Seed Grant 10/29/2014 - 03/31/2015
Stanford University
Role: **Co-Investigator** (PI: Padula, Stanford University)
"Neural mechanisms of reward and emotional brain circuitry underlying alcohol craving in men and women".
To examine neural correlates of emotion and reward in men and women with alcohol use disorders and provide pilot data for career development award.

PATENTS

1. **Williams LM** (2020). Systems and methods for detecting complex networks in MRI image data. US Patent App. 16/921,388 of July 6, 2020. Patent No. US 11,701,078 of July 18, 2023.
2. **Williams LM** (2020). Systems and methods for detecting complex networks in MRI image data. US Patent App. 16/368,774 of March 28, 2019; Patent No. US 10,702,232 B2 of July 7, 2020.
3. **Williams LM** (2018). Systems and methods for detecting complex networks in MRI image data. US Patent App. 15/997,631 of June 4, 2018; Patent No. US 10,285,658 of May 14, 2019.
4. **Williams LM** (2018). Systems and methods for detecting complex networks in MRI image data. US Patent App. 15/820,338 of November 21, 2017; Patent No. US 10,034,645 of July 31, 2018.
5. **Williams LM**. PCT/US2018/027606 including any foreign counterparts.

BIBLIOGRAPHY

Summary: 418 peer-reviewed articles reporting original research
25 invited reviews/reports/editorials/peer-reviewed commentaries
1 book and 15 book chapters

Impact:

- H-index = 129. Based on all citations.
- World ranking across all fields = 128 (118 in psychiatry)
based on career-long data from Scopus, taken as a snapshot as of August 1, 2024, with the ranking based on a composite indicator (c-score) based on six citation indices, including total number of citations, hirsch h-index co-authorship adjusted hm-index, and number of citations as a single author, single or first author, and signal, first, or last author (Ioannidis, John P.A. (2024). "August 2024 data-update for "Updated science-wide author databases of standardized citation indicators"", Elsevier Data Repository, V7, doi: 10.17632/btchxktzyw.7).
- World percentile = 99.93%, derived from the world ranking, based on career-long data from Scopus
- Best Female Scientists in the World Award, 2022, 2023, 2024 and 2025, based on h-index ranking within the top 1,000 female scientists across disciplines (research.com)

Peer-Reviewed Articles (418 published)

1. Korgaonkar MS, Tobler C, Felmingham K, **Williams LM**, Bryant RA, Breukelaar IA (2026). Emotional scars: limbic brain processing alterations in adults with childhood abuse across mental health disorders. Mol Psychiatry, 31(7):3945-3954. Epub 2026 Mar 5. PMID: 41786891; PMCID: PMC13269135. doi: 10.1038/s41380-026-03511-9
2. Pines AR, Zhang X, Kochalka J, Vesuna SS, Kauvar IV, Rajasekharan D, Reneau TR, Akiki TJ, Hack LM, Siegel JS, **Williams LM** (2026). Psychedelics disrupt hierarchical cortical propagations in the default mode network of humans and mice. Proc Natl Acad Sci U S A, 123(24):e2522000123. Epub 2026 Jun 8. PMID: 42258710; PMCID: PMC13273280. doi: 10.1073/pnas.2522000123
3. Bian Y, Zeng D, Yang HJ, **Williams LM**, Wang Y (2026). Integrative learning of individualized treatment rules from multiple studies with partially overlapping treatments. Biometrics, 82(2):ujag083. PMID: 42227819; PMCID: PMC13227520. doi: 10.1093/biomtc/ujag083
4. Krause AJ, Osorno R, Solomon NL, Ahmadi M, Lam P, Magana O, Blozyte-Sakenis E, Harris LN, Babros MC, Izabel SS, Bernert RA, **Williams LM**, Gross JJ, Ma J, Lazzeroni LC, Yesavage JA, Manber R, Saletin JM, Goldstein-Piekarski AN (2026). Examining fronto-limbic brain and sleep mechanisms of antidepressant effects in cognitive-behavioral therapy for insomnia. Neuropsychopharmacology. 2026 May 7. Epub ahead of print. PMID: 42098309; PMCID: PMC13268098. doi: 10.1038/s41386-026-02431-0
5. Warthen KG, Keller AS, **Williams LM** (2026). Relationship of Behavioral Activation to Time-Varying Sub-Network Coherence in Attention and Reward Neural Networks. Brain Topogr, 39(3):34. PMID: 41874785. doi: 10.1007/s10548-026-01189-4
6. Korgaonkar MS, Tobler C, Felmingham K, **Williams LM**, Bryant RA, Breukelaar IA (2026). Emotional scars: limbic brain processing alterations in adults with childhood abuse across mental health disorders. Mol Psychiatry. Epub ahead of print. PMID: 41786891; PMCID: PMC13269135. doi: 10.1038/s41380-026-03511-9
7. Connon E, Park HRP, Turner RM, **Williams LM**, Gatt JM (2026). The 12-year longitudinal impact of risk and resilience trajectories on adult health following childhood trauma. Am Psychol. Epub ahead of print. PMID: 41785132. doi: 10.1037/amp0001658
8. Zheng H, Savitz J, Haroon E, Ahern J, Loughnan RJ, Naber F, Xu B, Forthman KL, Aupperle RL, **Williams LM**, Paulus MP, Fan CC, Thompson WK (2026). Polygenic score for C-reactive protein is

linked to faster cortical thinning and psychopathology risk in adolescents. Nature Mental Health, 4:427-438. PMID: 41821624 PMCID: PMC12975513 doi: 10.1038/s44220-026-00585-w

9. Hack L, Jubeir J, Hilton R, Tozzi L, Boyar L, Zhang X, Lyons T, Jo B, O'Hara R, Schatzberg A, **Williams LM** (2025). A stratified precision medicine trial targeting α2A-adrenergic receptor agonism as a treatment for the cognitive biotype of depression. Nature Mental Health, 3(11):1363–1373. PMID: 41211529 PMCID: PMC12589093 doi: 10.1038/s44220-025-00510-7
FWCI 1.29; 82nd percentile globally (Scopus)

    Research Briefing on this paper: Targeting a specific molecular mechanism alleviates the cognitive biotype of depression (2025). Nat. Mental Health, 3:1302–1303. doi: 10.1038/s44220-025-00539-8

10. Akiki TJ, **Williams LM**, Wolfers T, Yang Y, Stahl D, Gillan CM (2025). Transforming psychiatry with computational and brain-based methods. Nat Comput Sci, 5(10):844-847. PMID: 41073628. doi: 10.1038/s43588-025-00884-9.

11. Colbert SMC et al. (2025). Defining suicidality phenotypes for genetic studies: perspectives of the Psychiatric Genomics Consortium Suicide Working Group. Mol Psychiatry, 30:6144–6154. Epub ahead of print. PMID: 40999039 PMCID: PMC12602352 doi: 10.1038/s41380-025-03271-y
FWCI 1.68; 86th percentile globally (Scopus)

12. Ahn J, Foland-Ross L, Akiki TJ, Boyar L, Wydler I, Bostian C, Zhang X, Yang HJ, Ellsay A, Ma E, Rajasekharan D, Holtzheimer P, Lim K, Madore M, Philip N, Ajilore O, Ma J, **Williams LM** (2025). Developing Clinically Interpretable Neuroimaging Biotypes in Psychiatry. Biol Psychiatry, 99(10):810-829. PMID: 40930375. PMCID: PMC12794838 doi: 10.1016/j.biopsych.2025.08.019
FWCI 2.97; 96th percentile globally (Scopus)

13. Akiki TJ, Jubeir J, Bertrand C, Tozzi L, **Williams LM** (2025). Neural circuit basis of pathological anxiety. Nature Reviews Neuroscience, 26(1):5-22. Epub 2024 Nov 27. PMID: 39604513 doi: 10.1038/s41583-024-00880-4
FWCI 5.66; 99th percentile globally (Scopus)

14. Zhang X, Hack LM, Bertrand C, Hilton R, Gray NJ, Boyar L, Laudie J, Heifets BD, Suppes T, van Roessel PJ, Rodriguez CI, Deisseroth K, Knutson B, **Williams LM** (2025). Negative Affect Circuit Subtypes and Neural, Behavioral, and Affective Responses to MDMA: A Randomized Clinical Trial. JAMA Network Open, 8(4):e257803. PMID: 40305021; PMCID: PMC12044494. doi: 10.1001/jamanetworkopen.2025.7803
FWCI 3.10; 89th percentile globally (Scopus)

15. Leikauf JE, Griffiths KR, Clarke SD, Kohn MR, **Williams LM** (2025). Attention-Deficit/Hyperactivity Disorder Subtypes Defined by Cognition Have a Distinct Neural and Clinical Profile and Differ in Response to Atomoxetine. J Am Acad Child Adolesc Psychiatry. 2025 Jul 15:S0890-8567(25)00337-5. Epub ahead of print. PMID: 40681145. doi: 10.1016/j.jaac.2025.07.007

16. Rajasekharan D, Madore MR, Holtzheimer P, Lim KO, **Williams LM***, Philip NS* (2025). Personalized models of BeamF3 targeting in transcranial magnetic stimulation for depression: Implications for precision clinical translation. Brain Stimulation, 18(3):829-837. PMID: 40194594; PMCID: PMC12119053 doi: 10.1016/j.brs.2025.04.003
FWCI 3.78; 93rd percentile globally (Scopus)

    * Equally credited senior authors.

17. Haris EM, Bryant RA, Felmingham KL, **Williams LM**, Korgaonkar MS (2025). Functional connectivity profiles of amygdala subregions in posttraumatic stress disorder. Transl Psychiatry, 15(1):280. PMID: 40804236; PMCID: PMC12350740. doi: 10.1038/s41398-025-03508-y

18. Yu JJ, **Williams LM**, Tanabe J, Schmitt JE, Dagher R (2025). From Scanner to Bedside: Building Bridges in Translational Psychiatric Neuroimaging. Am J Psychiatry, 182(8):793. PMID: 40746054. doi: 10.1176/appi.ajp.20240974

19. Kauvar I, Richman EB, Liu TX, Li C, Vesuna S, Chibukhchyan A, Yamada L, Fogarty A, Solomon E, Choi EY, Mortazavi L, Chau Loo Kung G, Mukunda P, Raja C, Gil-Hernández D, Patron K, Zhang X,

Brawer J, Wrobel S, Lusk Z, Lyu D, Mitra A, Hack L, Luo L, Grosenick L, van Roessel P, **Williams LM**, Heifets BD, Henderson JM, McNab JA, Rodríguez CI, Buch V, Nuyujukian P, Deisseroth K (2025). Conserved brain-wide emergence of emotional response from sensory experience in humans and mice. Science, 388(6750):eadt3971. PMID: 40440375 doi: 10.1126/science.adt3971
FWCI 3.97; 97th percentile globally (Scopus)

20. Rodríguez PAM, Pines A, Zhang X, van Roessel PJ, Mukunda P, McCarthy E, **Williams LM**, Rodríguez CI (2025). Exploring the effects of cognitive behavioral therapy on cognitive control circuit and behavioral task performance in hoarding disorder. Journal of Psychiatric Research, 186:423-433. PMID: 40315751; PMCID: PMC12173174 doi: 10.1016/j.jpsychires.2025.04.010.

21. Park HRP, Egan LA, Chilver MR, Schofield PR, **Williams LM**, Gatt JM (2025). The moderating effect of recent positive and negative life events on the impact of early life stress on mental wellbeing and distress. Journal of Psychiatric Research, 182:166-176. PMID: 39813961 doi: 10.1016/j.jpsychires.2024.12.047.

22. Gozdas E, Avelar-Pereira B, Fingerhut H, Dacorro L, Jo B, **Williams LM**, O'Hara R, Hosseini SMH (2024). Long-term cognitive training enhances fluid cognition and brain connectivity in individuals with MCI. Transl Psychiatry, 14(1):447. PMID: 39443463; PMCID: PMC11500385 doi: 10.1038/s41398-024-03153-x
FWCI 2.24; 89th percentile globally (Scopus)

23. Bryant R, Breukelaar I, Williamson T, Felmingham K, **Williams LM**, Korgaonkar M (2024). The neural connectome of suicidality in adults with mood and anxiety disorders. Nature Mental Health, 2:1342–1349. PMID: 39525802 PMCID: PMC11540851 doi: 10.1038/s44220-024-00325-y
FWCI 2.22; 89th percentile globally (Scopus)

24. Kas MJH, Hyman S, **Williams LM**, Hidalgo-Mazzei D, Huys QJM, Hotopf M, Cuthbert B, Lewis CM, De Picker LJ, Lalousis PA, Etkin A, Modinos G, Marston HM (2024). Towards a consensus roadmap for a new diagnostic framework for mental disorders. European Neuropsychopharmacology, 90:16-27. PMID: 39341044. doi: 10.1016/j.euroneuro.2024.08.515
FWCI 5.10; 95th percentile globally (Scopus)

25. **Williams LM** (2024). Decoding Depression: Integrating Brain Connectivity and Symptom Patterns to Uncover Major Depressive Disorder Subtypes. Biol Psychiatry, 96(6):415-416. PMID: 39168540. doi: 10.1016/j.biopsych.2024.07.002

26. Pines A, Tozzi L, Bertrand C, Keller AS, Zhang X, Whitfield-Gabrieli S, Hastie T, Larsen B, Leikauf J, **Williams LM** (2024). Psychiatric Symptoms, Cognition, and Symptom Severity in Children. JAMA Psychiatry, 81(12):1236-1245. PMID: 39196567; PMCID: PMC11359114. doi: 10.1001/jamapsychiatry.2024.2399

27. Zhang X, Pines A, Stetz P, Goldstein-Piekarski AN, Xiao L, Lv N, Tozzi L, Lavori PW, Snowden MD, Venditti EM, Smyth JM, Suppes T, Ajilore O, Ma J, **Williams LM** (2024). Adaptive cognitive control circuit changes associated with the problem-solving ability and depression symptom outcomes over 24 months. Science Translational Medicine, 16(763):eadh3172. PMID: 39231241 doi: 10.1126/scitranslmed.adh3172

28. Tozzi L, Zhang X, Pines A, Olmsted AM, Zhai ES, Anene ET, Chesnut M, Holt-Gosselin B, Chang S, Stetz PC, Ramirez CA, Hack LM, Korgaonkar MS, Wintermark M, Gotlib IH, Ma J, **Williams LM** (2024). Personalized brain circuit scores identify clinically distinct biotypes in depression and anxiety. Nature Medicine, 30(7):2076-2087. PMID: 38886626 PMCID: PMC11271415 doi: 10.1038/s41591-024-03057-9
ESI Highly Cited Paper (Web of Science). FWCI 26.35; 99th percentile globally (Scopus)

    Commentary on this article: Dunlop BW, Mayberg HS (2024). The capacity of brain circuits to enhance psychiatry. Nat Med, 30(7):1834-1835. PMID: 38937589 doi: 10.1038/s41591-024-03090-8

29. Tozzi L, Bertrand C, Hack LM, Lyons T, Olmsted AM, Rajasekharan D, Chen T, Berlow YA, Yesavage JA, Lim K, Madore M, Philip NS, Holtzheimer P, **Williams LM** (2024). A cognitive neural circuit biotype of depression showing functional and behavioral improvement after transcranial magnetic

stimulation in the B-SMART-fMRI trial. Nature Mental Health, 2:987-998. PMID: 39911692 PMCID: PMC11798407 doi: 10.1038/s44220-024-00271-9
FWCI 2.69; 92nd percentile globally (Scopus)

30. Shan ZY, Can AT, Mohamed AZ, Dutton M, Hermens DF, Calhoun VD, **Williams LM,** Bennett M, Lagopoulos J (2024). Oral ketamine effects on dynamics of functional network connectivity in patients treated for chronic suicidality. Eur Arch Psychiatry Clin Neurosci, 275(5):1347-1357. PMID: 38772940; PMCID: PMC12271241. doi: 10.1007/s00406-024-01831-x
FWCI 1.58; 82nd percentile globally (Scopus)

31. Hack LM, **Williams LM** (2024). Insight from integrating objective data into psychiatric encounters. Psychiatric Annals, 54(4):e113-e118. doi: 10.3928/00485713-20240314-02

32. **Williams LM**, Yesavage J (2024). Cognitive control circuit function predicts antidepressant outcomes: A signal detection approach to actionable clinical decisions. Personalized Medicine in Psychiatry, 45:100126. doi: 10.1016/j.pmip.2024.100126

33. Song EJ, Tozzi L, **Williams LM** (2024). Brain circuit derived biotypes for treatment selection in mood disorders: A critical review and illustration of a functional neuroimaging tool for clinical translation. Biol Psychiatry, 96(7): 552-563. PMID: 38552866; PMCID: PMC12167077
doi:10.1016/j.biopsych.2024.03.016
FWCI 0.70; 84th percentile globally (Scopus)

34. Tenekedjieva LT, McCalley DM, Goldstein-Piekarski AN, **Williams LM**, Padula CB (2024). Transdiagnostic Mood, Anxiety and Trauma Symptom Factors in Alcohol Use Disorder: Neural Correlates Across Three Brain Networks. Biol Psychiatry Cogn Neurosci Neuroimaging, S2451-9022(24)00064-8. PMID: 38432622 doi: 10.1016/j.bpsc.2024.01.013.

35. Hilton RA, Tozzi L, Nesamoney S, Kozlowska K, Kohn MR, Harris A, Clarke S, **Williams LM** (2024). Transdiagnostic neurocognitive dysfunction in children and adolescents with mental illness. Nature Mental Health, 2:299–309 doi: 10.1038/s44220-023-00199-6
FWCI 1.59; 84th percentile globally (Scopus)

36. Park HRP, Chilver MR, Quidé Y, Montalto A, Schofield PR, **Williams LM**, Gatt JM (2024). Heritability of cognitive and emotion processing during functional MRI in a twin sample. Human Brain Mapping, 45(1):e26557. PMID: 38224545 PMCID: PMC10785190 doi: 10.1002/hbm.26557

37. Padula CB, McCalley DM, Tenekedjieva LT, MacNiven K, Rauch A, Morales JM, Knutson B, Humphreys K, **Williams LM**, Durazzo TC (2024). A pilot, randomized clinical trial: Left dorsolateral prefrontal cortex intermittent theta burst stimulation improves treatment outcomes in veterans with alcohol use disorder. Alcohol Clin Exp Res (Hoboken). 48(1):164-177. Epub 2024 Jan 10. PMID: 38197808 doi: 10.1111/acer.15224
FWCI 2.06; 86th percentile globally (Scopus)

38. Vreijling SR, Chin Fatt CR, **Williams LM**, Schatzberg AF, Usherwood T, Nemeroff CB, Rush AJ, Uher R, Aitchison KJ, Köhler-Forsberg O, Rietschel M, Trivedi MH, Jha MK, Penninx BWJH, Beekman ATF, Jansen R, Lamers F (2023). Features of immunometabolic depression as predictors of antidepressant treatment outcomes: pooled analysis of four clinical trials. The British Journal of Psychiatry, 224(3):89-97. PMID: 38130122 PMCID: PMC10884825 doi: 10.1192/bjp.2023.148
FWCI 4.92; 96th percentile globally (Scopus)

39. Hack LM, Zhang X, Heifets BD, Suppes T, van Roessel PJ, Yesavage JA, Gray NJ, Hilton R, Bertrand C, Rodriguez CI, Deisseroth K, Knutson B, **Williams LM** (2023). Ketamine's acute effects on negative brain states are mediated through distinct altered states of consciousness in humans. Nature Communications, 14(1):6631. PMID: 37857620 PMCID: PMC10587184 doi: 10.1038/s41467-023-42141-5
FWCI 0.88; 81st percentile globally (Scopus)

40. Hickie IB, **Williams LM** (2023). Will new brain circuit focused methods (EEG, fMRI, etc.) lead to more personalized care options? Research Directions: Depression, 1-4. doi: 10.1017/dep.2023.22

41. Docherty AR, Mullins N, Ashley-Koch AE, … **Williams LM**… et al. (2023). GWAS Meta-Analysis of Suicide Attempt: Identification of 12 Genome-Wide Significant Loci and Implication of Genetic Risks for Specific Health Factors. Am J Psychiatry, 180(10):723-738. PMID: 37777856 PMCID: PMC10603363 doi: 10.1176/appi.ajp.21121266
FWCI 15.26; 99th percentile globally (Scopus)

42. **Williams LM**, Carpenter W, Carretta C, Papanastasiou E, Vaidyanathan U (2023). Precision psychiatry and Research Domain Criteria: Implications for clinical trials and future practice. CNS Spectrums, 29(1):26-39. PMID: 37675453 doi:10.1017/S1092852923002420
FWCI 3.11; 97th percentile globally (Scopus)

43. Hack LM, Tozzi L, Zenteno S, Olmsted AM, Hilton, Jubeir J, Korgaonkar MS, Schatzberg AF, Yesavage JA, O'Hara R, **Williams LM** (2023). A cognitive biotype of depression linking symptoms, behavior measures, neural circuits, and differential treatment outcomes: A randomized clinical trial. JAMA Network Open, 6(6):e2318411. PMID: 37318808 PMCID: PMC10273022 doi: 10.1001/jamanetworkopen.2023.18411
FWCI 14.18; 99th percentile globally (Scopus)

44. Rijsketic DR, Casey AB, Barbosa DAN, Zhang X, Hietamies TM, Ramirez-Ovalle G, Pomrenze MB, Halpern CH, **Williams LM**, Malenka RC, Heifets BD (2023). UNRAVELing the synergistic effects of psilocybin and environment on brain-wide immediate early gene expression in mice. Neuropsychopharmacology, 48(12):1798-1807. PMID: 37248402 PMCID: PMC10579391 doi: 10.1038/s41386-023-01613-4
FWCI 3.60; 94th percentile globally (Scopus)

45. Hietamies TM, McInnes LA, Klise AJ, Worley MJ, Qian JJ, **Williams LM**, Heifets BD, Levine SP (2023). The effects of ketamine on symptoms of depression and anxiety in real-world care settings: A retrospective controlled analysis. Journal of Affective Disorders, 355:484-492. PMID: 37201900 doi: 10.1016/j.jad.2023.04.141
FWCI 2.76; 90th percentile globally (Scopus)

46. Berlow YA, Zandvakili A, Brennan MC, **Williams LM**, Price LH, Philip NS (2023). Modeling the antidepressant treatment response to transcranial magnetic stimulation using an exponential decay function. Scientific Reports, 13(1):7138. PMID: 37130868 PMCID: PMC10154303 doi: 10.1038/s41598-023-33599-w

47. Chilver MR, Champaigne-Klassen E, Schofield PR, **Williams LM**, Gatt JM (2023). Predicting wellbeing over one year using sociodemographic factors, personality, health behaviours, cognition, and life events. Scientific Reports, 13(1):5565. PMID: 37019908 PMCID: PMC10076502 doi: 10.1038/s41598-023-32588-3
FWCI 1.29; 89th percentile globally (Scopus)

48. Korgaonkar MS, Felmingham KL, Malhi GS, Williamson TH, **Williams LM**, Bryant RA (2023). Changes in neural responses during affective and non-affective tasks and improvement of posttraumatic stress disorder symptoms following trauma-focused psychotherapy. Translational Psychiatry, 13(1):85. PMID: 36894538 PMCID: PMC9998447 doi: 10.1038/s41398-023-02375-9

49. Padula CB, Tenekedjieva LT, McCalley D, MacNiven K, Knutson B, **Williams LM** (2023). Using neuroimaging in optimization of NIBS in addiction. Brain Stimulation, 16(1):141. doi: 10.1016/j.brs.2023.01.084

50. Pines A, Keller AS, Larsen B, Bertolero M, Ashourvan A, Bassett DS, Cieslak M, Covitz S, Fan Y, Feczko E, Houghton A, Rueter AR, Saggar M, Shafiei G, Tapera TM, Vogel J, Weinstein SM, Shinohara RT, **Williams LM**, Fair DA, Satterthwaite TD (2023). Development of top-down cortical propagations in youth. Neuron, 111(8):1316-1330.e5. PMID: 36803653 PMCID: PMC10121821 doi: 10.1016/j.neuron.2023.01.014
FWCI 2.32; 90th percentile globally (Scopus)

51. Hallihan H, Tsai P, Lv N, Xiao L, Peñalver Bernabé B, Wu Y, Pandey GN, **Williams LM**, Ajilore OA, Ma J (2023). Affective neural circuits and inflammatory markers linked to depression and anxiety

symptoms in patients with comorbid obesity. Journal of Psychiatric Research, 160:9-18. PMID: 36764197 doi: 10.1016/j.jpsychires.2023.01.044

52. Lv N, Hallihan H, Xiao L, **Williams LM**, Ajilore OA, Ma J (2023). Association of Changes in Neural Targets and Dietary Outcomes among Patients with Comorbid Obesity and Depression: Post hoc Analysis of ENGAGE-2 Mechanistic Clinical Trial. The Journal of Nutrition, 153(3):880-896. PMID: 36931755 PMCID: PMC10196721 doi: 10.1016/j.tjnut.2023.01.022

53. Korgaonkar MS, Breukelaar IA, Felmingham K, **Williams LM**, Bryant RA (2023). Association of Neural Connectome With Early Experiences of Abuse in Adults. JAMA Network Open. 6(1):e2253082. PMID: 36701155 PMCID: PMC9880798 doi: 10.1001/jamanetworkopen.2022.53082
FWCI 2.63; 87th percentile globally (Scopus)

54. Scangos KW, State MW, Miller AH, Baker JT, **Williams LM** (2023). New and Emerging Approaches to Treat Psychiatric Disorders. Nature Medicine, 29(2):317-333. PMID: 36797480 PMCID: PMC11219030 doi: 10.1038/s41591-022-02197-0
FWCI 6.19; 99th percentile globally (Scopus)

55. van Roessel PJ, Marzke C, Varias AD, Mukunda P, Asgari S, Sanchez C, Shen H, Jo B, Gunaydin LA, **Williams LM**, Rodriguez CI (2022). Anosognosia in hoarding disorder is predicted by alterations in cognitive and inhibitory control. Sci Rep. 2022 Dec 16;12(1):21752. PMID: 36526652 PMCID: PMC9758191 doi: 10.1038/s41598-022-25532-4

56. Park HRP, **Williams LM**, Turner RM, Gatt JM (2022). TWIN-10: protocol for a 10-year longitudinal twin study of the neuroscience of mental well-being and resilience. BMJ Open 12(7), e058918. PMID: 35777871 PMCID: PMC9252211 doi: 10.1136/bmjopen-2021-058918

57. Saad JF, Griffiths KR, Kohn MR, Braund TA, Clarke S, **Williams LM**, Korgaonkar MS (2022). Intrinsic functional connectivity in the default mode network differentiates the combined and inattentive attention deficit hyperactivity disorder types. Frontiers in Human Neuroscience, 16, 859538. PMID: 35754775 PMCID: PMC9218495 doi: 10.3389/fnhum.2022.859538

58. Kajs B, van Roessel PJ, Davis GL, **Williams LM**, Rodriguez CI, Gunaydin LA (2022). Valence processing alterations in SAPAP3 knockout mice and human OCD. Journal of Psychiatric Research, 151, 657-666. PMID: 35661523 doi: 10.1016/j.jpsychires.2022.05.024

59. Kringle EA, Lv N, Ronneberg CR, Wittels N, Rosas LG, Steinman LE, Smyth J, Gerber BS, Xiao L, Venditti EM, Ajilore OA, **Williams LM**, Ma J (2022). Association of COVID-19 impact with outcomes of an integrated obesity and depression intervention: Posthoc analysis of an RCT. Obesity Research & Clinical Practice (ORCP), 16(3), 254-261. PMID: 35644753 PMCID: 9119961 doi: 10.1016/j.orcp.2022.05.005

60. Lv N, Ajilore OA, Xiao L, Venditti EM, Lavori PW, Gerber BS, Snowden MS, MD, Wittels NE, Ronneberg CR, Stetz P, Barve A, Shrestha R, Dosala S, Kumar V, Eckley TL, Goldstein-Piekarski AN, Smyth JM, Rosas LG, Kannampallil T, Zulueta J, Suppes T, **Williams LM**, Ma J (2022). Mediating Effects of Neural Targets on Depression, Weight and Anxiety Outcomes of an Integrated Collaborative Care Intervention: The ENGAGE-2 Mechanistic Pilot RCT. Biological Psychiatry Global Open Science, 3(3), 430-442. doi: 10.1016/j.bpsgos.2022.03.012

61. Padula CB, Tenekedjieva LT, McCalley DM, Al-Dasouqi H, Hanlon CA, **Williams LM**, Kozel FA, Knutson B, Durazzo TC, Yesavage JA, Madore MR (2022). Targeting the Salience Network: A Mini-Review on a Novel Neuromodulation Approach for Treating Alcohol Use Disorder. Front Psychiatry. 13:893833. PMID: 35656355; PMCID: PMC9152026. doi: 10.3389/fpsyt.2022.893833
FWCI 1.06; 88th percentile globally (Scopus)

62. Kannampallil T, Dai R, Lv N, Xiao L, Lu C, Ajilore OA, Snowden MB, Venditti EM, **Williams LM**, Kringle EA, Ma J (2022). Cross-trial prediction of depression remission using problem-solving therapy: A machine learning approach. Journal of Affective Disorders, 308, 89-97. PMID: 35398399 doi: 10.1016/j.jad.2022.04.015

63. Park HRP, Quide Y, Schofield PR, **Williams LM**, Gatt JM (2022). Grey matter covariation and the role of emotion reappraisal in mental wellbeing and resilience after early life stress exposure. Translational

Psychiatry, 12(1), 85. PMID 35220403 PMCID: PMC8882193 doi: 10.1038/s41398-022-01849-6
FWCI 1.67; 84th percentile globally (Scopus)

64. Mullins N, … **Williams LM**, et al. (2022). Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. Biological Psychiatry, 91(3), 313-327. PMID: 34861974 PMCID: PMC8851871 doi: 10.1016/j.biopsych.2021.05.029
FWCI 13.12; 99th percentile globally (Scopus)

65. Madore MR, Kozel AF, **Williams LM**, Green LC, George MS, Holtzheimer PE, Yesavage JA, Philip NS (2022). Prefrontal transcranial magnetic stimulation for depression in US military veterans - A naturalistic cohort study in the veterans health administration. Journal of Affective Disorders, 297, 671-678. PMID: 34687780 PMCID: PMC8667345 doi: 10.1016/j.jad.2021.10.025

66. Chilver MR, Park HRP, Schofield PR, Clark CR, **Williams LM**, Gatt JM (2022). Emotional face processing correlates with depression/anxiety symptoms but not wellbeing in non-clinical adults: An event-related potential study. Journal of psychiatric research, 145, 18-26. PMID: 34844048 doi: 10.1016/j.jpsychires.2021.11.038

67. Montalto A, Park HRP, **Williams LM**, Korgaonkar MS, Chilver MR, Jamshidi J, Schofield PR, Gatt JM (2022). Negative association between anterior insula activation and resilience during sustained attention: an fMRI twin study. Psychological Medicine, 53(7):3187-3199. PMID: 37449488 doi: 10.1017/S0033291721005262

68. Keller AS, Jagadeesh A, Bugatus L, **Williams LM**, Grill-Spector K (2022). Attention enhances category representations across the brain with strengthened residual correlations to ventral temporal cortex. Neuro-Image, 249, 118900. PMID: 35021039 PMCID: PMC8947761 doi: 10.1016/j.neuroimage.2022.118900

69. Hagerty SL, **Williams LM** (2022). Moral injury, traumatic stress, and threats to core human needs in health-care workers: the COVID-19 pandemic as a dehumanizing experience. Clinical Psychological Science, 1-23, Special Issue Article. doi: 10.1177%2F21677026211057554
FWCI 3.32; 91st percentile globally (Scopus)

70. Korgaonkar MS, Tran J, Felmingham KL, **Williams LM**, Bryant RA (2021). Neural correlates of emotional processing in panic disorder. NeuroImage: Clinical, 32, 102902. PMID: 34911204 PMCID: PMC8650813 doi: 10.1016/j.nicl.2021.102902

71. Keller AS, Ling R, **Williams LM** (2021). Spatial attention impairments are characterized by specific electro-encephalographic correlates and partially mediate the association between early life stress and anxiety. Cognitive, Affective, & Behavioral Neuroscience, 22(2), 414-428. PMID: 34850363 doi: 10.3758/s13415-021-00963-0

72. Keller AS, Ling R, **Williams LM** (2021). Correction: Spatial attention impairments are characterized by specific electro-encephalographic correlates and partially mediate the association between early life stress and anxiety. Cognitive, Affective, & Behavioral Neuroscience, 22(2), 414-428. PMID: 34931271 doi: 10.3758/s13415-021-00977-8

73. Tozzi L, Anene ET, Gotlib IH, Wintermark M, Kerr AB, Wu H, Seok D, Narr KL, Sheline YI, Whitfield-Gabrieli S, **Williams LM** (2021). Convergence, preliminary findings and future directions across the four human connectome projects investigating mood and anxiety disorders. NeuroImage, 245, 118694. PMID: 34732328 PMCID: PMC8727513 doi: 10.1016/j.neuroimage.2021.118694

74. Madore MR, Kozel FA, **Williams LM**, Green LC, George MS, Holtzheimer PE, Yesavage JA, Philip NS (2021). Prefrontal transcranial magnetic stimulation for depression in US military veterans – A naturalistic cohort study in the veterans health administration. Journal of Affective Disorders, 297, 671-678. PMID: 34687780 PMCID: PMC8667345 doi: 10.1016/j.jad.2021.10.025
FWCI 3.62; 94th percentile globally (Scopus)

75. Neary M, Bunyi J, Palomares K, Mohr DC, Powell A, Ruzek J, **Williams LM**, Wykes T, Schueller SM (2021). A process for reviewing mental health apps: Using the One Mind PsyberGuide Credibility Rating System. Digital Health, 7, 20552076211053690. PMID: 34733541 PMCID: PMC8558599 doi: 10.1177%2F20552076211053690
FWCI 1.05; 84th percentile globally (Scopus)

76. Lv N, Lefferts WK, Xiao L, Goldstein-Piekarski AN, Wielgosz J, Lavori PW, Simmons JM, Smyth JM, Stetz P, Venditti EM, Lewis MA, Rosas LG, Snowden MS, Ajilore OS, Suppes T, **Williams LM**, Ma J (2021). Problem-solving therapy-induced amygdala engagement mediates lifestyle behavior change in obesity with comorbid depression: a randomized proof-of-mechanism trial. The American Journal of Clinical Nutrition, 114(6), 2060-2073. PMID: 34476464 PMCID: PMC8634561 doi: 10.1093/ajcn/nqab280

77. Park HP, Chilver MR, Montalto A, Jamshidi J, Schofield PR, **Williams LM**, Gatt JM (2023). Associations between mental wellbeing and fMRI neural bases underlying responses to positive emotion in a twin sample. Psychological Medicine, 53(4):1215-1223. PMID: 37010213 doi: 10.1017/S0033291721002695 (Published online by Cambridge University Press: 02 August 2021) FWCI 0.92; 80th percentile globally (Scopus)

78. Holt-Gosselin B, Keller AS, Chesnut M, Ling R, Grisanzio KA, **Williams LM** (2021). Greater baseline connectivity of the salience and negative affect circuits are associated with natural improvements in anxiety over time in untreated participants. Journal of Affective Disorders, 295, 366-376. PMID: 34492429 doi: 10.1016/j.jad.2021.08.039

79. Harvie G, Braund TA, Kohn MR, Korgaonkar MS, Clarke S, **Williams LM**, Griffiths KR (2021) Cognitive and Executive Contributions to Trail-Making Task Performance on Adolescents With and Without Attention Deficit Hyperactivity Disorder. Journal of Attention Disorders, 1-12. PMID: 34384270 doi: 10.1177/10870547211036743

80. Gatt JM, Burton KLO, Schofield PR, Bryant RA, **Williams LM** (2021). Corrigendum to *'The heritability of mental health and wellbeing defined using COMPAS-W, a new composite measure of wellbeing': Psychiatry Research, 219, (2014), 204–213, 10.1016/j.psychres.2014.04.033.* Psychiatry Research, 304, 114141. PMID: 34333323 doi: 10.1016/j.psychres.2021.114141com

81. Goldstein-Piekarski AN, Ball TM, Samara Z, Staveland BR, Keller AS, Fleming SL, Grisanzio KA, Holt-Gosselin B, Stetz P, Ma J, **Williams LM** (2022). Mapping neural circuit biotypes to symptoms and behavioral dimensions of depression and anxiety. Biological Psychiatry, 91(6), 561-571. PMID: 34482948 PMCID: PMC9511971 doi: 10.1016/j.biopsych.2021.06.024 Epub 2021 Jul 11. FWCI 7.67; 99th percentile globally (Scopus)

    One of the topmost cited Biological Psychiatry articles for 2024 (published in 2022-2023).

    Commentary on this article: Stout DM, Bomyea J (2022). From Magnetic Resonance Imaging to the Clinic: Using Neuroimaging to Characterize Psychiatric Phenotypes. Biological Psychiatry, 91, 526-528. PMID: 35177204. doi: 10.1016/j.biopsych.2021.12.013

82. Holt-Gosselin B, Tozzi L, Ramirez CA, Gotlib IH, **Williams LM** (2021). Coping strategies, neural structure, and depression and anxiety during the COVID-19 pandemic: a longitudinal study in a naturalistic sample spanning clinical diagnoses and subclinical symptoms. Biological Psychiatry: Global Open Science, 1(4), 261-271. PMID: 34604834 PMCID: PMC8479487 doi: 10.1016/j.bpsgos.2021.06.007 FWCI 1.74; 81st percentile globally (Scopus)

    Invited commentary on this article: Igor Nenadic (2021). COVID-19, Stress, and Brain Morphometry: Opportunities and Challenges for Linking Neuroscience, Translational Psychiatry, and Health Services Research. Biological Psychiatry: Global Open Science, 1(4), 246-248. PMID: 34927124 PMCID: PMC8671760 doi: 10.1016/j.bpsgos.2021.10.008

83. Goldstein-Piekarski AN, Wielgosz J, Xiao L, Stetz P, Correa CG, Chang SE, Lv N, Rosas LG, Lavori PW, Snowden MB, Venditti EM, Simmons JM, Smyth JM, Suppes T, Lewis MA, Ajilore O, Ma J, **Williams LM** (2021). Early changes in neural circuit function engaged by negative emotion and modified by behavioral intervention are associated with depression and problem-solving outcomes: A report from the ENGAGE randomized controlled trial. EBioMedicine, 67, 103387. PMID: 34004422 PMCID: PMC8141669 doi: 10.1016/j.ebiom.2021.103387 FWCI 0.75; 82nd percentile globally (Scopus)

84. Saad JF, Griffiths KR, Kohn MR, Braund TA, Clarke S, **Williams LM**, Korgaonkar MS (2021). No support for white matter connectivity differences in the combined and inattentive ADHD presentations.

PLOS ONE, 16(5), e0245028. PMID 33951031. PMCID: PMC8099057
doi: 10.1371/journal.pone.0245028

85. Tozzi L, Tuzhilina E, Glasser MF, Hastie TJ, **Williams LM** (2021). Relating whole-brain functional connectivity to self-reported negative emotion in a large sample of young adults using group regularized canonical correlation analysis. NeuroImage, 237, 118137. PMID: 33951512 PMCID: PMC8536403 doi: 10.1016/j.neuroimage.2021.118137

86. Chesnut M, Harati S, Paredes P, Khan Y, Foudeh A, Kim J, Bao Z, **Williams LM** (2021). Stress Markers for Mental States and Biotypes of Depression and Anxiety: A Scoping Review and Preliminary Illustrative Analysis. Chronic Stress, 5, 1-17. PMID: 33997582 PMCID: PMC8076775 doi: 10.1177%2F24705470211000338
FWCI 1.52; 93rd percentile globally (Scopus)

87. Leikauf JE, Correa C, Bueno AN, Sempere VP, **Williams LM** (2021). StopWatch: Pilot study for an Apple Watch application for youth with ADHD. Digital Health, 7, 1-6. PMID: 33868703 PMCID: PMC8020230 doi: 10.1177/20552076211001215

88. Bryant R, Erlinger M, Felmingham KL, Malhi G, Hinton M, **Williams LM**, Korgaonkar MS, Williamson T (2021). Neural Activity During Response Inhibition Associated with Improvement of Dysphoric Symptoms of PTSD after Trauma-Focused Psychotherapy – an EEG-fMRI Study. Translational Psychiatry, 11(1), 218. PMID: 33854050 PMCID: PMC8046805 doi: 10.1038/s41398-021-01340-8
FWCI 0.97; 80th percentile globally (Scopus)

89. Griffiths KR, Braund TA, Kohn MR, Clarke S, **Williams LM**, Korgaonkar MS (2021). Structural brain network topology underpinning ADHD and response to methylphenidate treatment. Translational Psychiatry, 11(1), 150. PMID: 33654073 PMCID: PMC7925571 doi: 10.1038/s41398-021-01278-x
FWCI 1.93; 88th percentile globally (Scopus)

90. Williams NR, Sudheimer KF, Cole EJ, Varias AD, Goldstein-Piekarski AN, Stetz P, Lombardi A, Filippou-Frye M, van Roessel P, Anderson K, McCarthy EA, Wright B, Sandhu T, Menon S, Jo B, Koran L, **Williams LM**, Rodriguez CI (2021). Accelerated Neuromodulation Therapy for Obsessive-Compulsive Disorder. Brain Stimulation, 14(2), 435-437. PMID: 33631349 PMCID: PMC8114181 doi: 10.1016/j.brs.2021.02.013
FWCI 6.71; 90th percentile globally (Scopus)

91. Lv N, Xiao L, Rosas LG, Venditti EM, Smyth JM, Lewis MA, Snowden MB, Ronneberg CR, **Williams LM**, Gerber BS, Ajilore OA, Patel AS, Ma J (2021). Sex moderates treatment effects of integrated collaborative care for comorbid obesity and depression: The RAINBOW RCT. Annals of Behavioral Medicine, kaaa125. PMID: 33616188 PMCID: PMC8601047 doi: 10.1093/abm/kaaa125

92. Tozzi L, Zhang X, Chesnut M, Holt-Gosselin B, Ramirez CA, **Williams LM** (2021). Reduced functional connectivity of default mode network subsystems in depression: meta-analytic evidence and relationship with trait rumination. NeuroImage: Clinical, 30, 102570. PMID: 33540370 PMCID: PMC7856327 doi: 10.1016/j.nicl.2021.102570
FWCI 5.36; 97th percentile globally (Scopus)

93. **Williams LM**, Coman JT, Stetz PC, Walker NC, Kozel FA, George MS, Yoon J, Hack LM, Madore MR, Lim KO, Philip NS, Holtzheimer PE (2021). Identifying response and predictive biomarkers for Transcranial magnetic stimulation outcomes: protocol and rationale for a mechanistic study of functional neuroimaging and behavioral biomarkers in veterans with pharmacoresistant depression. BMC Psychiatry, 21(1), 35. PMID: 33435926 PMCID: PMC7805238 doi: 10.1186/s12888-020-03030-z
FWCI 2.26; 89th percentile globally (Scopus)

94. Korgaonkar MS, Felmingham KL, Klimova A, Erlinger M, **Williams LM**, Bryant RA (2021).White matter anisotropy and response to cognitive behavior therapy for posttraumatic stress disorder. Translational Psychiatry, 11(1), 14. PMID: 33414363 PMCID: PMC7791115 doi: 10.1038/s41398-020-01143-3

95. Routledge KM, **Williams LM**, Harris AWF, Schofield PR, Gatt JM (2021). The impact of online brain training exercises on experiences of depression, anxiety and emotional wellbeing in a twin sample. Journal of Psychiatric Research, 134, 138-149. PMID: 33385632 doi: 10.1016/j.jpsychires.2020.12.054

96. Fischer AS, Holt-Gosselin B, Fleming SL, Hack LM, Ball TM, Schatzberg AF, **Williams LM** (2020). Intrinsic reward circuit connectivity profiles underlying symptom and quality of life outcomes following antidepressant medication: a report from the iSPOT-D trial. Neuropsychopharmacology, 46(4), 809-819. PMID: 33230268 PMCID: PMC8027440 doi: 10.1038/s41386-020-00905-3
FWCI 1.35; 83rd percentile globally (Scopus)

97. Majd M, Smyth JM, Lv N, Xiao L, Snowden MB, Venditti EM, **Williams LM**, Ajilore OA, Suppes T, Ma J (2020). The factor structure of depressive symptoms in patients with obesity enrolled in the RAINBOW clinical trial. Journal of Affective Disorders, 281, 367-375. PMID: 33348180 PMCID: PMC7855596 doi: 10.1016/j.jad.2020.11.105

98. Jamshidi J, **Williams LM**, Schofield PR, Park HRP, Montalto A, Chilver MR, Bryant RA, Toma C, Fullerton JM, Gatt JM (2020). Diverse phenotypic measurements of wellbeing: Heritability, temporal stability and the variance explained by polygenic scores. Genes, Brain, and Behavior, 19(8), e12694. PMID: 32785990 https://doi.org/10.1111/gbb.12694
FWCI 1.22; 80th percentile globally (Scopus)

99. Breukelaar IA, Griffiths KR, Harris A, Foster SL, **Williams LM**, Korgaonkar MS (2020). Intrinsic functional connectivity of the default mode and cognitive control networks relate to change in behavioral performance over two years. Cortex, 132, 180-190. PMID: 32987241 doi: 10.1016/j.cortex.2020.08.014

100. Korgaonkar MS, Chakouch C, Breukelaar IA, Erlinger M, Felmingham KL, Forbes D, **Williams LM**, Bryant RA (2020). Intrinsic connectomes underlying response to trauma-focused psychotherapy in post-traumatic stress disorder. Translational Psychiatry, 10(1), 270. PMID: 32759938 PMCID: PMC7406502 doi: 10.1038/s41398-020-00938-8

101. Lv N[1], Ajilore OA[1], Ronneberg CR, Venditti EM, Snowden MB, Lavori PW, Xiao L, Goldstein-Piekarski AN, Wielgosz J, Wittels NE, Barve Am, Patel AS, Eckley TL, Stetz P, Gerber BS, Smyth JM, Simmons JM , Rosas LG, **Williams LM[2]**, Ma J[2] (2020). The ENGAGE-2 study: Engaging self-regulation targets to understand the mechanisms of behavior change and improve mood and weight outcomes in a randomized controlled trial (Phase 2). Contemporary Clinical Trials, 95, 106072. PMID: 32621905 PMCID: PMC8136578 doi: 10.1016/j.cct.2020.106072

[1] Co-first authors; [2] Co-senior authors.

102. Bryant RA, Erlinger M, Felmingham K, Malhi G, O'Donnell ML, **Williams LM**, Korgaonkar MS (2020). Differential neural predictors of treatment response for fear and dysphoric features of posttraumatic stress disorder. Depression & Anxiety, 37(10), 1026-1036. PMID: 32579790 doi: 10.1002/da.23061

103. Rajpurkar P, Yan J, Dass N, Vale V, Keller A, Irvin J, Taylor Z, Basu S, Ng A, **Williams LM** (2020). Evaluation of a machine learning model based on pretreatment symptoms and electroencephalographic features to predict outcomes of antidepressant treatment in adults with depression. JAMA Network Open, 3(6), e206653. PMID: 32568399 PMCID: PMC7309440 doi:10.1001/jamanetworkopen.2020.6653
FWCI 2.92; 95th percentile globally (Scopus)

104. Barreiros AR, Breuklaar IA, Chen W, Erlinger M, Antees C, Medway M, Boyce P, Hazell P, **Williams LM**, Malhi GS, Harris AWF, Korgaonkar MS (2020). Neurophysiological markers of attention distinguish Bipolar Disorder and Unipolar Depression. Journal of Affective Disorders, 274, 411-419. PMID: 32663971 doi: 10.1016/j.jad.2020.05.048

105. Tozzi L, Fleming SL, Taylor ZD, Raterink CD, **Williams LM** (2020). Test-retest reliability of the human functional connectome over consecutive days: identifying highly reliable portions and assessing the impact of methodological choices. Network Neuroscience, 4(3), 925-945. PMID: 33615097 PMCID: PMC7888485 doi: 10.1162/netn_a_00148
FWCI 1.00; 88th percentile globally (Scopus)

106. Chilver MR, Keller AS, Park H, Jamshidi J, Montalto A, Schofield PR, Clark CR, Harmon-Jones E, **Williams LM**, Gatt JM (2020). Electroencephalography profiles as a biomarker of wellbeing: A twin study. Journal of Psychiatric Research, 126, 114-121. PMID: 32450375 doi: 10.1016/j.jpsychires.2020.04.010

107. Hagerty SL, **Williams LM** (2020). The impact of COVID-19 on mental health: The interactive roles of brain biotypes and human connection. Brain, Behavior, & Immunity – Health, 5, 100078. PMID: 32382727 PMCID: PMC7204757 doi: 10.1016/j.bbih.2020.100078
FWCI 2.70; 95th percentile globally (Scopus)

108. Bryant RA, Erlinger M, Felmingham K, Klimova A, **Williams LM**, Malhi G, Forbes D, Korgaonkar MS (2020). Reappraisal-related neural predictors of treatment response to cognitive behavior therapy for post-traumatic stress disorder. Psychological Medicine, p.1-11. PMID: 32366351 doi: 10.1017/S0033291720001129
FWCI 1.68; 85th percentile globally (Scopus)

109. Nguyen LC, Durazzo TC, Dwyer CL, Rauch AA, Humphreys K, **Williams LM**, Padula CB (2020). Predicting relapse after alcohol use disorder treatment in a high-risk cohort: The roles of anhedonia and smoking. Journal of Psychiatric Research, 126, 1-7. PMID: 32403028 PMCID: PMC8476113 doi: 10.1016/j.jpsychires.2020.04.003
FWCI 1.15; 95th percentile globally (Scopus)

110. Lv N, Xiao L, Majd M, Lavori PW, Smyth JM, Rosas LG, Venditti EM, Snowden MB, Lewis MA, Ward E, Lesser L, **Williams LM**, Azar KMJ, Ma J (2020). Correction: Variability in engagement and progress in efficacious integrated collaborative care for primary care patients with obesity and depression: Within-treatment analysis in the RAINBOW trial. PLOS ONE, 15(8), e0238276. PMID: 32822417 PMCID: PMC7442232 doi: 10.1371/journal.pone.0238276

111. Lv N, Xiao L, Majd M, Lavori PW, Smyth JM, Rosas LG, Venditti EM, Snowden MB, Lewis MA, Ward E, Lesser L, **Williams LM**, Azar KMJ, Ma J (2020). Variability in engagement and progress in efficacious integrated collaborative care for primary care patients with obesity and depression: Within-treatment analysis in the RAINBOW trial. PLOS ONE, 15(4), e0231743. PMID: 32315362 PMCID: PMC7173791 doi: 10.1371/journal.pone.0231743

112. Rosas LG, Xiao L, Lv N, Lavori PW, Venditti EM, Snowden MB, Smyth JM, Lewis MA, **Williams LM**, Suppes T, Goldstein-Piekarski AN, Ma J (2020). Understanding mechanisms of integrated behavioral therapy for co-occurring obesity and depression in primary care: a mediation analysis in the RAINBOW trial. Translational Behavioral Medicine, 11(2), 382-392. PMID: 32203569 PMCID: PMC7963297 doi: 10.1093/tbm/ibaa024

113. Teng A, Taylor Z, Pfeffer J, **Williams LM** (2020). Using longitudinal prescription data to examine the incidence of other chronic diseases following antidepressant use. Journal of Psychiatric Research, 125, 7-12. PMID: 32171110 doi: 10.1016/j.jpsychires.2020.02.030

114. Tozzi L, Staveland B, Holt-Gosselin B, Chesnut M, Chang SE, Choi D, Shiner ML, Wu H, Lerma-Usabiaga G, Sporns O, Barch D, Gotlib IH, Hastie TJ, Kerr AB, Poldrack RA, Wandell BA, Wintermark M, **Williams LM** (2020). The human connectome project for disordered emotional states: Protocol and rationale for a research domain criteria study of brain connectivity in young adult anxiety and depression. NeuroImage, 124, 116715. PMID: 32147367 PMCID: PMC8597395 doi: 10.1016/j.neuroimage.2020.116715
FWCI 2.06; 88th percentile globally (Scopus)

115. Yesavage JA, Noda A, Heath A, McNerney MW, Domingue BW, Hernandez Y, Benson G, Hallmayer J, O'Hara R, **Williams LM**, Goldstein-Piekarski AN, Zeitzer JM, Fairchild JK (2019). Sleep-wake disorders in Alzheimer's disease: further genetic analyses in relation to objective sleep measures. International Psychogeriatrics, 32(7), 807-813. PMID: 31739820 doi: 10.1017/S1041610219001777

116. Keller AS, Leikauf JE, Holt-Gosselin B, Staveland BR, **Williams LM** (2019). Paying attention to attention in depression. Translational Psychiatry, 9(1), 279. PMID: 31699968 PMCID: PMC6838308 doi: 10.1038/s41398-019-0616-1

117. Keller AS, Leikauf JE, Holt-Gosselin B, Staveland BR, **Williams LM** (2019). Correction: Paying attention to attention in depression. Translational Psychiatry,10(1), 64. PMID: 32066703; PMCID: PMC7026409 doi: 10.1038/s41398-020-0748-3
FWCI 2.18; 99th percentile globally (Scopus)

118. Korgaonkar MS, Goldstein-Piekarski AN, Fornito A, **Williams LM** (2019). Intrinsic connectomes are a predictive biomarker of remission in major depressive disorder. Molecular psychiatry, 25(7), 1537-1549. PMID: 31695168 PMCID: PMC7303006 doi: 10.1038/s41380-019-0574-2
FWCI 5.47; 98th percentile globally (Scopus)

119. Cai W, Griffiths K, Korgaonkar MS, **Williams LM**, Menon V (2019). Inhibition-related modulation of salience and frontoparietal networks predicts cognitive control ability and inattention symptoms in children with ADHD. Molecular Psychiatry, 1-10. PMID: 31664176 PMCID: PMC7188596 doi: 10.1038/s41380-019-0564-4
FWCI 3.26; 96th percentile globally (Scopus)

120. Breukelaar IA, Erlinger M, Harris A, Boyce P, Hazell P, Grieve SM, Antees C, Foster S, Gomes L, **Williams LM**, Malhi GS, Korgaonkar MS (2019). Investigating the neural basis of cognitive control dysfunction in mood disorders. Bipolar Disorders, 22(3), 286–295. PMID: 31604366 doi: 10.1111/bdi.12844
FWCI 1.28; 84th percentile globally (Scopus)

121. Ball TM, Kalinowski A, **Williams LM** (2019). Ethical implementation of precision psychiatry. Personalized Medicine in Psychiatry, 19, 100046. doi: 10.1016/j.pmip.2019.05.003

122. Keller AS, Ball TM, **Williams LM** (2019). Deep phenotyping of attention impairments and the 'inattention biotype' in major depressive disorder. Psychological Medicine, 50(13), 2203-2212. PMID: 31477195 PMCID: PMC8022888 doi: 10.1017/S0033291719002290
FWCI 1.70; 88th percentile globally (Scopus)

123. Griffiths KR, Jurigova BG, Leikauf JE, Palmer D, Clarke SD, Tsang TW, Teber ET, Kohn MR, **Williams LM** (2019). A signature of attention-elicited electrocortical activity distinguishes response from non-response to the non-stimulant atomoxetine in children and adolescents with ADHD. Journal of Attention Disorders, 23(7), 744-753. PMID: 28974127 PMCID: PMC8215986 doi: 10.1177/1087054717733044

124. Tozzi L, Goldstein-Piekarski AN, Korgaonkar MS, **Williams LM** (2019). Connectivity of the cognitive control network during response inhibition as a predictive and response biomarker in major depression: evidence from a randomized clinical trial. Biological Psychiatry, 87(5), 462-472. PMID: 31601424 PMCID: PMC8628639 doi: 10.1016/j.biopsych.2019.08.005

    One of the most highly cited original articles published in Biological Psychiatry in 2019-2020.
    FWCI 1.85; 95th percentile globally (Scopus)

125. Goldstein-Piekarski AN, Holt-Gosselin B, O'Hora K, **Williams LM** (2019). Integrating sleep, neuroimaging, and computational approaches for precision psychiatry. Neuropsychopharmacology, 45(1), 1-15. PMID: 31426055 PMCID: PMC6879628 doi: 10.1038/s41386-019-0483-8
FWCI 0.53; 82nd percentile globally (Scopus)

126. Hellewell SC, Welton T, Maller JJ, Lyon M, Korgaonkar MS, Koslow SH, **Williams LM,** Rush AJ, Gordon E, Grieve SM (2019). Profound and reproducible patterns of reduced regional gray matter characterize major depressive disorder. Translational Psychiatry, 9(1), 176. PMID: 31341158 PMCID: PMC6656728 doi: 10.1038/s41398-019-0512-8
FWCI 0.61; 86th percentile globally (Scopus)

127. Watters AJ, Carpenter JS, Harris AWF, Korgaonkar MS, **Williams LM** (2019). Characterizing neurocognitive markers of familial risk for depression using multi-modal imaging, behavioral and self-report measures. Journal of Affective Disorders, 253, 336-342. PMID: 31078833 doi: 10.1016/j.jad.2019.04.078

128. Graziano RC, Bruce CE, Paul RH, Korgaonkar MS, **Williams LM** (2019). The effects of bullying in depression on white matter integrity. Behavioural Brain Research, 363, 149-154. PMID: 30710613 doi: 10.1016/j.bbr.2019.01.054

129. Braund TA, Palmer DM, **Williams LM,** Harris AWF (2019). Dimensions of anxiety in major depressive disorder and their use in predicting antidepressant treatment outcome: an iSPOT-D report. Psychological Medicine, 50(6), 1032-1042. PMID: 31023398 doi: 10.1017/s0033291719000941

130. Korgaonkar MS, Erlinger M, Breukelaar IA, Boyce P, Hazell P, Antees C, Foster S, Grieve SM, Gomes L, **Williams LM**, Harris AWF, Mahli GS (2019). Amygdala activation and connectivity to emotional processing distinguishes asymptomatic patients with bipolar disorders and unipolar depression. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 4(4), 361-370.
PMID: 30343134 doi: 10.1016/j.bpsc.2018.08.012
FWCI 2.29; 90th percentile globally (Scopus)

131. Kircanski K, **Williams LM**, Gotlib I (2019). Heart rate variability as a biomarker of anxious depression response to antidepressant medication: an iSPOT-D report. Depression and Anxiety, 36(1), 63-71.
PMID: 30311742 PMCID: PMC6318007 doi: 10.1002/da.22843
FWCI 2.88; 94th percentile globally (Scopus)

132. Braund TA, Palmer DM, **Williams LM,** Harris AWF (2019). Characterizing anxiety in major depressive disorder and its use in predicting antidepressant treatment outcome: An iSPOT-D report. Australian & New Zealand Journal of Psychiatry, 53(8), 782-793. PMID: 30880405 doi: 10.1177/0004867419835933

133. Lyon M, Welton T, Varda A, Maller JJ, Broadhouse K, Korgaonkar, Koslow S, **Williams LM,** Gordon E, Rush J, Grieve S (2019). Gender-specific structural abnormalities in major depressive disorder revealed by fixel-based analysis. NeuroImage: Clinical, 21, 101668. PMID: 30690418
PMCID: PMC6356005 doi: 10.1016/j.nicl.2019.101668
FWCI 1.31; 86th percentile globally (Scopus)

134. Breukelaar A, **Williams LM**, Antees C, Grieve SM, Foster SL, Gomes L, Korgaonkar MS (2018). Cognitive ability is associated with changes in the functional organization of the cognitive control brain network. Human Brain Mapping, 39(12), 5028-5038. PMID: 30136345 PMCID: PMC6866537 doi: 10.1002/hbm.24342.

135. Hamilton JP, Sacchet MD, Hjørnevik T, Chin FT, Shen B, Kämpe R, Park J, Knutson B, **Williams LM,** Borg N, Zaharchuk G, Camacho M, Mackey S, Heilig M, Drevets W, Glover G, Gambhir S, Gotlib I (2018). Striatal dopamine deficits predict reductions in striatal functional connectivity in major depression: a concurrent 11 C-raclopride positron emission tomography and functional magnetic resonance imaging investigation. Translational Psychiatry, 8(1), 264. PMID: 30504860
PMCID: PMC6269434 doi: 10.1038/s41398-018-0316-2
FWCI 1.67; 90th percentile globally (Scopus)

136. Gatt JM, Burton KLO, Routledge KL, Grasby KL, Korgaonkar MS, Grieve SM, Schofield PR, Harris AWF, Clark CR, **Williams LM** (2018) A negative association between brainstem pontine grey-matter volume, well-being and resilience in healthy twins. Journal of Psychiatry and Neuroscience, 43(6), 386-395. PMID: 30372012 PMCID: PMC6203545 doi: 10.1503/jpn.170125.

137. Griffiths KR, Leikauf J, Tsang TW, Clarke S, Hermens DF, Efron D, **Williams LM**, Kohn MR (2018). Response inhibition and emotional cognition improved by atomoxetine in children and adolescents with ADHD: The ACTION randomized controlled trial. Journal of Psychiatric Research, 102, 57-64.
PMID: 29674270 PMCID: PMC9148271 doi: 10.1016/j.jpsychires.2018.03.009.
FWCI 0.77; 80th percentile globally (Scopus)

138. Routledge KM, **Williams LM**, Harris AWF, Schofield PR, Clark CR, Gatt JM (2018). Genetic correlations between wellbeing, depression and anxiety symptoms and behavioral responses to the emotional faces task in healthy twins. Psychiatry Research, 264, 385-393. PMID: 29677622 doi: 10.1016/j.psychres.2018.03.042.

139. Grisanzio KA, Goldstein-Piekarski AN, Wang MY, Ahmed APR, Samara Z, **Williams LM** (2018). Transdiagnostic symptom clusters and associations with brain, behavior and daily function in mood,

anxiety and trauma disorders. JAMA Psychiatry,75(2), 201-209. PMID: 29197929 PMCID: PMC5838569 doi:10.1001/jamapsychiatry.2017.3951.
FWCI 6.68; 97th percentile globally (Scopus)

140. **Williams LM**, Pines A, Goldstein-Piekarski AN, Rosas LG, Kullar M, et al (2018). The ENGAGE study: Integrating neuroimaging, virtual reality and smartphone sensing to understand self-regulation for managing depression and obesity in a precision medicine model. Behavior Research and Therapy, 101, 58-70. PMID: 29074231 PMCID: PMC8109191 doi: 10.1016/j.brat.2017.09.012
FWCI 2.29; 85th percentile globally (Scopus)

141. Pines AR, Sacchet MD, Kullar M, Ma J, **Williams LM** (2018). Multi-unit relations among neural, self-report, and behavioral correlates of emotion regulation in comorbid depression and obesity. Scientific Reports, 8(1), 14032. PMID: 30232351 PMCID: PMC6145883 doi: 10.1038/s41598-018-32394-2

142. Goldstein-Piekarski AN, Staveland B, Ball T, Yesavage J, Korgaonkar MS, **Williams LM** (2018). Intrinsic functional connectivity predicts remission on antidepressants: A randomized-controlled trial to identify clinically applicable imaging biomarkers. Translational Psychiatry, 8(1), 57. PMID: 29507282 PMCID: PMC5838245 doi: 10.1038/s41398-018-0100-3
FWCI 2.79; 96th percentile globally (Scopus)

143. Watters AJ, Harris AWF, **Williams LM** (2018). Electrocortical reactivity to negative and positive facial expressions in individuals with a family history of major depression. Biological Psychology, 136, 127-135. PMID: 29792907 doi: 10.1016/j.biopsycho.2018.05.015

144. Yesavage JA, Fairchild JK, Mi Z, Biswas K, Davis-Karim A, Phibbs CS, Forman SD, Thase M, **Williams LM,** Etkin A, O'Hara R, Georgette G, Beale T, Huang GD, Noda A, George MS; VA Cooperative Studies Program Study Team (2018). Effect of repetitive transcranial magnetic stimulation on treatment-resistant major depression in US veterans: a randomized clinical trial. JAMA Psychiatry, 75(9), 884-893. PMID: 29955803 PMCID: PMC6142912 doi: 10.1001/jamapsychiatry.2018.1483
FWCI 6.08; 97th percentile globally (Scopus)

145. Kozlowska K, Spooner CJ, Palmer DM, Harris AWF, Korgaonkar MS, Scher S, **Williams LM** (2018). "Motoring in idle": The default mode and somatomotor networks are overactive in children and adolescents with functional neurological symptoms. NeuroImage: Clinical, 18, 730-743. PMID: 29876262 PMCID: PMC5987846 doi: 10.1016/j.nicl.2018.02.003
FWCI 1.13; 86th percentile globally (Scopus)

146. Goldstein-Piekarski AN, Greer SM, Saletin JM, Harvey AG, **Williams LM**, Walker MP (2018). Sex, sleep deprivation, and the anxious brain. Journal of Cognitive Neuroscience, 30(4), 565-578. PMID: 29244642 PMCID: PMC6143348 doi: 10.1162/jocn_a_01225
FWCI 1.08; 88th percentile globally (Scopus)

147. O'Connell C*, Goldstein-Piekarski AN*, Nemeroff C, Schatzberg A, DeBattista C, Carillo-Roa T, Binder E, Dunlop B, Mayberg H, **Williams LM** (2018). Antidepressant outcomes predicted by genetic variation in corticotropin releasing hormone binding protein. American Journal of Psychiatry, 175(3), 251-261. PMID: 29241359 PMCID: PMC5832545 doi: 10.1176/appi.ajp.2017.17020172
FWCI 2.69; 87th percentile globally (Scopus)

** Equal first authors.

148. Brennan AM, **Williams LM**, Harris AWF (2018). Intrinsic, task-evoked and absolute gamma synchrony during cognitive processing in first onset schizophrenia. Journal of Psychiatric Research, 99, 10-21. PMID: 29407283 doi: 10.1016/j.jpsychires.2017.12.004

149. Lv H, Wang Z, Tong E, **Williams LM**, Zaharchuk G, Zeineh M, Goldstein-Piekarski AN, Ball TM, Liao C, Wintermark M (2018). Resting-state functional MRI: everything that nonexperts have always wanted to know. American Journal of Neuroradiology, 39(8), 1390-1399. PMID: 29348136 PMCID: PMC6051935 doi: 10.3174/ajnr.A5527
FWCI 7.37; 99th percentile globally (Scopus)

150. Routledge K, Burton K, **Williams LM**, Harris AWF, Schofield PR, Clark CR, Justine G (2017). The shared and unique genetic relationship between mental wellbeing, depression and anxiety symptoms and

cognitive function in healthy twins. Cognition and Emotion, 31(7), 1465-1479. PMID: 27690266 doi: 10.1080/02699931.2016.1232242

151. Griffiths KR, Jurigova BG, Leikauf JE, Palmer D, Clarke SD, Tsang TW, Teber ET, Kohn MR, **Williams LM** (2017). A signature of attention-elicited electrocortical activity distinguishes response from non-response to the non-stimulant atomoxetine in children and adolescents with ADHD. Journal of Attention Disorders, 23(7), 744-753. PMID: 28974127 PMCID: PMC8215986 doi: 10.1177/1087054717733044

152. **Williams LM** (2017). Defining biotypes for depression and anxiety based on large-scale circuit dysfunction: A theoretical review of the evidence and future directions for clinical translation. Depression and Anxiety, 34(1), 9-24. PMID: 27653321 PMCID: PMC5702265 doi: 10.1002/da.22556. FWCI 8.63; 99th percentile globally (Scopus)

    An original contribution to developing a new model of depression and anxiety.

153. Ball TM, Goldstein-Piekarski AN, Gatt JM, **Williams LM** (2017). Quantifying person-level brain network functioning to facilitate clinical translation. Translational Psychiatry, 7(10), e1248. PMID: 29039851 PMCID: PMC5682602 doi: 10.1038/tp.2017.204

154. Watters AJ, Korgaonkar MS, Carpenter JS, Harris AWF, Gross JJ, **Williams LM** (2017). Profiling risk for depressive disorder by circuit, behavior and self-report measures of emotion function. Journal of Affective Disorders, 227, 595-602. PMID: 29172052 doi: 10.1016/j.jad.2017.11.067

155. Leikauf J, Griffiths KR, Saggar M, Hong DS, Clarke S, Efron D, Tsang TW, Hermens DF, Kohn MR, **Williams LM** (2017). Identification of biotypes in attention-deficit/hyperactivity disorder, a report from a randomized, controlled trial. Personalized Medicine in Psychiatry, 3, 8-17. PMID: 35637915 PMCID: PMC9148272 doi: 10.1016/j.pmip.2017.02.001

156. Li BJ, Bailenson JN, Pines A, Greenleaf WJ, **Williams LM** (2017). A public database of immersive VR videos with corresponding ratings of arousal, valence and correlations between head movements and self-report measures. Frontiers in Psychology, 8, 2116. PMID: 29259571 PMCID: PMC5723428 doi: 10.3389/fpsyg.2017.02116
FWCI 4.08; 98th percentile globally (Scopus)

157. Vanden Bussche AB, Haug NA, Ball TM, Padula CB, Goldstein-Piekarski AN, **Williams LM** (2017). Utilizing a transdiagnostic neuroscience-informed approach to differentiate the components of a complex clinical presentation: A case report. Personalized Medicine in Psychiatry, 3, 30-37. PMID: 36968341 PMCID: PMC10038350 doi: 10.1016/j.pmip.2017.04.001

158. Kozlowska K, Griffiths KR, Foster SL, Linton J, **Williams LM**, Korgaonkar MS (2017). Grey matter abnormalities in children and adolescents with functional neurological symptom disorder. NeuroImage: Clinical, 15, 306-314. PMID: 28560155 PMCID: PMC5440356 doi: 10.1016/j.nicl.2017.04.028
FWCI 1.38; 92nd percentile globally (Scopus)

159. Fernandes BS, **Williams LM**, Steiner J, Leboyer M, Carvalho AF, Berk M (2017). The new field of 'precision psychiatry'. BMC Medicine, 15(1), 80. PMID: 28403846 PMCID: PMC5390384 doi: 10.1186/s12916-017-0849-x
FWCI 17.89; 99th percentile globally (Scopus)

160. Green E, Goldstein-Piekarski AN, Schatzberg AF, Rush AJ, Ma J, **Williams LM** (2017). Personalizing antidepressant choice by sex, body mass index, and symptom profile: An iSPOT-D report. Personalized Medicine in Psychiatry, 1, 65-73. doi: 10.1016/j.pmip.2016.12.001
FWCI 2.26; 84th percentile globally (Scopus)

161. McRae K, Rhee SH, Gatt JM, Godinez D, **Williams LM**, Gross JJ (2017). Genetic and environmental influences on emotion regulation: A twin study of cognitive reappraisal and expressive suppression. Emotion, 17(5), 772-777. PMID: 28406678 doi:10.1037/emo0000300
FWCI 1.05; 83rd percentile globally (Scopus)

162. Saad JF, Griffiths KR, Kohn MR, Clarke S, **Williams LM**, Korgaonkar MS (2017). Regional brain network organization distinguishes the combined and inattentive subtypes of attention deficit hyperactivity disorder. NeuroImage: Clinical, 15, 383-390. PMID: 28580295 PMCID: PMC5447655 doi: 10.1016/j.nicl.2017.05.016
FWCI 1.66; 90th percentile globally (Scopus)

163. Waltzman D, Soman S, Hantke NC, Fairchild JK, Kinoshita LM, Wintermark M, Ashford JW, Yesavage J, Williams LM, Adamson MM, Furst AJ (2017). Altered microstructural caudate integrity in posttraumatic stress disorder but not traumatic brain injury. PLOS ONE, 12(1), e0170564. PMID: 28114393 PMCID: PMC5256941 doi: 10.1371%2Fjournal.pone.0170564

164. Breukelaar IA, Antees C, Grieve SM, Foster SL, Gomes L, **Williams LM**, Korgaonkar MS (2017). Cognitive control network anatomy correlates with neurocognitive behavior: A longitudinal study. Human Brain Mapping, 38(2), 631-643. PMID: 27623046 PMCID: PMC5347905 doi: 10.1002/hbm.23401
FWCI 3.73; 96th percentile globally (Scopus)

    Served as co-senior author in my role as co-I on the Australian federal grant that funded this study and in a "mentor the new mentor" role for Korgaonkar.

165. Routledge KM, Burton KLO, **Williams LM**, Harris A, Schofield PR, Clark CR, Gatt JM (2016). Shared versus distinct genetic contributions of mental wellbeing with depression and anxiety symptoms in healthy twins. Psychiatry Research, 244, 65-70. PMID: 27472172 doi: 10.1016/j.psychres.2016.07.016
FWCI 0.85; 82nd percentile globally (Scopus)

166. **Williams LM** (2016). Precision Psychiatry: A neural circuit taxonomy for depression and anxiety. Lancet Psychiatry, 3(5), 472-480. PMID: 27150382 PMCID: PMC4922884 doi: 10.1016/S2215-0366(15)00579-9
ESI Highly Cited Paper (Web of Science). FWCI 3.97; 99th percentile globally (Scopus)

167. Griffiths K, Grieve SM, Kohn MR, Clarke S, **Williams LM**, Korgaonkar SM (2016). Altered gray matter organization in children and adolescents with ADHD: A structural covariance connectome study. Translational Psychiatry, 6(11), e947. PMID: 27824356 PMCID: PMC5314130 doi:10.1038/tp.2016.219
FWCI 0.45; 86th percentile globally (Scopus)

    Served as co-senior and corresponding author in my role as academic PI on the sponsored award that funded this study and in a "mentor the new mentor" role for Korgaonkar.

168. Goldstein-Piekarski AN, Korgaonkar MS, Green E, Suppes T, Schatzberg AF, Hastie T, Nemeroff CB, **Williams LM** (2016). Human amygdala engagement moderated by early life stress exposure is a biobehavioral target for predicting recovery on antidepressants. Proceedings of the National Academy of Sciences, 113(42), 11955-11960. PMID: 27791054 PMCID: PMC5081583 doi: 10.1073/pnas.1606671113
FWCI 1.49; 89th percentile globally (Scopus)

169. Goldstein-Piekarski A*, **Williams LM*,** Humphreys KN (2016). A trans-diagnostic review of anxiety disorder comorbidity and the impact of multiple exclusion criteria on studying clinical outcomes in anxiety disorders. Translational Psychiatry, 6(6), e847. PMID: 27351601 PMCID: PMC4931606 doi: 10.1038/tp.2016.108
FWCI 0.99; 95th percentile globally (Scopus)

    * Equal first authors.

170. Busovaca E, Zimmerman ME, Meier IB, Griffith EY, Grieve SM, Korgaonkar MS, **Williams LM**, Brickman AM (2016). Is the Alzheimer's disease cortical thickness signature a biological marker for memory? Brain Imaging and Behavior, 10(2), 517-23. PMID: 26040979 PMCID: PMC4670278 doi: 10.1007/s11682-015-9413-5h
FWCI 0.40; 82nd percentile globally (Scopus)

    Served as co-senior author in my role as Chair of the BRAINnet Foundation data sharing site that I founded; contributed to the acquisition, design and write up of this study.

171. Shilyansky C, **Williams LM**, Gyurak A, Harris A, Usherwood T, Etkin A (2016). Selection of cognitive tests for trials of therapeutic agents - Authors' reply. Lancet Psychiatry, 3(6), 499-500. PMID: 27262043 doi: 10.1016/s2215-0366(16)30097-9

172. Kozlowski K, Cruz C, Davies F, Brown KJ, Palmer DM, McLean L, Scher S, **Williams LM** (2016). The utility (or not) of self-report instruments in family assessment for child and adolescent conversion disorders? Australian and New Zealand Journal of Family Therapy, 37(4), 480-499 doi: 10.1002/anzf.1187

173. **Williams LM**, DeBattista C, Duchemin A-M, Schatzberg AF, Nemeroff CB (2016). Childhood trauma predicts antidepressant response in adults with major depression: Data from the randomized international study to predict optimized treatment for depression. Translational Psychiatry, 6(5), e799. PMID: 27138798 PMCID: PMC5070060 doi: 10.1038/tp.2016.61
FWCI 5.39; 99th percentile globally (Scopus)

174. Grieve SM, Korgaonkar MS, Gordon E, **Williams LM**, Rush AJ (2016). Prediction of nonremission to antidepressant therapy using diffusion tensor imaging. The Journal of Clinical Psychiatry, 77(4), 436-443. PMID: 27137427 doi: 10.4088/JCP.14m09577
FWCI 1.25; 82nd percentile globally (Scopus)

175. Shilyansky C, **Williams LM**, Gyurak A, Harris AWF, Usherwood T, Etkin E (2016). Effect of antidepressant treatment on cognitive impairments associated with depression: a randomized longitudinal study. Lancet Psychiatry, 3(5), 425-435. PMID: 26995298 PMCID: PMC4860142 doi: 10.1016/s2215-0366(16)00012-2
FWCI 6.34; 99th percentile globally (Scopus)

    Commentary on this article: Keefe RSE (2016). Treating cognitive impairment in depression: an unmet need. Lancet Psychiatry, 3(5), 392-393. PMID: 26995299 doi: 10.1016/s2215-0366(16)00095-x

176. **Williams LM**, Goldstein-Piekarski AN, Chowdhry N, Grisanzio KA, Haug NA, Samara Z, Etkin A, O'Hara R, Schatzberg AF, Suppes T, Yesavage J (2016). Developing a clinical translational neuroscience taxonomy for anxiety and mood disorder: protocol for the baseline-follow up research domain criteria Anxiety and Depression ("RAD") project. BMC Psychiatry, 16, 68. PMID: 26980207 PMCID: PMC4793523 doi: 10.1186/s12888-016-0771-3
FWCI 1.48; 84th percentile globally (Scopus)

177. Gyurak A, Patenaude B, Korgaonkar MS, Grieve SM, **Williams LM**, Etkin A (2016). Frontoparietal activation during response inhibition predicts remission to antidepressants in patients with major depression. Biological Psychiatry, 79(4), 274-281. PMID: 25891220. doi: 10.1016/j.biopsych.2015.02.037
FWCI 3.17; 96th percentile globally (Scopus)

178. van Dinterin R, Arns M, Kenemans L, Jongsma ML, Kessels RP, Fitzgerald P, Fallahpur K, DeBattista C, Gordon E, **Williams LM** (2015). Utility of event-related potentials in predicting antidepressant treatment response: An iSPOT-D report. European Neuropsychopharmacology, 25(11), 1981-1990. PMID: 26282359 doi: 10.1016/j.euroneuro.2015.07.022
FWCI 1.36; 87th percentile globally (Scopus)

179. **Williams LM**, Korgaonkar MS, Song YC, Paton R, Eagles S, Goldstein-Piekarski A, Grieve SM, Harris AW, Usherwood T, Etkin A (2015). Amygdala reactivity to emotional faces in the prediction of general and medication-specific responses to antidepressant treatment in the randomized iSPOT-D trial. Neuropsychopharmacology, 40(10), 2398-2408. PMID: 25824424 PMCID: PMC4538354 doi: 10.1038/npp.2015.89
FWCI 5.78; 97th percentile globally (Scopus)

180. Schatzberg AF, DeBattista C, Lazzeroni L, Etkin A, Murphy Jr G, **Williams LM** (2015). ABCB1 genetic effects on antidepressant outcomes: A report from the iSPOT-D trial. American Journal of Psychiatry, 172(8), 751-759. PMID: 25815420 doi: 10.1176/appi.ajp.2015.14050680
FWCI 3.40; 93rd percentile globally (Scopus)

    Editorial on this paper: Francis J. McMahon. Clinically useful genetic markers of antidepressant response: How do we get there from here? American Journal of Psychiatry, 172(8), 697-699. doi: 10.1176/appi.ajp.2015.15050644

181. Arnow B, Blasey C, **Williams LM**, Palmer D, Rekshan W, Schatzberg AF, Etkin A, Kulkarni J, Luther J, Rush AJ (2015). Depression subtypes in predicting antidepressant response: A report from the iSPOT-D trial. American Journal of Psychiatry, 172(8), 743-750. PMID: 25815419. doi: 10.1176/appi.ajp.2015.14020181
FWCI 5.54; 97th percentile globally (Scopus)

Served as the academic PI for the overall iSPOT-D study; contributed to design and analysis models, and to manuscript write-up.

Editorial on this paper: Francis J. McMahon. Clinically useful genetic markers of antidepressant response: How do we get there from here? American Journal of Psychiatry, 172(8), 697-699. doi: 10.1176/appi.ajp.2015.15050644

182. Miller S, McTeague LM, Gyurak A, Patenaude B, **Williams LM**, Grieve SM, Korgaonkar MS, Etkin A (2015). Cognition-childhood maltreatment interactions in the prediction of antidepressant outcomes in major depressive disorder patients: Results from the iSPOT-D trial. Depression and Anxiety, 32(8), 594-604. PMID: 25917683 PMCID: PMC4841677 doi: 10.1002/da.22368
FWCI 1.55; 87th percentile globally (Scopus)

Served as the academic PI for the overall iSPOT-D study; contributed to design and analysis models, and to interpretation and write-up.

183. Arns M, Etkin A, Hegerl U, **Williams LM**, DeBattista C, Palmer DM, Fitzgerald PB, Harris A, deBeuss R, Gordon E (2015). Frontal and rostral anterior cingulate (rACC) theta EEG in depression: Implications for treatment outcome? European Neuropsychopharmacology, 25(8), 1190-1200. PMID: 25936227 doi: 10.1016/j.euroneuro.2015.03.007
FWCI 2.15; 96th percentile globally (Scopus)

Served as the academic PI for the overall iSPOT-D study; contributed to design and analysis models, and to interpretation and write-up.

184. Saveanu R*, Etkin A*, Duchemin A-E, Goldstein-Piekarski A, Gyurak A, DeBattista C, Schatzberg AF, Sood S, Day VA, Palmer DM, Rekshan WR, Gordon E, Rush AJ, **Williams LM** (2015). The international Study to Predict Optimized Treatment in Depression (iSPOT-D): Outcomes from the acute phase of antidepressant treatment. Journal of Psychiatric Research, 61, 1-12. PMID: 25586212 doi: 10.1016/j.jpsychires.2014.12.018
FWCI 3.44; 97th percentile globally (Scopus)

185. Etkin A, Patenaude B, Song YJC, Usherwood T, Rekshan W, Schatzberg AF, Rush AJ, **Williams LM** (2015). A cognitive-emotional biomarker for predicting remission with antidepressant medications: A report from the iSPOT-D Trial. Neuropsychopharmacology, 40(6), 1332-1342. PMID: 25547711. PMCID: PMC4397406 doi: 10.1038/npp.2014.333
FWCI 3.20; 95th percentile globally (Scopus)

186. Day CVA, Gatt JM, Etkin A, Debattista C, Schatzberg AF, **Williams LM** (2015). Cognitive and emotional biomarkers of melancholic depression: An iSPOT-D report. Journal of Affective Disorders, 176, 141-150. PMID: 25710095. doi: 10.1016/j.jad.2015.01.061
FWCI 1.67; 80th percentile globally (Scopus)

187. Day CVA, Rush AJ, Harris AWF, Boyce P, Rekshan WR, Etkin A, Debattista C, Schatzberg AF, Arnow BA, **Williams LM** (2015). Impairment and distress patterns distinguishing the melancholic depression subtype: An iSPOT-D report. Journal of Affective Disorders, 174, 493-502. PMID: 25554994 doi: 10.1016/j.jad.2014.10.046

188. Kozlowska K, Palmer DM, Brown KJ, McLean L, Scher S, Gevirtz R, Chudleigh C, **Williams LM** (2015). Reduction of autonomic regulation in children and adolescents with conversion disorders. Psychosomatic Medicine, 77(4), 356-370. PMID: 25954919 doi: 10.1097/PSY.0000000000000184
FWCI 2.71; 93rd percentile globally (Scopus)

189. Kozlowska K, Palmer DM, Brown KJ, Scher S, Chudleigh C, Davies F, **Williams LM** (2015). Conversion disorders in children and adolescents: A disorder of cognitive control. Journal of Neuropsychology, 9(1), 87-108. PMID: 24405496 doi: 10.1111/jnp.12037
FWCI 1.99; 90th percentile globally (Scopus)

190. Burton KL, **Williams LM**, Clark CR, Harris A, Schofield PR, Gatt JM (2015). Sex differences in the shared genetics of dimensions of self-reported depression and anxiety. Journal of Affective Disorders, 188, 35-42. PMID: 26342886 doi: 10.1016/j.jad.2015.08.053

    Served as second author in my role as study PI and mentor for the "new mentor", Gatt, who took on the role of advisor for Burton's graduate work on this study.

191. Gatt JM, Burton KL, **Williams LM**, Schofield PR (2015). Specific and common genes implicated across major mental disorders: A review of meta-analysis studies. Journal of Psychiatric Research, 60, 1-13. PMID: 25287955 doi: 10.1016/j.jpsychires.2014.09.014
FWCI 6.66; 99th percentile globally (Scopus)

    Served as co-senior author in my role as study PI; designed and implemented the study; Co-I Schofield took on the senior author role on this paper because interpretation relied on his specific genetic expertise.

192. Tsang TW, Kohn MR, Efron D, Clarke SD, Clark CR, Lamb C, **Williams LM** (2015). Anxiety in young people with ADHD: Clinical and self-report outcomes. Journal of Attention Disorders, 19(1), 18-26. PMID: 22713359 doi: 10.1177/1087054712446830
FWCI 1.62; 82nd percentile globally (Scopus)

193. Korgaonkar MS, Rekshan W, Gordon E, Rush AJ, **Williams LM**, Blasey C, Grieve SM (2015). Magnetic Resonance Imaging measures of brain structure to predict antidepressant treatment outcome in major depressive disorder. EBioMedicine, 2(1), 37-45. PMID: 26137532 PMCID: PMC4484820 doi: 10.1016/j.ebiom.2014.12.002
FWCI 1.44; 92nd percentile globally (Scopus)

194. Myers AJ, **Williams LM**, Gatt JM, McAuley-Clark EZ, Dobson-Stone C, Schofield PR, Nemeroff CB (2014). Variation in the oxytocin receptor gene is associated with increased risk for anxiety, stress and depression in individuals with a history of exposure to early life stress. Journal of Psychiatric Research, 59, 93-100. PMID: 25262417 PMCID: PMC4252971 doi: 10.1016/j.jpsychires.2014.08.021
FWCI 2.76; 94th percentile globally (Scopus)

    Served as second author in my role as Chair of the BRAINnet Foundation data sharing site I founded; contributed to the acquisition, design and write up of this study.

195. Korgaonkar MS, Fornito A, **Williams LM**, Grieve SM (2014). Abnormal structural networks characterize major depressive disorder: A connectome analysis. Biological Psychiatry, 76(7), 567-574.
FWCI 6.80; 99th percentile globally (Scopus)

196. Korgaonkar MS, Ram K, **Williams LM**, Gatt JM, Grieve SM (2014). Establishing the resting state default mode network derived from functional magnetic resonance imaging tasks as an endophenotype: A twins study. Human Brain Mapping; 35(8), 3893-3902. PMID: 24453120 PMCID: PMC1493306 doi: 10.1002/hbm.22446
FWCI 1.72; 90th percentile globally (Scopus)

    Served as research mentor to Drs. Grieve and Korgaonkar.

197. Korgaonkar MS, **Williams LM**, Song YJ, Usherwood T, Grieve SM (2014). Diffusion tensor imaging predictors of treatment outcomes in major depressive disorder. The British Journal of Psychiatry, 205(4), 321-8. PMID: 24970773 doi: 10.1192/bjp.bp.113.140376
FWCI 3.37; 96th percentile globally (Scopus)

    Served as research mentor to Drs. Grieve and Korgaonkar.

198. Barkl SJ, Lah S, Starling J, Hainsworth C, Harris AWF, **Williams LM** (2014). Facial emotion identification in early-onset psychosis. Schizophrenia Research, 160(1-3), 150-156. PMID: 25464918 doi: 10.1016/j.schres.2014.10.035

199. Barkl SJ, Lah S, Harris AWF, **Williams LM** (2014). Facial emotion identification in early-onset and first-episode psychosis: A systematic review with meta-analysis. Schizophrenia Research, 159(1), 62-69. PMID: 25178803 doi: 10.1016/j.schres.2014.07.049
FWCI 1.98; 95th percentile globally (Scopus)

200. Brennan AM, Harris AW, **Williams LM** (2014). Neural processing of facial expressions of emotion in first onset psychosis. Psychiatry Research, 219(3), 477-85. PMID: 25015712. doi: 10.1016/j.psychres.2014.06.017

201. Brennan AM, Hainsworth C, Starling J, Korgaonkar SM, Harris AWF, **Williams LM** (2015). Emotion circuits differentiate symptoms of psychosis versus mania in adolescents. Neurocase: The Neural Basis of Cognition, 21(5), 592-600. PMID: 25265277 doi: 10.1080/13554794.2014.960426

202. Felmingham KL, Falconer EM, **Williams LM**, Kemp AH, Allen A, Peduto A, Bryant RA (2014). Reduced amygdala and ventral striatal activity to happy faces in PTSD is associated with emotional numbing. PLOS ONE, 9(9), e103653. PMID: 25184336 PMCID: PMC4153581 doi: 10.1371/journal.pone.0103653
FWCI 1.24; 95th percentile globally (Scopus)

    Served as co-mentor for Dr. Felmingham's postdoctoral research.

203. McRae K, Rekshan W, **Williams LM**, Cooper N, Gross J (2014). Effects of antidepressant medication on emotion regulation in depressed patients: An iSPOT-D report. Journal of Affective Disorders, 159, 127-132. PMID: 24679400 doi: 10.1016/j.jad.2013.12.037
FWCI 1.14; 84th percentile globally (Scopus)

    Served as the academic PI for the overall iSPOT-D study; contributed to development of the hypotheses, and to analysis models and to interpretation and write-up.

204. Gatt, JM, Burton KL, Schofield PR, Bryant RA, **Williams LM** (2014). The heritability of mental health and wellbeing defined using COMPAS-W, a new composite measure of wellbeing. Psychiatry Research, 219(1), 204-213. PMID: 24863866 doi: 10.1016/j.psychres.2014.04.033
FWCI 0.92; 94th percentile globally (Scopus)

205. Song YJ, Korgaonkar MS, Armstrong LV, Eagles S, **Williams LM**, Grieve SM (2014). Tractography of the brainstem in major depressive disorder using diffusion tensor imaging. PLOS ONE, 9(1), e84825. PMID: 24465436 PMCID: PMC3897382 doi: 10.1371/journal.pone.0084825
FWCI 0.91; 86th percentile globally (Scopus)

    Served as the academic PI for the overall iSPOT-D study; contributed to development of the study hypotheses interpretation and write-up.

206. Chen AC, Oathes DJ, Chang C, Bradley T, Zhou ZW, **Williams LM**, Glover GH, Deisseroth K, Etkin A (2013). Causal interactions between fronto-parietal central executive and default-mode networks in humans. Proceedings of the National Academy of Sciences, 110(49), 19944-19949. PMID: 24248372 PMCID: PMC3856839 doi: 10.1073/pnas.1311772110

207. Korgaonkar MS, Antees C, **Williams LM**, Gatt JM, Bryant RA, Cohen R, Paul R, O'Hara R, Grieve SM (2013). Early exposure to traumatic stressors impairs emotional brain circuitry. PLOS ONE, 8(9), e75524. PMID: 24073270 PMCID: PMC3779182 doi: 10.1371/journal.pone.0075524
FWCI 0.59; 83rd percentile globally (Scopus)

    Served as research mentor for Drs. Grieve and Korgaonkar.

208. Kozlowska K, Brown KJ, Palmer DM, **Williams LM** (2013). Specific biases for identifying facial expression of emotion in children and adolescents with conversion disorders. Psychosomatic Medicine, 75(3), 272-280. PMID: 23440229 doi: 10.1097/psy.0b013e318286be43
FWCI 0.83; 80th percentile globally (Scopus)

209. Klimova A, Bryant R, **Williams LM**, Felmingham KL (2013). Dysregulation in cortical reactivity to emotional faces in PTSD patients with high dissociation symptoms. European Journal of Psychotraumatology, 4(1), 1-8. PMID: 24020010 PMCID: PMC3764312 doi: 10.3402/ejpt.v4i0.20430

210. Noble KG, Grieve SM, Korgaonkar MS, Engelhardt LE, Griffith EY, **Williams LM**, Brickman AM (2012). Hippocampal volume varies with educational attainment across the life-span. Frontiers in Human Neuroscience, 6, 307. PMID: 23162453 PMCID: PMC3494123 doi: 10.3389/fnhum.2012.00307
FWCI 0.19; 85th percentile globally (Scopus)

211. Chu DA, **Williams LM,** Harris AW, Bryant RA, Gatt JM (2013). Early life trauma predicts self-reported levels of depressive and anxiety symptoms in nonclinical community adults: Relative contributions of

early life stressor types and adult trauma exposure. Journal of Psychiatric Research, 47(1), 23-32. PMID: 23020924 doi: 10.1016/j.jpsychires.2012.08.006
FWCI 2.73; 95th percentile globally (Scopus)

Served as second author and corresponding author; served as research mentor for Dr. Chu.

212. Starling J, **Williams LM**, Hainsworth C, Harris AWF (2013). The presentation of early-onset psychotic disorders. Australian and New Zealand Journal of Psychiatry, 47(1), 43-50. PMID: 23047960 doi: 10.1177/0004867412463615

Served as second author and corresponding author; served as primary mentor for Dr. Starling.

213. Watters AJ, Gotlib IH, Harris AWF, Boyce PM, **Williams LM** (2013). Using multiple methods to characterize the phenotype of individuals with a family history of major depressive disorder. Journal of Affective Disorder, 150(2), 474-480. PMID: 23764382 doi: 10.1016/j.jad.2013.04.042

214. Falconer E, Allen A, Felmingham KL, **Williams LM**, Bryant RA (2013). Inhibitory neural activity predicts response to cognitive-behavioral therapy for posttraumatic stress disorder. The Journal of Clinical Psychiatry, 74(9), 895-901. PMID: 24107763 doi: 10.4088/JCP.12m08020
FWCI 2.96; 94th percentile globally (Scopus)

215. Dobson-Stone C, Polly P, Korgaonkar MS, **Williams LM**, Gordon E, Schofield PR, Mather K, Armstrong NJ, Wen W, Sachdev PS, Kwok OBJ (2013). GSK3B and MAPT polymorphisms are associated with grey matter and intracranial volume in healthy individuals. PLOS ONE, 8(8), e71750. PMID: 23951236 PMCID: PMC3741177 doi: 10.1371/journal.pone.0071750

216. Grieve SM, Korgaonkar MS, Etkin A, Harris A, Koslow SH, Wisniewski S, Schatzberg AF, Nemeroff CB, Gordon E, **Williams LM** (2013). Brain imaging predictors and the international study to predict optimized treatment for depression: study protocol for a randomized controlled trial. Trials, 14, 224. PMID: 23866851 PMCID: PMC3729660 doi: 10.1186/1745-6215-14-224
FWCI 2.00; 85th percentile globally (Scopus)

217. Korgaonkar MS, Grieve SM, Etkin A, Koslow SH, **Williams LM** (2013). Using standardized fMRI protocols to identify patterns of prefrontal circuit dysregulation that are common and specific to cognitive and emotional tasks in major depressive disorder: First wave results from the iSPOT-D study. Neuropsychopharmacology, 38(5), 863-871. PMID: 23303059 PMCID: PMC3671994 doi: 10.1038/npp.2012.252
FWCI 3.43; 97th percentile globally (Scopus)

218. Gershon A, Sudheimer K, Tirouvanziam R, **Williams LM**, O'Hara R (2013). The long-term impact of early adversity on late-life psychiatric disorders. Current Psychiatry Reports, 15(4), 352. PMID: 23443532 doi: 10.1007/s11920-013-0352-9
FWCI 2.85; 95th percentile globally (Scopus)

219. Koslow SH, Wang Y, Palmer DM, Gordon E, **Williams LM** (2013). BRAINnet: A standardized global human brain project. Technology and Innovation, 15(1), 17-29. doi: 10.3727/194982413X13608676060457

220. Grieve SM, Korgaonkar MS, Koslow SH, Gordon E, **Williams LM** (2013). Widespread reductions in grey matter volume in depression. NeuroImage: Clinical (3), 332–339. PMID: 24273717 PMCID: PMC3814952 doi: 10.1016/j.nicl.2013.08.016
FWCI 6.79; 99th percentile globally (Scopus)

221. Brennan AM, Harris AWF, **Williams LM** (2013). Functional dysconnectivity in schizophrenia and its relationship to neural synchrony. Expert Review of Neurotherapeutics, 13(7), 755-765. PMID: 23898848 doi: 10.1586/14737175.2013.811899

222. Baker LM, **Williams LM,** Korgaonkar MS, Cohen RA, Heaps JM, Paul RH (2013). Impact of early vs. late childhood early life stress on brain morphometrics. Brain imaging and behavior, 7(2), 196-203. PMID: 23247614 doi: 10.1007/s11682-012-9215-y
FWCI 3.37; 97th percentile globally (Scopus)

Served as second author in my role as Chair of the BRAINnet Foundation data sharing site I founded; contributed to the acquisition, design and write up of this study.

223. Silverstein SM, All SD, Thompson JL, **Williams LM** (2012). Absolute level of gamma synchrony is increased in first-episode schizophrenia during face processing. Journal of Experimental Psychopathology, 3(4), 702-723. doi: 10.5127%2Fjep.023311

224. **Williams LM**, Cooper NJ, Wisniewski SR, Gatt JM, Koslow SH, Kulkarni J, Devarney S, Gordon E, Rush AJ (2012). Sensitivity, specificity, and predictive power of the "Brief Risk-resilience Index for Screening", a brief pan-diagnostic web screen for emotional health. Brain and Behavior, 2(5), 576-589. PMID: 23139903 PMCID: PMC3489810 doi: 10.1002/brb3.76

225. Gatt JM, Korgaonkar M, Schofield PR, Harris A, Clark CR, Oakley K, Ram K, Michaelson H, Yap S, Stanners M, Wise M, **Williams LM** (2012). The TWIN-E project in emotional wellbeing: Study protocol and preliminary heritability results across four MRI and DTI measures. Twin Research and Human Genetics. Special Issue: The Genetics of Brain Imaging Phenotypes. 15(3), 419-41. PMID: 22856376 doi: 10.1017/thg.2012.12
FWCI 1.88; 84th percentile globally (Scopus)

226. Brickman AM, Meier IB, Korgaonkar MS, Provenzano FA, Grieve SM, Siedlecki KL, Wasserman BT, **Williams LM**, Zimmerman ME (2012). Testing the white matter retrogenesis hypothesis of cognitive aging. Neurobiology of Aging, 33(8), 1699-715. PMID: 21783280 PMCID: PMC3222729 doi: 10.1016/j.neurobiolaging.2011.06.001
FWCI 2.71; 97th percentile globally (Scopus)

    Served as a co-senior author in my role as Chair of the BRAINnet Foundation data sharing site I founded; contributed to the acquisition, design and write up of this study.

227. Korgaonkar M, Cooper NC, **Williams LM**, Grieve SM (2012). Mapping inter-regional connectivity of the entire cortex to characterize major depressive disorder: a whole-brain diffusion tensor imaging tractography study. NeuroReport, 23(9), 566-571. PMID: 22562047 doi: 10.1097/WNR.0b013e3283546264
FWCI 1.85; 90th percentile globally (Scopus)

    Served as a co-senior author in my role as Chair of the BRAINnet Foundation data sharing site I founded; contributed to the acquisition, design and write up of this study.

228. **Williams LM,** Rush AJ, Koslow SH, Wisniewski SR, Cooper NJ, Nemeroff CB, Schatzberg AF, Gordon E (2011). International Study to Predict Optimized treatment for Depression (iSPOT-D), a randomized clinical trial: rationale and protocol. Trials, 12, 4. PMID: 21208417 PMCID: PMC3036635 doi: 10.1186/1745-6215-12-4
FWCI 3.20; 97th percentile globally (Scopus)

229. **Williams LM,** Kohn MR, Clarke SD (2011). Reply to commentary on the Williams et al. 2010 article. Pediatric Neurology, 44(2), 157. https://www.sciencedirect.com/journal/pediatric-neurology/vol/44/issue/2

230. Grieve SM, Korgaonkar MS, Clark CR, **Williams LM** (2011). Regional heterogeneity in limbic maturational changes: evidence from integrating cortical thickness, volumetric and diffusion tensor imaging measures. NeuroImage, 55(3), 868-79. PMID: 21224000 doi: 10.1016/j.neuroimage.2010.12.087
FWCI 1.58; 87th percentile globally (Scopus)

231. Hatch A, Madden S, Kohn MR, Clarke S, Touyz S, Gordon E, **Williams LM** (2011). EEG in adolescent anorexia nervosa: Impact of refeeding and weight gain. The International Journal of Eating Disorders, 44(1), 65-75. PMID: 20063377 doi: 10.1002/eat.20777

232. Kozlowska K, Scher S, **Williams LM** (2011). Patterns of emotional-cognitive function in pediatric conversion patients: implications for the conceptualization of conversion disorders. Psychosomatic Medicine, 73(9), 775-88. PMID: 22048837 doi: 10.1097/psy.0b013e3182361e12
FWCI 1.19; 93rd percentile globally (Scopus)

233. Tsang TW, Kohn MR, Hermens DR, Clarke SD, Clark CR, Efron D, Cranswick N, Lamb C, **Williams LM** (2011). A Randomized controlled trial investigation of a non-stimulant in attention deficit hyperactivity disorder (ACTION): rationale and design. Trials, 12, 77. PMID: 21396130 PMCID: PMC3068100 doi: 10.1186/1745-6215-12-77

234. Watters AJ, **Williams LM** (2011). Negative Biases and Risk for Depression; Integrating Self-report and Emotion Task Markers. Depression and Anxiety, 28(8), 703-18. PMID:21796742 doi: 10.1002/da.20854
FWCI 0.72; 90th percentile globally (Scopus)

235. Korgaonkar MS, Grieve SM, Koslow SH, Gabrieli JDE, Gordon E, **Williams LM** (2011). Loss of white matter integrity in major depressive disorder: evidence using tract-based spatial statistical analysis of diffusion tensor imaging. Human Brain Mapping, 32(12), 2161–2171 PMID: 21170955
doi: 10.1002/hbm.21178
FWCI 6.12; 97th percentile globally (Scopus)

236. **Williams LM,** Hermens DF, Thein T, Clark CR, Cooper NJ, Clarke SD, Lamb C, Gordon E, Kohn MR (2010). Using brain-based cognitive measures to support clinical decisions in ADHD. Pediatric Neurology, 42(2), 118-126. PMID: 20117748 doi: 10.1016/j.pediatrneurol.2009.08.010
FWCI 2.63; 91st percentile globally (Scopus)

237. **Williams LM,** Gatt JM, Grieve SM, Dobson-Stone C, Paul RH, Gordon E, Schofield PR (2010). COMT Val(108/158)Met polymorphism effects on emotional brain function and negativity bias. NeuroImage, 53(3), 918-925. PMID: 20139013 doi: 10.1016/j.neuroimage.2010.01.084
FWCI 3.09; 94th percentile globally (Scopus)

238. Gatt JM, Nemeroff CB, Schofield PR, Paul RH, Clark CR, Gordon E, **Williams LM** (2010). Early life stress combined with serotonin 3A receptor and brain-derived neurotrophic factor valine 66 to methionine genotypes impacts emotional brain and arousal correlates of risk for depression. Biological Psychiatry, 68(9), 818-824. PMID: 20728877 doi: 10.1016/j.biopsych.2010.06.025
FWCI 1.52; 92nd percentile globally (Scopus)

239. Hatch A, Madden S, Clarke S, Touyz S, Gordon E, **Williams LM** (2010). Anorexia nervosa: towards an integrative neuroscience model. European Eating Disorders Review, 18(3), 165–179. PMID: 20443202
doi: 10.1002/erv.974
FWCI 2.13; 90th percentile globally (Scopus)

240. Hatch A, Madden S, Kohn MR, Clarke S, Touyz S, Gordon E, **Williams LM** (2010). Emotion brain alterations in anorexia nervosa: a candidate biological marker and implications for treatment. Journal of Psychiatry & Neuroscience, 35(4), 267-274. PMID: 20598239 PMCID: PMC2895157
doi: 10.1503/jpn.090073

241. Hatch A, Madden S, Kohn MR, Clark S, Touyz S, Gordon E, **Williams LM** (2010). In first presentation adolescent anorexia nervosa, do cognitive markers of underweight status change with weight gain following a refeeding intervention? International Journal of Eating Disorders, 43(4), 295-306.
PMID: 19434607 doi: 10.1002/eat.20695
FWCI 2.08; 93rd percentile globally (Scopus)

242. Kemp AH, Pe Benito L, Quintana DS, Clark CR, McFarlane A, Mayur P, Harris A, Boyce P, **Williams LM** (2010). Impact of depression heterogeneity on attention: an auditory oddball event related potential study. Journal of Affective Disorders, 123(1-3), 202-207. PMID: 19740547
doi: 10.1016/j.jad.2009.08.010
FWCI 1.33; 85th percentile globally (Scopus)

243. Kozlowska K, **Williams LM** (2010). Self-protective organization in children with conversion symptoms: a cross-sectional study looking at psychological and biological correlates. Mind & Brain, The Journal of Psychiatry, 1(2), 43-58.

244. Bryant RA, Kemp A, Felmingham K, Liddell B, Olivieri G, Peduto A, Gordon E, **Williams LM** (2010). Simulating emotional responses in posttraumatic stress disorder: an fMRI study. Psychological Injury and Law, 3, 111-117. doi: 10.1007/s12207-010-9071-2

245. Gatt JM, **Williams LM,** Schofield PR, Dobson-Stone C, Paul RH, Grieve SM, Clark CR, Gordon E, Nemeroff CB (2010). Impact of the HTR3A gene with early life trauma on emotional brain networks and depressed mood. Depression and Anxiety, 27(8), 752-759. PMID: 20694966 doi: 10.1002/da.20726
FWCI 2.94; 91st percentile globally (Scopus)

    Served as second author in my role as Chair of the BRAINnet Foundation data sharing site I founded; contributed to the acquisition, design and write up of this study.

246. Felmingham K, **Williams LM**, Kemp AH, Liddell B, Falconer E, Peduto A, Bryant R (2010). Neural responses to masked fear faces: sex differences and trauma exposure in posttraumatic stress disorder. Journal of Abnormal Psychology, 119(1), 241-247. PMID: 20141261 doi: 10.1037/a0017551
FWCI 2.13; 97th percentile globally (Scopus)

247. **Williams LM,** Gatt JM, Schofield PR, Olivieri G, Peduto A, Gordon E (2009). 'Negativity bias' in risk for depression and anxiety: brain-body fear circuitry correlates, 5-HTT-LPR and early life stress. NeuroImage, 47(3), 804-814 (special issue; Brain-Body Medicine). PMID: 19446647
doi: 10.1016/j.neuroimage.2009.05.009
FWCI 2.98; 96th percentile globally (Scopus)

248. **Williams LM**, Whitford TJ, Nagy M, Flynn G, Harris AWF, Silverstein SM, Gordon E (2009). Emotion-elicited gamma synchrony in patients with first-episode schizophrenia: a neural correlate of social cognition outcomes. Journal of Psychiatry & Neuroscience, 34(4), 303-13. PMID: 19568482
PMCID: PMC2702448
FWCI 1.11; 84th percentile globally (Scopus)

249. Moore N, Fagan P, Cooper N, Barnett K, Miretsky E, **Williams LM**, Gordon E (2009). Touch-screen computerized neuropsychological assessment of Alzheimer's disease. Alzheimer's and Dementia, 5(5), e10-e17. doi: 10.1016/j.jalz.2009.07.023

250. **Williams LM,** Whitford TJ, Gordon E, Gomes L, Brown KJ, Harris AWF (2009). Neural synchrony in patients with a first episode of schizophrenia: tracking relations with grey matter and symptom profile. Journal of Psychiatry & Neuroscience, 34(1), 21-29. PMID: 19125210 PMCID: PMC2612078

251. **Williams LM,** Gatt JM, Kuan SA, Dobson-Stone C, Palmer DM, Paul RH, Song L, Costa PT, Schofield PR, Gordon E (2009). A polymorphism of the MAOA gene is associated with emotional brain markers and personality traits on an antisocial index. Neuropsychopharmacology, 34(7), 1797-1809. PMID: 19194374 doi: 10.1038/npp.2009.1
FWCI 2.54; 93rd percentile globally (Scopus)

252. **Williams LM,** Mathersul D, Palmer D, Gur R, Gordon E (2009). Explicit identification and implicit recognition of facial emotions: I. Age effects in males and females across 10 decades. Journal of Clinical and Experimental Neuropsychology, 31(3), 257-77. PMID: 18720177 doi: 10.1080/13803390802255635
FWCI 2.84; 97th percentile globally (Scopus)

253. Gatt JM, Nemeroff CB, Dobson-Stone C, Paul RH, Bryant RA, Schofield PR, Gordon E, Kemp AH, **Williams LM** (2009). Interactions between BDNF Val66Met polymorphism and early life stress predict brain and arousal pathways to syndromal depression and anxiety. Molecular Psychiatry, 14(7), 681-95. PMID: 19153574 doi: 10.1038/mp.2008.143
FWCI 12.16; 99th percentile globally (Scopus)

254. Joffe RT, Gatt JM, Kemp AH, Grieve S, Dobson-Stone C, Kuan SA, Schofield PR, Gordon E, **Williams LM** (2009). Brain derived neurotrophic factor Val66Met polymorphism, the five factor model of personality and hippocampal volume: Implications for depressive illness. Human Brain Mapping, 30(4), 1246-1256. PMID: 18548532 PMCID: PMC6870931 doi: 10.1002/hbm.20592
FWCI 4.00; 91st percentile globally (Scopus)

255. Kemp AH, Hopkinson PJ, Hermens DF, Rowe DL, Sumich AL, Clark CR, Drinkenburg W, Abdi N, Penrose R, McFarlane A, Boyce P, Gordon E, **Williams LM** (2009). Fronto-temporal alterations within the first 200 ms during an attentional task distinguish major depression, non-clinical participants with depressed mood and healthy controls: a potential biomarker? Human Brain Mapping, 30(2), 602-614. PMID: 18181154 PMCID: PMC6870851 doi: 10.1002/hbm.20528
FWCI 1.94; 88th percentile globally (Scopus)

256. Kemp AH, Gordon E, Rush AJ, **Williams LM** (2009). Computerized neuropsychological assessments: pros and cons. CNS Spectrums, 14 (3), 118-120. PMID: 19407707 doi: 10.1017/s1092852900020083

257. Kemp AH, Felmingham KL, Falconer E, Liddell BJ, Bryant RA, **Williams LM** (2009). Heterogeneity of non-conscious fear perception in posttraumatic stress disorder as a function of physiological arousal: an fMRI study. Psychiatry Research, 174(2), 158-61. PMID: 19836929 doi: 10.1016/j.pscychresns.2009.04.012

258. Kozlowska K, **Williams LM** (2009). Self-protective organization in children with conversion and somatoform disorders. Journal of Psychosomatic Research, 67(3), 223-233. PMID: 19686878 doi: 10.1016/j.jpsychores.2009.03.016
FWCI 1.08; 83rd percentile globally (Scopus)

259. Mathersul D, Palmer DM, Gur RC, Gur RE, Cooper N, Gordon E, **Williams LM** (2009). Explicit identification and implicit recognition of facial emotions: II. Core domains and relationships with general cognition. Journal of Clinical and Experimental Neuropsychology, 31(3), 278- 291. PMID: 18720178 doi: 10.1080/13803390802043619
FWCI 1.86; 94th percentile globally (Scopus)

260. Felmingham KL, **Williams LM,** Whitford TJ, Falconer E, Kemp AH, Peduto A, Bryant RA (2009). Duration of posttraumatic stress disorder predicts hippocampal grey matter loss. NeuroReport, 20(16), 1402-1406. PMID: 19794316 doi: 10.1097/wnr.0b013e3283300fbc
FWCI 1.13; 92nd percentile globally (Scopus)

261. Felmingham KL, **Williams LM,** Kemp AH, Rennie C, Gordon E, Bryant RA (2009). Anterior cingulate activity to salient stimuli is modulated by autonomic arousal in posttraumatic stress disorder. Psychiatry Research: Neuroimaging, 173(1), 59-62. PMID: 19446442 doi: 10.1016/j.pscychresns.2008.12.005
FWCI 1.82; 89th percentile globally (Scopus)

262. Rubinov M, Knock SA, Stam CJ, Micheloyannis S, Harris AWF, **Williams LM**, Breakspear M (2009). Small-world properties of nonlinear brain activity in schizophrenia. Human Brain Mapping, 30(2), 403-416. PMID: 18072237 PMCID: PMC6871165 doi: 10.1002/hbm.20517
FWCI 12.60; 99th percentile globally (Scopus)

263. Schofield PR*, **Williams LM***, Paul RH, Gatt JM, Brown K, Luty A, Cooper N, Grieve S, Dobson-Stone C, Morris C, Kuan S, Gordon E (2009). Disturbances in selective information processing associated with the BDNF Val66Met polymorphism: evidence from cognition, the P300 and fronto-hippocampal systems. Biological Psychology, 80(2), 176-188. PMID: 18838100 doi: 10.1016/j.biopsycho.2008.09.001
FWCI 2.55; 94th percentile globally (Scopus)

    * Equal first authors.

264. Whitford TJ, Farrow TFD, **Williams LM**, Gomes L, Brennan J, Harris AWF (2009). Delusions and dorso-medial frontal cortex volume in first-episode schizophrenia: a voxel-based morphometry study. Psychiatry Research: Neuroimaging, 172(3), 175-179. PMID: 19395244 doi: 10.1016/j.pscychresns.2008.07.011

265. Craig A, Tran Y, Hermens G, **Williams LM,** Kemp AH, Morris C, Gordon E (2009). Psychological and neural correlates of emotional intelligence in a large sample of adult males and females. Personality and Individual Differences, 46(2), 111-115. doi: 10.1016/j.paid.2008.09.011
FWCI 1.14; 87th percentile globally (Scopus)

266. Gow RV, Matsudaira T, Taylor E, Rubia K, Crawford M, Ghebremeskel K, Ibrahimovic A, Vallée-Tourangeau F, **Williams LM**, Sumich A (2009). Total red blood cell concentrations of omega-3 fatty acids are associated with emotion-elicited neural activity in adolescent boys with attention-deficit hyperactivity disorder. Prostaglandins, Leukotrienes and Essential Fatty Acids, 80(2-3), 151-156. PMID: 19230637 doi: 10.1016/j.plefa.2008.12.007

267. **Williams LM**, Gatt JM, Hatch A, Palmer DM, Nagy M, Rennie CJ, Cooper N, Morris C, Grieve S, Dobson-Stone C, Schofield P, Clark CR, Gordon E, Arns M, Paul RH (2008). The integrate model of emotion, thinking and self-regulation: an application to the "paradox of aging". Journal of Integrative

Neuroscience, 7(3), 367-404. PMID: 18988298 doi: 10.1142/s0219635208001939
FWCI 1.45; 85th percentile globally (Scopus)

268. **Williams LM**, Hermens DF, Palmer D, Kohn M, Clarke S, Keage H, Clark CR, Gordon E (2008). Misinterpreting emotional expressions in attention-deficit/hyperactivity disorder: evidence for a neural marker and stimulant effects. Biological Psychiatry, 63(10), 917-926 (included on cover). PMID: 18272140 doi: 10.1016/j.biopsych.2007.11.022
FWCI 1.88; 97th percentile globally (Scopus)

269. **Williams LM**, Whitford TJ, Flynn G, Wong W, Liddell BJ, Silverstein S, Galletly C, Harris AWF, Gordon E (2008). General and social cognition in first episode schizophrenia: identification of separable factors and prediction of functional outcome using the IntegNeuro test battery. Schizophrenia Research, 99(1-3), 182-191. PMID: 18053688 doi: 10.1016/j.schres.2007.10.019
FWCI 3.22; 93rd percentile globally (Scopus)

270. Bryant RA, Felmingham KL, Kemp AH, Das P, Hughes G, Peduto A, **Williams LM** (2008). Amygdala and ventral anterior cingulate activation predicts treatment response to cognitive behaviour therapy for post-traumatic stress disorder. Psychological Medicine, 38(4), 555-561. PMID: 18005496 doi: 10.1017/s0033291707002231
FWCI 5.33; 98th percentile globally (Scopus)

271. Bryant RA, Kemp AH, Felmingham KL, Liddell BJ, Olivieri G, Peduto A, Gordon E, **Williams LM** (2008). Enhanced amygdala and medial prefrontal activation during nonconscious processing of fear in posttraumatic stress disorder: an fMRI study. Human Brain Mapping, 29(5), 517-523. PMID: 17525984 PMCID: PMC6870569 doi: 10.1002/hbm.20415
FWCI 5.68; 98th percentile globally (Scopus)

272. Bryant RA, Felmingham K, Whitford T, Kemp AH, Hughes G, Peduto A, **Williams LM** (2008). Rostral anterior cingulate volume predicts treatment response to cognitive-behavioural therapy for posttraumatic stress disorder. Journal of Psychiatry and Neuroscience, 33(2), 142-146. PMID: 18330460 PMCID: PMC2265310
FWCI 2.88; 96th percentile globally (Scopus)

273. Flynn G, Alexander D, Harris AWF, Whitford TJ, Wong W, Galletly C, Silverstein S, Gordon E, **Williams LM** (2008). Increased absolute magnitude of gamma synchrony in first-episode psychosis. Schizophrenia Research, 105(1-3), 262-271. PMID: 18603413 doi: 10.1016/j.schres.2008.05.029
FWCI 1.31; 89th percentile globally (Scopus)

274. Gatt JM, Kuan SA, Dobson-Stone C, Paul RH, Joffe RT, Kemp AH, Gordon E, Schofield PR, **Williams LM** (2008). Association between BDNF Val66Met polymorphism and trait depression is mediated via resting EEG alpha band activity. Biological Psychology, 79(2), 275-284. PMID: 18721847 doi: 10.1016/j.biopsycho.2008.07.004
FWCI 1.10; 89th percentile globally (Scopus)

275. Kemp AH, Gordon E, Rush AJ, **Williams LM** (2008). Improving the prediction of treatment response in depression: integration of clinical, cognitive, psychophysiological, neuroimaging, and genetic measures. CNS Spectrums, 13(12), 1066-86. PMID: 19179943 doi: 10.1017/s1092852900017120
FWCI 2.50; 97th percentile globally (Scopus)

276. Alexander DM, Hermens DF, Keage HAD, Clark CR, **Williams LM**, Kohn M, Clarke SD, Lamb C, Gordon E (2008). Event-related wave activity in the EEG provides new marker of ADHD. Journal of Clinical Neurophysiology, 119(1), 163-179. PMID: 18054279 doi: 10.1016/j.clinph.2007.09.119
FWCI 0.60; 84th percentile globally (Scopus)

277. Falconer EM, Bryant R, Felmingham KL, Kemp AH, Gordon E, Peduto A, Olivieri G, **Williams LM** (2008). The neural networks of inhibitory control in posttraumatic stress disorder. Journal of Psychiatry and Neuroscience, 33(5), 413-422. PMID: 18787658 PMCID: PMC2527717
FWCI 1.65; 98th percentile globally (Scopus)

278. Falconer EM, Felmingham KL, Allen A, Clark CR, McFarlane AC, **Williams LM**, Bryant RA (2008). Developing an integrated brain, behavior and biological response profile in posttraumatic stress disorder

(PTSD). Journal of Integrative Neuroscience, 7(3), 439-456. PMID: 18988301 doi: 10.1142/s0219635208001873

279. Felmingham KL, Kemp AH, **Williams LM**, Falconer E, Olivieri G, Peduto A, Bryant RA (2008). Dissociative responses to conscious and non-conscious fear impact underlying brain function in post-traumatic stress disorder. Psychological Medicine, 38(12), 1771-80. PMID: 18294420 doi: 10.1017/s0033291708002742
FWCI 2.01; 96th percentile globally (Scopus)

280. Keage HA, Clark CR, Hermens DF, **Williams LM**, Kohn MR, Clarke S, Lamb C, Crewther D, Gordon E (2008). Putative biomarker of working memory systems development during childhood and adolescence. NeuroReport, 19(2), 197-201. PMID: 18185108 doi: 10.1097/wnr.0b013e3282f454af

281. Keage HAD, Clark CR, Hermens DF, **Williams LM**, Kohn MR, Clarke S, Lamb C, Crewther D, Gordon E (2008). ERP indices of working memory updating in AD/HD: differential aspects of development, subtype, and medication. Journal of Clinical Neurophysiology, 25(1), 32-41. PMID: 18303558 doi: 10.1097/wnp.0b013e318163ccc0

282. Mathersul D, **Williams LM**, Hopkinson PJ, Kemp AH (2008). Investigating models of affect: relationships among EEG alpha asymmetry, depression, and anxiety. Emotion, 8(4), 560-572. PMID: 18729586 doi: 10.1037/a0012811
FWCI 2.76; 98th percentile globally (Scopus)

283. Gordon E, Barnett KJ, Cooper NJ, Tran N, **Williams LM** (2008). An "integrative neuroscience" platform: application to profiles of negativity and positivity bias. Journal of Integrative Neuroscience, 7(3), 345-66. PMID: 18988297 doi: 10.1142/S0219635208001927
FWCI 1.17; 85th percentile globally (Scopus)

284. Gunstad J, Spitznagel MB, Paul RH, Cohen RA, Kohn M, Luyster FS, Clark R, **Williams LM**, Gordon E (2008). Body mass index and neuropsychological function in healthy children and adolescents. Appetite, 50(2-3), 246-251. PMID: 17761359 doi: 10.1016/j.appet.2007.07.008
FWCI 2.03; 93rd percentile globally (Scopus)

285. Paul RH, Henry L, Grieve SM, Guilmette TJ, Niaura R, Bryant RA, Bruce S, **Williams LM**, Clark CR, Cohen RA, Gordon E (2008). The relationship between early life stress and microstructural integrity of the corpus callosum in a non-clinical population. Neuropsychiatric Disease and Treatment, 4(1), 193-201. PMID: 18728817 PMCID: PMC2515911 doi: 10.2147/ndt.s1549

286. Seckfort DL, Paul R, Grieve SM, Vandenburg B, Bryant RA, **Williams LM,** Clark CR, Cohen RA, Bruce S, Gordon E (2008). Early life stress on brain structure and function across the lifespan: a preliminary study. Brain Imaging and Behavior, 2(1), 49-58. doi: 10.1007/s11682-007-9015-y
FWCI 0.58; 83rd percentile globally (Scopus)

287. Shankman SA, Silverstein SM, **Williams LM**, Hopkinson PJ, Kemp AH, Felmingham KL, Bryant RA, McFarlane A, Clark CR (2008). Resting electroencephalogram asymmetry and posttraumatic stress disorder. Journal of Traumatic Stress, 21(2), 190-198. PMID: 18404640 doi: 10.1002/jts.20319
FWCI 1.27; 79th percentile globally (Scopus)

288. Zipparo L, Whitford TJ, Redoblado Hodge MA, Lucas S, Farrow TFD, Brennan J, Gomes L, **Williams LM**, Harris AWF (2008). Investigating the neuropsychological and neuroanatomical changes that occur over the first 2-3 years of illness in patients with first-episode schizophrenia. Progress in Neuropsychopharmacology and Biological Psychiatry, 32(2), 531-538. PMID: 18061326 doi: 10.1016/j.pnpbp.2007.10.011
FWCI 1.69; 83rd percentile globally (Scopus)

289. **Williams LM**, Kemp AH, Felmingham K, Liddell BJ, Palmer DM, Bryant RA (2007). Neural biases to covert and overt signals of fear: dissociation by trait anxiety and depression. Journal of Cognitive Neuroscience, 19(10), 1595-1608. PMID: 17854280 doi: 10.1162/jocn.2007.19.10.1595
FWCI 1.23; 91st percentile globally (Scopus)

290. **Williams LM**, Felmingham K, Kemp AH, Rennie C, Brown KJ, Bryant RA, Gordon E (2007). Mapping frontal-limbic correlates of orienting to change detection. NeuroReport, 18(3), 197-202. PMID: 17314656 doi: 10.1097/wnr.0b013e328010ff80

291. **Williams LM,** Das P, Liddell BJ, Olivieri G, Peduto AS, David AS, Gordon E, Harris AWF (2007). Fronto-limbic and autonomic disjunctions to negative emotion distinguish schizophrenia subtypes. Psychiatry Research: Neuroimaging, 155(1), 29-44. PMID: 17398080 doi: 10.1016/j.pscychresns.2006.12.018
FWCI 4.71; 96th percentile globally (Scopus)

292. Clarke SD, Kohn MR, Hermens DF, Rabbinge M, Clark CR, Gordon E, **Williams LM** (2007). Distinguishing symptom profiles in adolescent ADHD using an objective cognitive test battery. International Journal of Adolescent Medicine and Health, 19(3), 355-367. PMID: 17937152 doi: 10.1515/ijamh.2007.19.3.355

293. Das P, Kemp AH, Flynn GF, Harris AWF, Liddell BJ, Whitford TJ, Peduto AS, Gordon E, **Williams LM** (2007). Functional disconnections in the direct and indirect amygdala pathways for fear processing in schizophrenia. Schizophrenia Research, 90(1-3), 284-294. PMID: 17222539 doi: 10.1016/j.schres.2006.11.023
FWCI 3.00; 95th percentile globally (Scopus)

294. Gatt JM, Clark CR, Kemp AH, Liddell BJ, Dobson-Stone C, Kuan SA, Schofield PR, **Williams LM** (2007). A genotype-endophenotype-phenotype path model of depressed mood: integrating cognitive and emotional markers. Journal of Integrative Neuroscience, 6(1), 75-104. PMID: 17472225 doi: 10.1142/s0219635207001398

295. Hermens DF, Cooper NJ, Clark CR, Debrota D, Clarke SD, **Williams LM** (2007). An integrative approach to determine the best behavioral and biological markers of methylphenidate. Journal of Integrative Neuroscience, 6(1), 105-140. PMID: 17472226 doi: 10.1142/s0219635207001441

296. Kemp AH, Felmingham K, Das P, Hughes G, Peduto AS, Bryant RA, **Williams LM** (2007). Influence of comorbid depression on fear in posttraumatic stress disorder: an fMRI study. Psychiatry Research: Neuroimaging, 155(3), 265-269. PMID: 17572075 doi: 10.1016/j.pscychresns.2007.01.010
FWCI 1.18; 84th percentile globally (Scopus)

297. Rowe DL, Cooper N, Liddell BJ, Clark CR, Gordon E, **Williams LM** (2007). Brain structure and function correlates of general and social cognition. Journal of Integrative Neuroscience, 6(1), 35-74. PMID: 17472224 doi: 10.1142/s021963520700143x

298. Whitford TJ, Rennie CJ, Grieve SM, Clark CR, Gordon E, **Williams LM** (2007). Brain maturation in adolescence: concurrent changes in neuroanatomy and neurophysiology. Human Brain Mapping, 28(3), 228-237. PMID: 16767769 PMCID: PMC6871488 doi: 10.1002/hbm.20273
FWCI 5.00; 99th percentile globally (Scopus)

299. Whitford TJ, Farrow TFD, Rennie CJ, Grieve SM, Gomes L, Brennan J, Harris AWF, **Williams LM** (2007). Longitudinal changes in neuroanatomy and neural activity in early schizophrenia. NeuroReport, 18(5), 435-439. PMID: 17496799 doi: 10.1097/wnr.0b013e3280119d31

300. Whitford TJ, Grieve SM, Farrow TFD, Gomes L, Brennan J, Harris AWF, Gordon E, **Williams LM** (2007). Volumetric white matter abnormalities in first-episode schizophrenia: a longitudinal, tensor-based morphometry study. American Journal of Psychiatry, 164(7), 1082-1089 (subject of editorial). PMID: 17606660 doi: 10.1176/ajp.2007.164.7.1082
FWCI 3.08; 92nd percentile globally (Scopus)

301. Dobson-Stone C, Gatt JM, Kuan SA, Grieve GM, Gordon E, **Williams LM**, Schofield PR (2007). Investigation of MCPH1 G37995C and ASPM A44871G polymorphisms and brain size in a healthy cohort. NeuroImage, 37(2), 394-400. PMID: 17566767 doi: 10.1016/j.neuroimage.2007.05.011

302. Felmingham KL, Kemp AH, **Williams LM**, Das P, Hughes G, Peduto AS et al (2007). Changes in anterior cingulate and amygdala after cognitive behavior therapy of posttraumatic stress disorder. Psychological Science, 18(2), 127-129. PMID: 17425531 doi: 10.1111/j.1467-9280.2007.01860.x
FWCI 2.81; 98th percentile globally (Scopus)

303. Grieve SM, **Williams LM**, Paul RH, Clark RC, Gordon E (2007). Cognitive aging, executive function, and fractional anisotropy: a diffusion tensor MR imaging study. American Journal of Neuroradiology, 28(2), 226-235. PMID: 17296985 PMCID: PMC7977408
FWCI 7.15; 99th percentile globally (Scopus)

304. Alexander DM, **Williams LM**, Gatt JM, Dobson-Stone C, Kuan S, Todd EG, Schofield PR, Cooper N, Gordon E (2007). The contribution of apolipoprotein E alleles on cognitive performance and dynamic neural activity over six decades. Biological Psychology, 75(3), 229-238. PMID: 17433528 doi: 10.1016/j.biopsycho.2007.03.001
FWCI 1.82; 95th percentile globally (Scopus)

305. Liddell BJ, Paul RH, Arns M, Gordon N, Kukla M, Rowe D, Cooper N, Moyle J, **Williams LM** (2007). Rates of decline distinguish Alzheimer's disease and mild cognitive impairment relative to normal aging: integrating cognition and brain function. Journal of Integrative Neuroscience, 6(1), 141-174. PMID: 17472227 doi: 10.1142/s0219635207001374
FWCI 0.83; 83rd percentile globally (Scopus)

306. Boord PR, Rennie CJ, **Williams LM** (2007). Integrating "brain" and "body" measures: correlation between EEG and metabolic changes over the human lifespan. Journal of Integrative Neuroscience, 6(1), 205-218. PMID: 17472230 doi: 10.1142/s0219635207001416

307. Gordon E, Liddell BJ, Brown KJ, Bryant RA, Clark CR, Das P, Dobson-Stone C, Falconer E, Felmingham KL, Flynn G, Gatt JM, Harris A, Hermens DF, Hopkinson PJ, Kemp AH, Kuan SA, Lazzaro I, Moyle J, Paul RH, Rennie CJ, Schofield PR, Whitford TJ, **Williams LM** (2007). Integrating objective gene-brain-behavior markers of psychiatric disorders. Journal of Integrative Neuroscience, 6(1), 1-34. PMID: 17472223 doi: 10.1142/s0219635207001465

308. McLaughlin NCR, Paul RH, Grieve SM, **Williams LM**, Laidlaw D, CiCarolo M, Clark CR, Whelihan W, Cohen RA, Whitford TJ, Gordon E (2007). Diffusion tensor imaging of the corpus callosum: a cross-sectional study across the lifespan. International Journal of Developmental Neuroscience, 25(4), 215-221. PMID: 17524591 doi: 10.1016/j.ijdevneu.2007.03.008
FWCI 2.41; 92nd percentile globally (Scopus)

309. Paul RH, Gunstad J, Cooper N, **Williams LM**, Clark CR, Cohen RA, Lawrence JJ, Gordon E (2007). Cross-cultural assessment of neuropsychological performance and electrical brain function measures: additional validation of an international brain database. International Journal of Neuroscience, 117(4), 549-568. PMID: 17365135 doi: 10.1080/00207450600773665
FWCI 1.04; 91st percentile globally (Scopus)

310. Silverstein SM, Berten S, Paul RH, Cooper N, **Williams LM**, Gordon E (2007). Development and validation of a World-Wide-Web-based neurocognitive assessment battery: WebNeuro. Behavior Research Methods, 39(4), 940-949. PMID: 18183911 doi: 10.3758/bf03192989
FWCI 1.91; 96th percentile globally (Scopus)

311. **Williams LM** (2006). An integrative neuroscience model of "significance" processing. Journal of Integrative Neuroscience, 5(1), 1-47. PMID: 16544365 doi: 10.1142/s0219635206001082
FWCI 0.79; 91st percentile globally (Scopus)

312. **Williams LM**, Brown KJ, Palmer D, Liddell BJ, Kemp AH, Olivieri G, Peduto A, Gordon E (2006). The mellow years?: neural basis of improving emotional stability over age. Journal of Neuroscience, 26(24), 6422–6430. PMID: 16775129 PMCID: PMC6674038 doi: 10.1523/jneurosci.0022-06.2006
FWCI 2.79; 98th percentile globally (Scopus)

313. **Williams LM,** Das P, Liddell BJ, Kemp AH, Rennie CJ, Gordon E (2006). Mode of functional connectivity in amygdala pathways dissociates level of awareness for signals of fear. Journal of Neuroscience, 26(36), 9264-9271. PMID: 16957082 PMCID: PMC6674508 doi: 10.1523/jneurosci.1016-06.2006
FWCI 2.92; 97th percentile globally (Scopus)

314. **Williams LM**, Kemp AH, Felmingham K, Barton M, Olivieri G, Peduto AS, Gordon E, Bryant RA (2006). Trauma modulates amygdala and medial prefrontal responses to consciously attended fear.

NeuroImage, 29(2), 347-357. PMID: 16216534 doi: 10.1016/j.neuroimage.2005.03.047
FWCI 5.36; 99th percentile globally (Scopus)

315. **Williams LM**, Liddell BJ, Kemp AH, Bryant RA, Meares RA, Peduto AS, Gordon E (2006). Amygdala-prefrontal dissociation of subliminal and supraliminal fear. Human Brain Mapping, 27(8), 652-661. PMID: 16281289 PMCID: PMC6871444 doi: 10.1002/hbm.20208
FWCI 5.42; 97th percentile globally (Scopus)

316. **Williams LM**, Palmer D, Liddell BJ, Song L, Gordon E (2006). The 'when' and 'where' of perceiving signals of threat versus non-threat. NeuroImage, 31(1), 458-467. PMID: 16460966 doi: 10.1016/j.neuroimage.2005.12.009
FWCI 3.06; 98th percentile globally (Scopus)

317. **Williams LM**, Sidis A, Gordon E, Meares RA (2006). "Missing links" in borderline personality disorder: loss of neural synchrony relates to lack of emotion regulation and impulse control. Journal of Psychiatry and Neuroscience, 31(3), 181-188. PMID: 16699604 PMCID: PMC1449878
FWCI 0.71; 80th percentile globally (Scopus)

318. Breakspear M, Bullmore ET, Aquino K, Das P, **Williams LM** (2006). The multiscale character of evoked cortical activity. NeuroImage, 30(4), 1230-1242. PMID: 16403656 doi: 10.1016/j.neuroimage.2005.10.041

319. Cohen RA, Grieve SM, Hoth KF, Paul RH, Sweet L, Tate D, Gunstad J, Stroud L, McCaffrey J, Hitsman B, Niaura R, Clark CR, MacFarlane A, Bryant RA, Gordon E, **Williams LM** (2006). Early life stress and morphometry of the adult anterior cingulate cortex and caudate nuclei. Biological Psychiatry, 59(10), 975-982. PMID: 16616722 doi: 10.1016/j.biopsych.2005.12.016
FWCI 1.76; 99th percentile globally (Scopus)

320. Kemp AH, Hopkinson PJ, Stephan BCM, Clark CR, Gordon E, Bryant RA, **Williams LM** (2006). Predicting severity of non-clinical depression: preliminary findings using an integrated approach. Journal of Integrative Neuroscience, 5(1), 89-110. PMID: 16544368 doi: 10.1142/s0219635206001069

321. Marsh PJ, **Williams LM** (2006). ADHD and schizophrenia phenomenology: visual scanpaths to emotional faces as a potential psychophysiological marker? Neuroscience and Biobehavioural Reviews, 30(5), 651-665. PMID: 16466794 doi: 10.1016/j.neubiorev.2005.11.004
FWCI 0.46; 90th percentile globally (Scopus)

322. Sumich A, Harris A, Flynn G, Whitford T, Tunstall N, Kumari V, Brammer M, Gordon E, **Williams LM** (2006). Event-related potential correlates of depression, insight and negative symptoms in males with recent-onset psychosis. Clinical Neurophysiology, 17(8), 1715-1727. PMID: 16807100 doi: 10.1016/j.clinph.2006.04.017

323. Whitford TJ, Grieve SM, Farrow TFD, Gomes L, Brennan J, Harris AWF, Gordon E, **Williams LM** (2006). Progressive grey matter atrophy over the first 2-3 years of illness in first-episode schizophrenia: a tensor-based morphometry study. NeuroImage, 32(2), 511-519. PMID: 16677830 doi: 10.1016/j.neuroimage.2006.03.041
FWCI 3.22; 95th percentile globally (Scopus)

324. Harris AWF, Melkonian D, **Williams LM**, Gordon E (2006). Dynamic spectral analysis findings in first episode and chronic schizophrenia. International Journal of Neuroscience, 116(3), 223-246. PMID: 16484051 doi: 10.1080/00207450500402977
FWCI 0.34; 84th percentile globally (Scopus)

325. Stankov L, Danthiir V, **Williams LM**, Pallier G, Roberts RD, Gordon E (2006). Intelligence and the tuning-in of brain networks. Learning and Individual Differences, 16(3), 217-233. doi: 10.1016/j.lindif.2004.12.003

326. Alexander DM, Arns MW, Paul RH, Rowe DL, Cooper N, Esser AH, Fallahpour K, Stephan BCM, Heesen SE, Breteler R, **Williams LM**, Gordon E (2006). EEG markers for cognitive decline in elderly subjects with subjective memory complaints. Journal of Integrative Neuroscience, 5(1), 49-74. PMID: 16544366 doi: 10.1142/s0219635206001021
FWCI 0.95; 86th percentile globally (Scopus)

327. Brickman AM, Zimmerman ME, Paul RH, Grieve SM, Tate DF, Cohen RA, **Williams LM**, Clark CR, Gordon E (2006). Regional white matter and neuropsychological functioning across the adult lifespan. Biological Psychiatry, 60(5), 444-453. PMID: 16616725 doi: 10.1016/j.biopsych.2006.01.011
FWCI 1.76; 95th percentile globally (Scopus)

328. Clark CR, Paul RH, **Williams LM**, Arns M, Fallahpour K, Handmer C, Gordon E (2006). Standardized assessment of cognitive functioning during development and aging using an automated touchscreen battery. Archives of Clinical Neuropsychology, 21(5), 449-467. PMID: 16904862
doi: 10.1016/j.acn.2006.06.005
FWCI 3.66; 95th percentile globally (Scopus)

329. Gunstad J, Paul RH, Spitznagel MB, Cohen RA, **Williams LM**, Kohn M, Gordon E (2006). Exposure to early life trauma is associated with adult obesity. Psychiatry Research, 142(1), 31-37. PMID: 16713630
doi: 10.1016/j.psychres.2005.11.007
FWCI 1.16; 94th percentile globally (Scopus)

330. Gunstad J, Schofield P, Paul RH, Spitznagel MB, Cohen RA, **Williams LM**, Kohn M, Gordon E (2006) BDNF Val66Met polymorphism is associated with body mass index in healthy adults. Neuropsychobiology, 53(3), 153-156. PMID: 16707914 doi: 10.1159/000093341
FWCI 1.19; 92nd percentile globally (Scopus)

331. Hoth KF, Paul RH, **Williams LM**, Dobson-Stone C, Todd E, Schofield PR, Gunstad J, Cohen RA, Gordon E (2006). Associations between the COMT Val/Met polymorphism, early life stress, and personality among healthy adults. Neuropsychiatric Disease and Treatment, 2(2), 219–225.
PMID: 19412467 PMCID: PMC2671786
FWCI 0.09; 82nd percentile globally (Scopus)

332. Gordon E, **Williams LM** (2006). Gender differences, gamma phase synchrony and schizophrenia. Psychiatric Times, 18(3). https://www.psychiatrictimes.com/view/gender-differences-gamma-phase-synchrony-and-schizophrenia

333. Keage HAD, Clark CR, Hermens DF, Kohn MR, Clarke S, **Williams LM**, Crewther D, Lamb C, Gordon E (2006). Distractibility in AD/HD predominantly inattentive and combined subtypes: the P3a ERP component, heart rate and performance. Journal of Integrative Neuroscience, 5(1), 139-158.
PMID: 16544371 doi: 10.1142/s0219635206001070

334. Paul RH, Brickman AM, Cohen RA, **Williams LM**, Niaura R, Pogun S, Clark CR, Gunstad J, Gordon E (2006). Cognitive status of young and older cigarette smokers: data from the international brain database. Journal of Clinical Neuroscience, 13(4), 457-465. PMID: 16678725 doi: 10.1016/j.jocn.2005.04.012
FWCI 1.69; 89th percentile globally (Scopus)

335. Zimmerman ME, Brickman AM, Paul RH, Grieve SM, Tate DF, Gunstad J, Cohen RA, Aloia MS, **Williams LM**, Clark CR, Whitford TJ, Gordon E (2006). The relationship between frontal gray matter volume and cognition varies across the healthy adult lifespan. American Journal of Geriatric Psychiatry, 14(10), 823-833. PMID: 17001022 doi: 10.1097/01.jgp.0000238502.40963.ac
FWCI 4.39; 96th percentile globally (Scopus)

336. **Williams LM,** Das P, Liddell B, Olivieri G, Peduto A, Brammer MJ, Gordon E (2005). BOLD, sweat and fears: fMRI and skin conductance distinguish facial fear signals. NeuroReport, 16(1), 49-52.
PMID: 15618889 doi: 10.1097/00001756-200501190-00012
FWCI 1.39; 92nd percentile globally (Scopus)

337. **Williams LM**, Barton MJ, Kemp AH, Liddell BJ, Peduto AP, Gordon E, Bryant RA (2005). Distinct amygdala-autonomic arousal profiles in response to fear signals in healthy males and females. NeuroImage, 28(3), 618-626. PMID: 16081303 doi: 10.1016/j.neuroimage.2005.06.035
FWCI 1.99; 95th percentile globally (Scopus)

338. **Williams LM**, Grieve SM, Whitford TJ, Clark CR, Gur RC, Goldberg E, Flor-Henry P, Peduto AS, Gordon E (2005). Neural synchrony and gray matter variation in human males and females: integration of 40 Hz gamma synchrony and MRI measures. Journal of Integrative Neuroscience, 4(1), 77-93.
PMID: 16035142 doi: 10.1142/s0219635205000720

339. **Williams LM**, Simms E, Clark CR, Paul RH, Rowe D, Gordon E (2005). The test-retest reliability of a standardized neurocognitive and neurophysiological test battery: "Neuromarker". International Journal of Neuroscience, 115(12), 1605-1630. PMID: 16287629 doi: 10.1080/00207450590958475
FWCI 2.92; 98th percentile globally (Scopus)

340. Kang K, **Williams LM**, Hermens D, Gordon E (2005). Neurophysiological markers of contextual processing: the relationship between P3b and Gamma synchrony and their modulation by arousal, performance and individual differences. Cognitive Brain Research, 25(2), 472-485. PMID: 16154729 doi: 10.1016/j.cogbrainres.2005.07.008

341. Bryant RA, Felmingham KL, Kemp AH, Barton M, Peduto AS, Rennie C, Gordon E, **Williams LM** (2005). Neural networks of information processing in posttraumatic stress disorder: a functional magnetic resonance imaging study. Biological Psychiatry, 58(2), 111-118. PMID: 16038681 doi: 10.1016/j.biopsych.2005.03.021
FWCI 1.67; 97th percentile globally (Scopus)

342. Das P, Kemp AH, Liddell BJ, Brown KJ, Olivieri G, Peduto AS, Gordon E, **Williams LM** (2005). Pathways for fear perception: modulation of amygdala activity by thalamo-cortical systems. NeuroImage, 26(1), 141-148. PMID: 15862214 doi: 10.1016/j.neuroimage.2005.01.049
FWCI 3.07; 96th percentile globally (Scopus)

343. Gordon E, Cooper N, Rennie C, Hermens D, **Williams LM** (2005). Integrative neuroscience: the role of a standardized database. Clinical EEG & Neuroscience, 36(2), 64-75. PMID: 15999901 doi: 10.1177/155005940503600205
FWCI 5.80; 96th percentile globally (Scopus)

344. Hermens DF, Kohn MR, Clarke SD, Gordon E, **Williams LM** (2005). Sex differences in adolescent ADHD: findings from concurrent EEG and EDA. Clinical Neurophysiology, 116(6), 1455-1463. PMID: 15978508 doi: 10.1016/j.clinph.2005.02.012
FWCI 1.78; 91st percentile globally (Scopus)

345. Hermens DF, Soei EXC, Clarke SD, Kohn MR, Gordon E, **Williams LM** (2005). Resting EEG theta activity predicts cognitive performance in attention-deficit hyperactivity disorder. Pediatric Neurology, 32(4), 248-256. PMID: 15797181 doi: 10.1016/j.pediatrneurol.2004.11.009
FWCI 1.51; 93rd percentile globally (Scopus)

346. Kemp AH, Cooper NJ, Hermens G, Gordon E, Bryant RA, **Williams LM** (2005). Toward an integrated profile of emotional intelligence: introducing a brief measure. Journal of Integrative Neuroscience, 4(1), 41-61. PMID: 16035140 doi: 10.1142/s0219635205000677

347. Kemp AH, Stephan CM, Hopkinson P, Sumich AL, Paul RH, Clark RC, Gordon E, Bryant RA, **Williams LM** (2005). Toward an integrated profile of depression: evidence from the brain resource international database. Journal of Integrative Neuroscience, 4(1), 95-106. PMID: 16035143 doi: 10.1142/s0219635205000665

348. Liddell BJ, Brown KJ, Kemp AH, Barton MJ, Das P, Peduto AS, Gordon E, **Williams LM** (2005). A direct brainstem-amygdala-cortical 'alarm' system for subliminal signals of fear. NeuroImage, 24(1), 235-243. PMID: 15588615 doi: 10.1016/j.neuroimage.2004.08.016
FWCI 6.21; 99th percentile globally (Scopus).

349. Meares RA, Melkonian D, Gordon E, **Williams LM** (2005). Distinct pattern of P3a event-related potential in borderline personality disorder. NeuroReport, 16(3), 289-293. PMID: 15706238 doi: 10.1097/00001756-200502280-00018
FWCI 0.73; 82nd percentile globally (Scopus)

350. Rowe DL, Robinson PA, Lazzaro IL, Rennie CJ, Powles RC, Gordon E, **Williams LM** (2005). Biophysical modeling of tonic cortical electrical activity in attention deficit hyperactivity disorder. International Journal of Neuroscience, 115(9), 1273-1305. PMID: 16048806 doi: 10.1080/00207450590934499

351. Symond MP, Harris AWF, Gordon E, **Williams LM** (2005). "Gamma synchrony" in first-episode schizophrenia: a disorder of temporal connectivity? American Journal of Psychiatry, 162(3), 459-465. PMID: 15741462 doi: 10.1176/appi.ajp.162.3.459
FWCI 4.31; 96th percentile globally (Scopus)

352. Whitford TJ, Farrow TFD, Gomes L, Brennan B, Harris AWF, **Williams LM** (2005). Grey matter deficits and symptom profile in first episode schizophrenia. Psychiatry Research: Neuroimaging, 139(3), 229-238. PMID: 16055311 doi: 10.1016/j.pscychresns.2005.05.010
FWCI 2.33, 88th percentile globally (Scopus)

353. Farrow TFD, Whitford TJ, **Williams LM**, Gomes L, Harris AWF (2005). Diagnosis-related regional gray matter loss over two years in first episode schizophrenia and bipolar disorder. Biological Psychiatry, 58(9), 713-723. PMID: 15993858 doi: 10.1016/j.biopsych.2005.04.033
FWCI 2.47; 97th percentile globally (Scopus)

354. Grieve SM, Clark CR, **Williams LM**, Peduto AJ, Gordon E (2005). Preservation of limbic and paralimbic structures in aging. Human Brain Mapping, 25(4), 391-401. PMID: 15852381 PMCID: PMC6871717 doi: 10.1002/hbm.20115
FWCI 5.11; 98th percentile globally (Scopus)

355. Hermens DF, **Williams LM,** Clarke S, Kohn M, Cooper N, Gordon E (2005). Responses to methylphenidate in adolescent AD/HD: evidence from concurrently recorded autonomic (EDA) and central (EEG and ERP) measures. International Journal of Psychophysiology, 58(1), 21-33. PMID: 15936104 doi: 10.1016/j.ijpsycho.2005.03.006
FWCI 1.19; 86th percentile globally (Scopus)

356. Brickman AM, Paul RH, Cohen RA, **Williams LM**, MacGregor KL, Jefferson AL, Tate DF, Gunstad J, Gordon E (2005). Category and letter verbal fluency across the adult lifespan: relationship to EEG theta power. Archives of Clinical Neuropsychology, 20(5), 561-573. PMID:15939182 PMCID: PMC2758771 doi: 10.1016/j.acn.2004.12.006
FWCI 2.19; 96th percentile globally (Scopus)

357. Cooper NJ, Keage H, Hermens D, **Williams LM,** Debrota D, Clark CR, Gordon E (2005). The dose-dependent effect of methylphenidate on performance, cognition and psychophysiology. Journal of Integrative Neuroscience, 4(1), 123-144. PMID: 16035144 doi: 10.1142/s0219635205000744
FWCI 0.46; 83rd percentile globally (Scopus)

358. Hermens DF, Cooper N, Kohn M, Clarke S, Gordon E, **Williams LM** (2005). Predicting stimulant medication response in ADHD: evidence from an integrated profile of neuropsychological, psychophysiological and clinical factors. Journal of Integrative Neuroscience, 4(1), 107-121. PMID: 16041867 doi: 10.1142/s0219635205000653
FWCI 0.73; 83rd percentile globally (Scopus)

359. McFarlane A, Clark CR, Bryant RA, **Williams LM**, Niaura R, Paul RH, Hitsman BL, Stroud L, Alexander DM, Gordon E (2005). The impact of early life stress on psychophysiological, personality and behavioral measures in 740 non-clinical subjects. Journal of Integrative Neuroscience, 4(1), 27-40. PMID: 16035139 doi: 10.1142/s0219635205000689
FWCI 1.46; 95th percentile globally (Scopus)

360. Paul RH, Clark CR, Lawrence J, Goldberg E, **Williams LM**, Cooper N, Cohen RA, Brickman AM, Gordon E (2005). Age-dependent change in executive function and gamma 40 Hz phase synchrony. Journal of Integrative Neuroscience, 4(1), 63-76. PMID: 16035141 doi: 10.1142/s0219635205000690

361. Paul RH, Lawrence J, **Williams LM**, Richard CC, Cooper N, Gordon E (2005). Preliminary validity of "integneuro": a new computerized battery of neurocognitive tests. International Journal of Neuroscience, 115(11), 1549-1567. PMID: 16223701 doi: 10.1080/00207450590957890
FWCI 2.52; 97th percentile globally (Scopus)

362. **Williams LM**, Das P, Harris AWF, Liddell BJ, Brammer MJ, Olivieri G, Skerrett D, Phillips ML, David AS, Peduto A, Gordon E (2004). Dysregulation of arousal and amygdala-prefrontal systems in paranoid schizophrenia. American Journal of Psychiatry, 161(3), 480-489. PMID: 14992974 doi: 10.1176/appi.ajp.161.3.480
FWCI 6.02; 98th percentile globally (Scopus)

363. **Williams LM**, Liddell BJ, Rathjen J, Brown KJ, Gray J, Phillips M, Young A, Gordon E (2004). Mapping the time course of nonconscious and conscious perception of fear: an integration of central and peripheral measures. Human Brain Mapping, 21(2), 64-74. PMID: 14755594 PMCID: PMC6871876 doi: 10.1002/hbm.10154
FWCI 5.09; 97th percentile globally (Scopus)

364. **Williams LM**, Brown KJ, Das P, Boucsein B, Sokolov EN, Brammer MJ, Olivieri G, Peduto AS, Gordon E (2004). The dynamics of cortico-amygdala and autonomic activity over the experimental time course of fear perception. Cognitive Brain Research, 21(1), 114-123. PMID: 15325419 doi: 10.1016/j.cogbrainres.2004.06.005
FWCI 2.79; 89thpercentile globally (Scopus)

365. Breakspear M, Brammer MJ, Bullmore ET, Das P, **Williams LM** (2004). Spatiotemporal wavelet resampling for functional neuroimaging data. Human Brain Mapping, 23(1), 1-25. PMID: 15281138 PMCID: PMC6871944 doi: 10.1002/hbm.20045
FWCI 3.75; 91st percentile globally (Scopus)

366. Breakspear M, **Williams LM**, Stam CJ (2004) A novel method for the topographic analysis of neural activity reveals formation and dissolution of 'Dynamic Cell Assemblies'. Journal of Computational Neuroscience, 16(1), 49-68. PMID: 14707544 doi: 10.1023/b:jcns.0000004841.66897.7d
FWCI 2.09; 92nd percentile globally (Scopus)

367. Hermens D, **Williams LM**, Lazzaro I, Whitmont S, Melkonian D, Gordon E (2004). Sex differences in adult ADHD: a double dissociation in brain activity and autonomic arousal. Biological Psychology, 66(3), 221-233. PMID: 15099695 doi: 10.1016/j.biopsycho.2003.10.006
FWCI 1.20; 90th percentile globally (Scopus)

368. Horley K, **Williams LM**, Gonsalves C, Gordon E (2004). Face to face: visual scanpath evidence for abnormal processing of facial expressions in social phobia. Psychiatry Research, 127(1-2), 43-53. PMID: 15261704 doi: 10.1016/j.psychres.2004.02.016
FWCI 1.07; 98th percentile globally (Scopus)

369. Liddell BJ, **Williams LM**, Rathjen J, Shevrin H, Gordon E (2004). A temporal dissociation of subliminal versus supraliminal fear perception: an event-related potential study. Journal of Cognitive Neuroscience, 16(3), 479-486. PMID: 15072682 doi: 10.1162/089892904322926809
FWCI 1.75; 97th percentile globally (Scopus)

370. Loughland CM, **Williams LM**, Harris AWF (2004). Visual scanpath dysfunction in first-degree relatives of schizophrenia probands: evidence for a vulnerability marker? Schizophrenia Research, 67(1), 11-21. PMID: 14741320 doi: 10.1016/s0920-9964(03)00094-x
FWCI 1.52, 89th percentile globally (Scopus)

371. Marsh PJ, **Williams LM** (2004). An investigation of individual typologies of attention-deficit hyperactivity disorder using cluster analysis of DSM–IV criteria. Personality and Individual Differences, 36(5), 1187-1195. doi: 10.1016/S0191-8869(03)00210-1

372. Phillips ML, **Williams LM**, Heining M, Herba CM, Russell T, Andrew C, Bullmore ET, Brammer MJ, Williams SCR, Morgan M, Young AW, Gray JA (2004). Differential neural responses to overt and covert presentations of facial expressions of fear and disgust. NeuroImage, 21(4), 1484–1496. PMID: 15050573 doi: 10.1016/j.neuroimage.2003.12.013
FWCI 3.43; 98th percentile globally (Scopus)

373. Slewa-Younan S, Gordon E, Harris AW, Haig AR, Brown KJ, Flor-Henry P, **Williams LM** (2004). Sex differences in functional connectivity in first-episode and chronic schizophrenia patients. American Journal of Psychiatry, 161(9), 1595-1602. PMID: 15337649 doi: 10.1176/appi.ajp.161.9.1595
FWCI 1.31; 84th percentile globally (Scopus)

374. **Williams LM**, Bahramali H, Hemsley DR, Brown K, Harris AWF, Gordon, E (2003). Electrodermal responsivity distinguishes ERP activity and symptom profile in schizophrenia. Schizophrenia Research, 59(2-3), 115-125. PMID: 12414068 doi: 10.1016/s0920-9964(01)00368-1

375. **Williams LM**, Barry J (2003). Do sex differences in emotionality mediate sex differences in traits of psychosis-proneness? Cognition and Emotion, 17(5), 747-758. doi: 10.1080/02699930302284

376. **Williams LM**, Loughland CM, Green MJ, Harris AWF, Gordon E (2003). Emotion perception in schizophrenia: an eye movement study comparing the effectiveness of risperidone vs. haloperidol. Psychiatry Research, 120(1), 13-27. PMID: 14500110 doi: 10.1016/s0165-1781(03)00166-5
FWCI 0.57; 88th percentile globally (Scopus)

377. Breakspear M, Terry JR, Friston KJ, **Williams LM**, Brown KJ, Brennan J, Gordon E (2003). A disturbance of nonlinear interdependence in scalp EEG of subjects with first episode schizophrenia. NeuroImage, 20(1), 466-478. PMID: 14527607 doi: 10.1016/s1053-8119(03)00332-x
FWCI 1.39, 91st percentile globally (Scopus)

378. Green MJ, **Williams LM**, Davidson D (2003). In the face of danger: Specific viewing strategies for facial expressions of threat? Cognition and Emotion, 17(5), 779-786. doi: 10.1080/02699930302282
FWCI 0.81; 82nd percentile globally (Scopus)

379. Green MJ, **Williams LM**, Davidson D (2003). Visual scanpaths and facial affect recognition in delusion-prone individuals: Increased sensitivity to threat? Cognitive Neuropsychiatry, 8(1), 19-41.
PMID: 16571548 doi: 10.1080/713752236
FWCI 0.57; 81st percentile globally (Scopus)

380. Green MJ, **Williams LM**, Davidson D (2003). Visual scanpaths to threat-related faces in deluded schizophrenia. Psychiatry Research, 119(3), 271-285. PMID: 12914898 doi: 10.1016/s0165-1781(03)00129-x
FWCI 0.96; 93rd percentile globally (Scopus)

381. Horley K, **Williams LM**, Gonsalves C, Gordon E (2003). Social phobics do not see eye to eye: a visual scanpath study of emotional expression processing. Journal of Anxiety Disorders, 17(1), 33-44.
PMID: 12464287 doi: 10.1016/s0887-6185(02)00180-9
FWCI 2.32; 97th percentile globally (Scopus)

382. Lange K, **Williams LM**, Young AW, Bullmore ET, Brammer MJ, Williams SCR, Gray JA, Phillips ML (2003). Task instructions modulate neural responses to fearful facial expressions. Biological Psychiatry, 53(3), 226-232. PMID: 12559655 doi: 10.1016/s0006-3223(02)01455-5
FWCI 4.19; 96th percentile globally (Scopus)

383. Lee KH, **Williams LM**, Haig AR, Gordon E (2003). "Gamma (40 Hz) phase synchronicity" and symptom dimensions in schizophrenia. Cognitive Neuropsychiatry, 8(1), 57-71. PMID: 16571550
doi: 10.1080/713752240
FWCI 0.94; 93rd percentile globally (Scopus)

384. Lee KH, **Williams LM**, Breakspear M, Gordon E (2003). Synchronous gamma activity: a review and contribution to an integrative neuroscience model of schizophrenia. Brain Research Reviews, 41(1), 57-78. PMID: 12505648 doi: 10.1016/s0165-0173(02)00220-5
FWCI 4.78; 98th percentile globally (Scopus)

385. Lee KH, Harris AWF, Loughland CM, **Williams LM** (2003). The five symptom dimensions and depression in schizophrenia. Psychopathology, 36(5), 226-233. PMID: 14571051
doi: 10.1159/000073447

386. Brown K, Harris AWF, Gonsalvez C, **Williams LM**, Gordon E (2002). Target and non-target ERP disturbances in first episode vs. chronic schizophrenia. Clinical Neurophysiology, 113(11), 1754-1763. PMID: 12417228 doi: 10.1016/s1388-2457(02)00290-0
FWCI 1.09; 90th percentile globally (Scopus)

387. Loughland CM, **Williams LM**, Gordon E (2002). Schizophrenia and affective disorder show different visual scanning behavior for faces: a trait versus state-based distinction? Biological Psychiatry, 52(4), 338-348. PMID: 12208641 doi: 10.1016/s0006-3223(02)01356-2
FWCI 0.98; 94th percentile globally (Scopus)

388. Loughland CM, **Williams LM**, Gordon E (2002). Visual scanpaths to positive and negative facial emotions in an outpatient schizophrenia sample. Schizophrenia Research, 55(1-2), 159-170. PMID: 11955975 doi: 10.1016/s0920-9964(01)00186-4
FWCI 0.97; 96th percentile globally (Scopus)

389. **Williams LM**, Phillips ML, Brammer MJ, Skerrett D, Lagopoulos J, Rennie CJ, Bahramali H, Olivieri G, David AS, Peduto A, Gordon E (2001). Arousal dissociates amygdala and hippocampal fear responses: evidence from simultaneous fMRI and skin conductance recording. NeuroImage, 14(5), 1070-1079. PMID: 11697938 doi: 10.1006/nimg.2001.0904
FWCI 2.67; 98th percentile globally (Scopus)

390. **Williams LM**, Senior C, David AS, Loughland CM, Gordon E (2001). In search of the 'Duchenne Smile': evidence from eye movements. Journal of Psychophysiology, 15(2), 122-127. doi: 10.1027//0269-8803.15.2.122

391. Gordon E, **Williams LM**, Haig AR, Bahramali H, Wright JJ, Meares RA (2001). Symptom profile and 'gamma' processing in schizophrenia. Cognitive Neuropsychiatry, 6(1), 7-19. doi: 10.1080/13546800042000016
FWCI 1.14; 81st percentile globally (Scopus)

392. Green MJ, **Williams LM**, Davidson DJ (2001). Processing of threat-related affect is delayed in delusion-prone individuals. British Journal of Clinical Psychology, 40(2), 157-165. PMID: 11446237 doi: 10.1348/014466501163607
FWCI 2.31; 88th percentile globally (Scopus)

393. Harris AWF, Bahramali H, Slewa-Younan S, Gordon E, **Williams LM**, Li WM (2001). The topography of quantified electroencephalography in three syndromes of schizophrenia. International Journal of Neuroscience, 107(3-4), 265-278. PMID: 11328695 doi: 10.3109/00207450109150689

394. Horley K, Gonsalvez CJ, **Williams LM**, Lazzaro I, Bahramali H, Gordon E (2001). Event-related potentials to threat-related faces in schizophrenia. International Journal of Neuroscience, 107(1-2), 113-130. PMID: 11328686 doi: 10.3109/00207450109149761

395. Lee KH, Gordon E, **Williams LM**, Haig AR, Goldberg E (2001). An integration of 40 Hz Gamma and phasic arousal: novelty and routinization processing in schizophrenia. Clinical Neurophysiology, 112(8), 1499-1507. PMID: 11459690 doi: 10.1016/s1388-2457(01)00584-3
FWCI 1.12; 83rd percentile globally (Scopus)

396. Lee KH, **Williams LM**, Loughland CM, Davidson DJ, Gordon E (2001). Syndromes of schizophrenia and smooth-pursuit eye movement dysfunction. Psychiatry Research, 101(1), 11-21. PMID: 11223115 doi: 10.1016/s0165-1781(00)00242-0

397. Phillips ML, Medford N, **Williams LM**, Williams SCR, Bullmore ET, Gray JA, Brammer MJ (2001). Time courses of left and right amygdalar responses to fearful facial expressions. Human Brain Mapping, 12(4), 193-202. PMID: 11241871 PMCID: PMC6872005 doi: 10.1002/1097-0193(200104)12:4%3C193::aid-hbm1015%3E3.0.co;2-a
FWCI 7.22; 97th percentile globally (Scopus)

398. Slewa-Younan S, Gordon E, **Williams LM**, Haig AR, Goldberg E (2001). Sex differences, gamma activity and schizophrenia. International Journal of Neuroscience, 107(1-2), 131-144. PMID: 11328687 doi: 10.3109/00207450109149762

399. **Williams LM**, Brammer MJ, Skerrett D, Gordan E, Rennie CJ, Kozek K, Olivieri G, Peduto T (2000). The neural correlates of orienting: an integration of fMRI and skin conductance orienting. NeuroReport, 11(13), 3011-3015. PMID: 11006985 doi: 10.1097/00001756-200009110-00037
FWCI 0.95; 93rd percentile globally (Scopus)

400. **Williams LM**, Gordon E (2000). "Masked" span of apprehension performance in schizophrenic subgroups. Cognitive Neuropsychiatry, 5(1), 37-52. doi: 10.1080/135468000395817

401. **Williams LM**, Gordon E, Bahramali H, Wright JJ, Meares RA (2000). Late component ERPs are associated with distinct schizophrenia syndromes. International Journal of Neuroscience, 105(1-4), 37-52. PMID: 11069045 doi: 10.3109/00207450009003264

402. Brown K, Gordon E, **Williams LM**, Bahramali H, Harris AWF, Gray JA, Gonsalvez CJ, Meares RA (2000). Misattribution of sensory input reflected in dysfunctional target: non-target ERPs in schizophrenia. Psychological Medicine, 30(6), 1443-1449. PMID: 11097084 doi: 10.1017/s0033291799002858

403. Green MJ, **Williams LM**, Hemsley DR (2000). Cognitive theories of delusion formation: the contribution of visual scanpath research. Cognitive Neuropsychiatry, 5(1), 62-74. doi: 10.1080/135468000395835

404. **Williams LM**, Loughland CM, Gordon E, Davidson DJ (1999). Visual scanpaths in schizophrenia: is there a deficit in face recognition? Schizophrenia Research, 40(3), 189-199. PMID: 10638857 doi: 10.1016/s0920-9964(99)00056-0
FWCI 1.39; 95th percentile globally (Scopus)

405. Phillips ML, **Williams LM**, Senior C, Bullmore ET, Brammer M, Andrew C, Williams SCR, David AS (1999). A differential neural response to threatening and non-threatening negative facial expressions in paranoid and non-paranoid schizophrenia. Psychiatry Research: Neuroimaging, 92(1), 11-31. PMID: 10688157 doi: 10.1016/s0925-4927(99)00031-1
FWCI 4.34; 98th percentile globally (Scopus)

Co-PI during sabbatical at Institute of Psychiatry, London.

406. Green MJ, **Williams LM** (1999). Schizotypy and creativity as effects of reduced cognitive inhibition. Personality and Individual Differences, 27(2), 263-276. doi: 10.1016/S0191-8869(98)00238-4

407. Harris AWF, **Williams LM**, Gordon E, Bahramali H, Slewa-Younan S (1999). Different psychopathological models and quantified EEG in schizophrenia. Psychological Medicine, 29(5), 1175-1181. PMID: 10576309 doi: 10.1017/s0033291799008855

408. Manor BR, Gordon E, **Williams LM**, Rennie CJ, Bahramali H, Latimer CR, Barry RJ, Meares RA (1999). Eye movements reflect impaired face processing in patients with schizophrenia. Biological Psychiatry, 46(7), 963-969. PMID: 10509179 doi: 10.1016/s0006-3223(99)00038-4
FWCI 1.00; 92nd percentile globally (Scopus)

409. Kilpatrick KL, **Williams LM*** (1998). Potential mediators of post-traumatic stress disorder in child witnesses to domestic violence. Child Abuse and Neglect, 22(4), 319-330. PMID: 9589182 doi: 10.1016/s0145-2134(97)00178-6
FWCI 1.92; 92nd percentile globally (Scopus)

410. Kilpatrick KL, **Williams LM** (1997). Post-traumatic stress disorder in child witnesses to domestic violence. American Journal of Orthopsychiatry, 67(4), 639-644. PMID: 9361870 doi: 10.1037/h0080261
FWCI 2.90; 93rd percentile globally (Scopus)

411. Loughland CM, **Williams LM** (1997). A cluster analytic study of schizotypal trait dimensions. Personality and Individual Differences, 23(5), 877-883. doi: 10.1016/S0191-8869(97)00086-X

412. **Williams LM** (1996). Cognitive inhibition and schizophrenic symptom subgroups. Schizophrenia Bulletin, 22(1), 139-151. PMID: 8685656 doi: 10.1093/schbul/22.1.139
FWCI 1.74; 93rd percentile globally (Scopus)

413. **Williams LM** (1995). Belief in the paranormal: its relationship with schizotypy and cognitive style. Australian Parapsychological Review, 20, 8-10.

414. **Williams LM** (1995). Further evidence for a multidimensional personality disposition to schizophrenia in terms of cognitive inhibition. British Journal of Clinical Psychology, 34(2), 193-213. PMID: 7647711 doi: 10.1111/j.2044-8260.1995.tb01454.x

415. **Williams LM** (1994). The multidimensional nature of schizotypal traits: a cluster analytic study. Personality and Individual Differences, 16(1), 103-112. doi: 10.1016/0191-8869(94)90114-7

416. **Williams LM** (1993). Paranormal belief and its relationship to schizotypy. Australian Parapsychological Review, 18, 18-20.

417. **Williams LM** (1992). Are believers in the paranormal prone to schizophrenia? Australian Parapsychological Review, 16, 3-5.

418. **Williams LM**, Irwin HJ (1991). A study of paranormal belief, magical ideation as an index of schizotypy and cognitive style. Personality and Individual Differences, 12(12), 1339-1348. doi: 10.1016/0191-8869(91)90210-3

Preprints

1. Zheng H, Savitz J, Haroon E, Ahern J, Loughnan R, Nabber F, Xu B, Forthman K, Aupperle R, **Williams L**, Paulus M, Fan CC, Thompson W (2025). Polygenic score for C-reactive protein is associated with accelerated cortical thinning and increased psychopathology in adolescents: a population-based longitudinal cohort study. Res Sq [Preprint]. 2025 Jun 30:rs.3.rs-6823364. PMID: 40630521; PMCID: PMC12236913. doi: 10.21203/rs.3.rs-6823364/v1
2. Tozzi L et al. (2025). Brain morphology mediators of the link between childhood trauma and bipolar disorder: a large-scale international analysis. medRxiv [Preprint]. 2025 Nov 4:2025.11.02.25339336. PMID: 41282728; PMCID: PMC12637774. doi: 10.1101/2025.11.02.25339336
3. Monson ET et al. (2025). Defining and Assessing International Classification of Disease Suicidality Phenotypes for Genetic Studies. medRxiv [Preprint]. doi: 10.1101/2024.07.27.24311110. Update in: Psychiatry Res. 2025 Oct 2; 353:116760. PMID: 39132474; PMCID: PMC11312669. doi: 10.1016/j.psychres.2025.116760

Other: Invited Reviews, Reports, Editorials, and Peer-reviewed Commentaries (26 published)

1. **Williams LM**, Foland-Ross LC, Wintermark M (2026). The Precision Mental Health Commission: transforming mental health through brain circuit science. Nat. Mental Health (2026). doi: 10.1038/s44220-026-00649-x
2. **Williams LM** (2025). Targeting a specific molecular mechanism alleviates the cognitive biotype of depression. Nat. Mental Health. 2025;3: 1302–1303 (Research Briefing). doi: 10.1038/s44220-025-00539-8
3. Yu JJ, **Williams LM**, Tanabe J, Schmitt JE, Dagher R (2025). From Scanner to Bedside: Building Bridges in Translational Psychiatric Neuroimaging. Am J Psychiatry. 182(8):793. PMID: 40746054 doi: 10.1176/appi.ajp.20240974
4. **Williams LM** (2024). Decoding depression: Integrating brain connectivity and symptom patterns to uncover major depressive disorder subtypes. Biol Psychiatry, 96(6):415-416. PMID: 39168540 doi: 10.1016/j.biopsych.2024.07.002
5. **Williams LM**, Whitfield Gabrieli S (2024). Neuroimaging for precision medicine in psychiatry. Neuropsychopharmacology, 50:246–257 PMID: 39039140; PMCID: PMC11525658 doi: 10.1038/s41386-024-01917-z
   FWCI 1.79; 94th percentile globally (Scopus)
6. **Williams LM** (2024). Precision Medicine in Psychiatry. Psychiatric Annals, 54(4):e101-e102. doi: 10.3928/00485713-20240321-20
7. **Williams LM** (2022). Special Report: Precision Psychiatry - Are We Getting Closer? Psychiatric News, 57(9), 17-21. doi: 10.1176/appi.pn.2022.09.9.23
8. Lewis DA, **Williams LM**, Satterthwaite T (2021). Society of Biological Psychiatry's 2021 Meeting: A once-in-a-lifetime event! Biological Psychiatry, 89(9S), A11, PMID: 33931167 doi: 10.1016/j.biopsych.2021.03.003
9. Pfeffer J, **Williams LM** (2020). Mental health in the workplace: the coming revolution. McKinsey & Company Quarterly, December 8. https://www.mckinsey.com/industries/healthcare-systems-and-services/our-insights/mental-health-in-the-workplace-the-coming-revolution
10. Ressler KJ, **Williams LM** (2020). Big data in psychiatry: multiomics, neuroimaging, computational modeling, and digital phenotyping. Neuropsychopharmacology, 46(1), 1-2. PMID: 32919403; PMCID: PMC7689454 doi: 10.1038/s41386-020-00862-x
    FWCI 8.42; 86th percentile globally (Scopus)
11. **Williams LM**, Hack LM (2020). A precision medicine–based, 'fast-fail' approach for psychiatry. Nature Medicine, 26(5), 653-654. PMID: 32405056 doi: 10.1038/s41591-020-0854-z

12. **Williams LM** (2020). Transforming Psychiatry Through Novel Neuroscience: Computational and Developmental Frameworks Guided by Research Domain Criteria. Biological Psychiatry, 87(4), 314-315 (editorial). PMID: 32040419 doi: 10.1016/j.biopsych.2019.12.006

13. O'Connell C*, Goldstein-Piekarski AN*, Nemeroff C, Schatzberg A, DeBattista C, Carillo-Roa T, Binder E, Dunlop B, Mayberg H, **Williams LM** (2018). More Research Needed on the Association Between Genotype and Antidepressant Response: Response to Fabbri et al [175(6):575-576]. American Journal of Psychiatry, 175(6), 576-577. PMID: 29869545 doi: 10.1176/appi.ajp.2018.18010070r

14. Humphreys KN, **Williams LM** (2018). What can treatment research offer general practice? The Lancet Psychiatry, 5(4), 295-297. PMID: 29248404 doi: 10.1016/S2215-0366(17)30512-6

15. **Williams LM** (2017). Amygdala-guided neurofeedback for major depression. American Journal of Psychiatry, 174(8), 717-718 (editorial). PMID: 28760026 doi: 10.1176/appi.ajp.2017.17050561

16. **Williams LM** (2017). Getting personalized: Brain scan biomarkers for guiding depression interventions. American Journal of Psychiatry, 174(6), 503-505 (editorial). PMID: 28565957 doi: 10.1176/appi.ajp.2017.17030314

17. Perry L, Goldstein-Piekarski AN, **Williams LM** (2017). Sex differences modulating serotonergic polymorphisms implicated in the mechanistic pathways of risk for depression and related disorders. Journal of Neuroscience Research, 95(1-2), 737-762 (review). PMID: 27870440 PMCID: PMC5119468 doi: 10.1002/jnr.23877

18. Day CVA, **Williams LM** (2012). Finding a biosignature for melancholic depression. Expert Review of Neurotherapeutics, 12(7), 835-847 (review). PMID: 22853791 doi: 10.1586/ern.12.72

19. Koslow S, **Williams LM**, Gordon E (2010). Personalized medicine for the Brain: a Call for Action. Molecular Psychiatry, 15(3), 229-230 (commentary). PMID: 20065956 doi: 10.1038/mp.2009.147

20. **Williams LM**, Nagy MT, Docherty J, Gordon E (2010). Emotion, Thinking, and Brain Synchrony in Schizophrenia: An Integrative Model. Mind & Brain, the Journal of Psychiatry, 1(1), 87-99 (review).

21. **Williams LM,** Tsang TW, Clarke S, Kohn M (2010). An 'Integrative Neuroscience' Perspective on ADHD: Linking Cognition, Emotion, Brain and Genetic Measures with Implications for Clinical Support. Expert Review of Neurotherapeutics, 10(10), 1607–1621 (review). PMID: 20925475 doi: 10.1586/ern.10.140

22. **Williams LM** (2008). Voxel-Based Morphometry in Schizophrenia: Implications for Neurodevelopmental Connectivity Models, Cognition and Affect. Expert Review of Neurotherapeutics, 8(7), 1049-1065 (review). PMID: 18590476 doi: 10.1586/14737175.8.7.1049
FWCI 1.65; 88th percentile globally (Scopus)

23. **Williams LM**, Gordon E (2007). Dynamic Organization of the Emotional Brain: Responsivity, Stability, and Instability. Neuroscientist, 13(4), 349-70 (review). PMID: 17644766 doi: 10.1177/1073858407013004080l
FWCI 1.43; 88th percentile globally (Scopus)

24. Hermens DF, Rowe DL, Gordon E, **Williams LM** (2006). Integrative Neuroscience Approach to Predict ADHD Stimulant Response. Expert Review of Neurotherapeutics, 6(5), 753–763 (review). PMID: 16734523 doi: 10.1586/14737175.6.5.753
FWCI 0.56; 80th percentile globally (Scopus)

25. International Human Genome Sequencing Consortium. Finishing the euchromatic sequence of the human genome. Nature. 2004 Oct 21;431(7011):931-45. PMID: 15496913 doi: 10.1038/nature03001.

26. **Williams LM**, Lee K-H, Haig A, Gordon E (2003). High-frequency Synchronization in Schizophrenia: Too Much or Too Little? Behavioral and Brain Sciences, 26(1), 109-110 (commentary). doi: 10.1017/S0140525X03480023

Books

Williams LM, Hack LM (eds) (2021). "Precision Psychiatry: Using Neuroscience Insights to Inform Personally Tailored, Measurement-Based Care". American Psychiatric Association. ISBN 978-1-61537-158-7

Book chapters (15 published)

1. Hack LM, Zandvakili A, **Williams LM** (2024). Stratified precision medicine for transcranial magnetic stimulation treatment of major depressive disorder. In the Oxford Handbook of Transcranial Stimulation (2nd Edition) (Chapter 39, pp.1029-1040). Eds: Wassermann EM, Peterchev AV, Zuemann U, Lisanby SH, Siebner HR, Walsh V. Oxford University Press. doi: 10.1093/oxfordhb/9780198832256.013.42
2. Hack LM, **Williams LM** (2021). Precision Mental Health: Focus on Depression. In Convergence Mental Health: A Transdisciplinary Approach to Innovation (Chapter 12, pp.165-180). Eds: Eyre HA, Berk M, Lavretsky H, Reynolds C. Oxford University Press. ISBN-13: 9780197506271. doi: 10.1093/med/9780197506271.003.0012
3. **Williams LM**, Goldstein-Piekarski AN (2020). Applying a Neural Circuit Taxonomy in Depression and Anxiety for Personalized Psychiatry. In Personalized Psychiatry, (Chapter 42, pp.499-519). Ed: Baune BT. Elsevier. ISBN: 978-0-12-813176-3 (Copyright date: Oct 31, 2019). doi: 10.1016/B978-0-12-813176-3.00042-0
4. **Williams LM**, Ball TM, Kircos C (2019). Precision Psychiatry (Chapter 28). In American Psychiatric Association Publishing Textbook of Psychiatry (7th Edition). Ed: Roberts LW. American Psychiatric Association Publishing. ISBN 10: 1615371508; ISBN 13: 9781615371501 doi: 10.1176/appi.books.9781615372980.lr28
5. Goldstein-Piekarski AN, **Williams LM** (2019). A neural circuit-based model for depression anchored in a synthesis of insights from functional neuroimaging. In Neurobiology of Depression: Road to Novel Therapeutics (Chapter 21, pp.241-256). Eds: Quevedo J, Carvalho AF, Zarate CA. Academic Press. doi: 10.1016/B978-0-12-813333-0.00021-4
6. **Williams LM** (2019). Applying a Neural Circuit Taxonomy in Depression and Anxiety for Personalized Psychiatry. In Precision Psychiatry. Elsevier. ISBN: 978-0-12-813176-3
7. Padula C, Vanden Bussche AB, **Williams LM** (2018). Mood Disorders. In Military and Veteran Mental Health, A Comprehensive Guide (pp.199-223). Eds: Roberts LW, Warner CH. Springer, New York, NY. doi: 10.1007/978-1-4939-7438-2_14.
8. **Williams LM**, Gott C (2013). What dimensions of heterogeneity are relevant for treatment outcome? (Chapter 4). In Schizophrenia: Evolution and Synthesis. Eds: Silverstein SM, Moghaddam B, Wykes T. Strüngmann Forum Reports, vol. 13. Cambridge: The MIT Press. PMID: 33886227 Bookshelf ID: NBK569657 doi:10.7551/mitpress/9780262019620.003.0004
9. Palmer D, **Williams L**M (2013). The Normal Development of the Adolescent Brain. In A Clinical Handbook in Adolescent Medicine: A Guide for Health Professionals Who Work with Adolescents and Young Adults, (pp.15-25). Eds: Steinbeck K, Kohn M. Singapore: World Scientific Publishing. doi: 10.1142/9789814374040_0002
10. **Williams LM**, Gordon E (2010). Personalized Medicine and Integrative Neuroscience: Toward Consensus Markers for Disorders of Brain Health (Chapter 3). In Integrative Neuroscience and Personalized Medicine. Eds: Gordon E, Koslow SH. Oxford University Press. doi:10.1093/acprof:oso/9780195393804.003.0003
11. Kohn M, Clark S, **Williams LM** (2010). Personalized Integrative Markers for Attention Deficit/HyperActivity Disorder in Children and Adolescents (Chapter 7). In Integrative Neuroscience and Personalized Medicine. Eds: Gordon E, Koslow SH. Oxford University Press. doi:10.1093/acprof:oso/9780195393804.003.0007

12. **Williams LM** (2003). Nonconscious perception: the contribution of neuroimaging. In The Self in Conversation: Volume Two (pp.154-163). Eds: Meares R, Nolan P. Australia: Watermark Press. ISBN 0958140316

13. Beech A, **Williams LM** (1997). Investigating cognitive processes in schizotypal personality and schizophrenia. In Cognitive science perspectives on personality and emotion (Chapter 11, pp. 475-502). Ed: Matthews G. London, Elsevier Science. Advances in Psychology book series, Vol. 124. doi: 10.1016/S0166-4115(97)80128-8

14. Claridge G, Mason O, **Williams LM** (1997). Questionnaire measurement. In Schizotypy: Implications for Illness and Health (Chapter 2, pp.19-37). Ed. Claridge G. Oxford University Press. doi: 10.1093/med:psych/9780198523536.003.0002

15. **Williams LM**, Beech A (1997). Investigations of cognitive inhibitory processes in schizotypy and schizophrenia. In Schizotypy: Implications for Illness and Health (Chapter 4, pp.63-79). Ed. Claridge G. Oxford University Press. doi: 10.1093/med:psych/9780198523536.003.0004

INVITED PRESENTATIONS

Chronological order

During training

1992 College Seminar series. Oxford University, Magdalen College, 'Early Visual Processing in Schizophrenia and Schizotypy', January 16.

1998 Institute Seminar series: Institute of Psychiatry, London seminar, 'Face Processing in Schizophrenia: An Eye Movement Study', July 27.

1999 New England Branch of Australasian Psychological Society presentation, Armidale. 'Why do schizophrenics misinterpret a smile: An eye movement study', July 14.

International and National Keynote presentations

2000 Keynote: Schizophrenia Fellowship of NSW "Real Change or Just Rhetoric? Turning Knowledge into Practice" Symposium. 'The What, Where and When of Emotion Processing in Schizophrenia'. Masonic Centre, Sydney, May 26.

2002 Platform Presentation. Australasian Society for Neuropsychology conference, "The Emotional Brain", May 28.

2002 Keynote: Australian and NZ Association of Psychotherapy 11th Annual conference, 'The Emotional Brain; Neuroimaging and Unconscious Perception'. Sydney, August 8.

2005 Keynote: Australian and New Zealand Association of Psychotherapy Annual Conference, "The Emotional Brain: Nonconscious Perception and Trauma". Sydney, September 4.

2006 Keynote: Dalai Lama Mind & Its Potential Conference, "An 'Integrative Neuroscience of Brain, Mind and Consciousness". Sydney, September 2.

2006 Keynote: Australian Association for Cognitive Behavior Therapy National Conference, "The Emotional Brain: Evidence from Cognitive Neuroscience and Implications for Therapy". Sydney, October 18.

2008 Presidential Address: An Integrative Framework for Emotional Brain Organization: The Continuum of Wellness and Illness. American Psychosomatic Society, March 8.

2009 Keynote: International Society for Affective Disorders Conference, "Pathways of Risk for Depression: BDNFVal66Met, Stress and Emotional Brain Systems." February 28.

2009 Panel Presentation. Dalai Lama, Mind & Its Potential Conference, 'Can we Teach Ourselves to Regulate Emotions?'. Sydney, December 3.

2010 Platform Presentation. Biological Psychiatry Australasia, inaugural meeting, "Psychiatry and the Emotional Brain". Melbourne, September 6.

2016 Opening Plenary Presentation. "Childhood Trauma and its Impact on Emotional Brain Circuits, Mood Disorder and Treatment Outcomes" at the inaugural conference of the Missouri Institute of Mental Health conference on Traumatic Stress: New Mechanisms and Treatment. Clayton Plaza Hotel, St Louis, Missouri, March 9.

2016 Keynote: "Precision Psychiatry: Toward a Neural Circuit Taxonomy for Mood and Emotion Regulation Circuit Disorders". International Society for Bipolar disorders, Washington DC, May 5.

2016 Plenary Presentation. Society of Biological Psychiatry, "Precision Psychiatry", Atlanta, May 14.

2019 World Economic Forum Annual Meeting, "The future of Precision Psychiatry", Davos, Switzerland, January 22.

2020 Panel presentation: Johnson & Johnson Innovation | JLABS @ Washington, DC virtual educational panel "Real Insights: How Real-World Evidence Can Support Mental Health Innovation", October 6.

2020 Keynote: "Precision Mental Health: Byotyping for Mood Disorders". Inscopix DECODE2020 Summit - The State of Mental Health: From Bench to Bedside to Society, November 9.

2021 Panel presentation: “Precision psychiatry for depression and anxiety: Using biotypes to personalize treatment selection” at the First Annual Conference on Precision Psychiatry “The Promise of Precision Prediction, Prevention, and Treatment in Mental Health” organized by MGH Center for Precision Psychiatry, virtual, September 30.

2021 Panel presentation: “Precision Psychiatry: Translating advanced brain imaging and technology insights into the treatment and care of mood disorders” at the Janssen R&D and Johnson & Johnson Innovation conference “Breakthroughs in Treatments of Mood Disorders”, virtual, October 6.

2022 Invited Opening Panelist - Fireside chat, visions of the future of mental health. Wellcome Mental Health Frontiers Meeting: Navigating new pathways to intervening early in anxiety, depression and psychosis, virtual, January 25-27.

2022 Invited panel presentation on precision mental health at the Stanford and Tony Blair Institute Mental Healthcare Innovations Summit, Stanford School of Medicine, October 6.

2023 National Academies of Sciences, Engineering and Medicine Forum on Neuroscience and Nervous System Disorders public workshop “Multimodal Biomarkers for Central Nervous System Disorders: Development, Integration, and Clinical Utility”, invited panel presentation in Session 2: Precision Medicine Opportunities, Challenges, and Lessons Learned in Multimodal Biomarkers for CNS Disorders, titled “Precision Psychiatry: Biomarkers for major depression”, March 14.

2023 Frontiers of Science Lecture at the 2023 Annual Meeting of the American Psychiatric Association Precision Psychiatry, “Using Neuroscience Insights to Inform Personally Tailored, Measurement-Based Care”, San Francisco, May 23.

2023 Peter Goodenough Memorial Lecture at the Queensland Brain Institute, “New visions for mental health care: Using neuroscience to personalize treatments”, The University of Queensland, St. Lucia, Australia, September 6.

2023 Montana Psychiatry Conference, lectures on “Vision and Progress in Precision Psychiatry” and “Precision Therapeutics: From Circuit Biotypes to Personalized Interventions”, Chico Hot Spring Resort, November 11.

2024 Les conferences de la Fondation FondaMental, “Towards precision psychiatry!”; presentation titled ‘What is precision psychiatry?’, prerecorded webinar, January 10.

2024 53rd Annual meeting of the International Neuropsychological Society, invited symposium with David Van Essen and Deanna Barch, “The Human Connectome Project: What have we learned and what lies ahead?”; presentation titled ‘Connectomes Related to Human Disease (CRHD): Depression and Anxiety’, New York, NY, February 15.

2024 Global Neuropsychiatry Group of the International Neuropsychiatric Association webinar series, presentation titled ‘New visions for mental healthcare: Using neuroscience to personalize treatments’, March 28

2024 Alan Hu Foundation webinar, “Precision Treatments for Depression: Are We Getting Closer?”, April 9

2024 Amygdala, Stress, and PTSD Conference, presentation titled “Precision mental health: Using amygdala circuit measures to diagnose subtypes and inform treatment”, prerecorded, and Q&A panel, virtual, April 23

2024 American Society of Neuroradiology (ASNR) annual meeting, presentation titled “Decoding Depression: Exploring Neural Circuit Biotypes”, Las Vegas, NV, May 18

2025 Les conferences de la Fondation FondaMental, “Biomarkers in Psychiatry: Why, How, and What?”; presentation titled ‘Biomarkers of brain circuits’, prerecorded webinar, October 15.

2026 American Psychiatric Association (APA) Initiative: Mental Health Innovation Zone, Panel “Advances in Precision Mental Health: From Data to Diagnosis & Treatment”. Moderator: Yiqi Anabelle Lin, MD. Other speakers: Carl Marci, MD; Kazutaka Okuda, MD; Justin Baker, MD, PhD. San Francisco, CA, May 18.

2026 American Psychiatric Association (APA) annual meeting. Plenary "Integrating Neurobiology and Psychiatric Nosology – DSM in the Next Era". Chair: Jonathan E Alpert, MD, PhD. Other presenters: Kenneth Wengler; Anand Kumar, MD; Tory Eisenlohr-Moul, PhD. San Francisco, CA, May 19.

2026 Clinical Transcranial Magnetic Stimulation Society annual meeting. Plenary presentation, "From Circuits to Care: Identifying Who Benefits from TMS in Precision Psychiatry". Boston, MA, June 5.

Grand Rounds and Invited Colloquia and Panel presentations

1998 Institute seminar series: Maudsley Hospital, London. 'What's in a Smile?: Visual Scanpaths and Facial Affect in Schizophrenia', Institute of Psychiatry, London, UK (during sabbatical at the Institute of Psychiatry), October 28.

2005 California Institute of Technology (Caltech), USA. 'Towards an Integrative Neuroscience of Fear Perception'. June 7.

2006 Institute seminar series. Wellcome Institute of Cognitive Neurology, 'Emotional Brain' Systems: Exploring the Role of Genetics, Constitutional Factors and Awareness. London, UK, June 15.

2006 University "Jo Wales" seminar series. "The 'emotional brain' Its role in the subconscious, wellbeing and the impact of trauma". James Cook University, Queensland, March 31.

2007 Westmead Hospital Psychiatry Grand Rounds. "Markers of schizophrenia relevant to the real world", Sydney, April 12.

2009 Columbia University. Psychiatry, special seminar. "Using an 'Integrative Neuroscience' to link brain with cognition and clinical outcomes in psychiatry", November 11.

2010 University of Western Sydney medical school seminar series. "An integrative framework: The emotional brain in wellness and illness", May 21.

2009 Prince of Wales Medical Research Institute seminar series. "Identifying Integrative Markers of psychiatric disorder and treatment", June 12.

2010 Stanford University. Psychiatry and Behavioral Sciences. An 'Integrative Neuroscience for Psychiatry". Palo Alto, California, October 6.

2012 Columbia University Cognitive Neuroscience seminar series. "Integrating cognitive neuroscience with treatment prediction designs: First outcomes from iSPOT-D". New York, June 26.

2013 National Center for PTSD, VA Menlo Park (hosted by Joe Ruzek, PhD) . "Applied Personalized Neuroscience: Focusing on the Emotional Brain", September 11.

2014 Stanford/VA Geriatric Psychiatry and Neuroscience (GPN) Grand Rounds. "A translational neuroscience model for affective disorders across the lifespan", October 20.

2015 Vanderbilt University. 2014-15 Psychology Colloquium Series. Presented on "A translational neuroscience model: implications for diagnosis and treatment". April 1-2.

2015 Berkeley University. 2015 Clinical Science Colloquium Series. Presented on " Personalized Neuroscience: Developing a brain-based taxonomy for mental disorder", November 17.

2017 University of Minnesota. Department of Psychiatry Grand Rounds. "Precision Psychiatry: Using human neuroscience insights to guide clinical decisions", May 3.

2017 Laureate Institute for Brain Research, Tulsa. William K. Warren Frontiers in Neuroscience conference series keynote. "Neuroscience Informed Precision Psychiatry", August 7.

2018 NIH Science of Behavior Change Steering Committee and External Scientific Panel Meeting. "Engaging Self-Regulation Targets to Understand the Mechanisms of Behavior Change and Improve Mood and Weight Outcomes". January 10, NIH Bethesda, DC.

2018 University of Miami. Department of Psychiatry Grand Rounds. “Neuroscience-informed Precision Psychiatry”. January 17.

2018 University of California San Francisco. Department of Psychiatry Grand Rounds. “Neuroscience-informed Precision Psychiatry for Mood Disorders”, May 18, San Francisco.

2018 Invited (by NIH) panel presentation at the 4th Annual BRAIN Initiative Investigators Meeting. “Quantifying targets for non-invasive network modulation”. April 10, 2018. Bethesda, DC.

2018 Invited to present in the NIMH Director’s research-track symposium at the American Psychiatric Association (APA) conference: “Big Data in Mental Health”. Michele Ferrante (Chair). Presentation title: Big Data in Mental Health: Identifying types of depression and anxiety. Symposium co-presenters: Bing Brunton, Justin Taylor, Raquel E. Gur, Alik Widge. May 9, New York City.

2018 Invited presentation in the American Society of Neuroradiology (ASNR) 56th Annual Meeting and The Foundation of the ASNR Symposium: “Value of Neuroimaging for Psychiatric Disorders”. Presentation title: Psychiatric Disorders: The Human Disconnectome? June 4, Vancouver, Canada.

2019 Fortune Brainstorm Healthy Conference, “Where Mental Health Meets Technology”. April 3, San Diego, CA.

2019 Stanford Psychiatry and Behavioral Sciences, “Neuroscience and Computation Informed Precision Psychiatry”, Co-presenters John Leikauf and Daniel Rubin. June 20, Stanford CA.

2020 Stony Brook University, Center for Affective Neuroscience of Depression and Anxiety (CANDA), “Neuroscience-informed precision psychiatry for depression and anxiety”. November 5, virtual presentation and meetings with students and faculty.

2020 Neurocognitive Therapies and Translational Research (NTTR) Webinar Series organized by NTTR Special Interest Group at the Association for Behavioral and Cognitive Therapies (ABCT) in partnership with the University of Pittsburgh Medical Center. Presentation: “Neuroscience-Informed Precision Psychiatry”, December 15, virtual.

2021 NIH Science of Behavior Change (SOBC) Capstone Research Conference Webinar “Ten Years of the Science of Behavior Change Common Fund Program: Celebrating Accomplishments and Looking to the Future”, Panel 3: Early Clinical Investigation of Mechanisms of Behavior Change. Presentation “Behavioural intervention modifies neural circuit function to mediate depression and problem-solving outcomes”, February 22, virtual.

2021 Stanford Medicine Grand Rounds: “Are we prepared for the long-term clinical consequences of the COVID pandemic? Clinical and Neurocognitive Aspects of Long Haul COVID”. Co-presenter: Dr. Aruna Subramanian, Clinical Professor, Chief – Immunocompromised Host Infectious Diseases, Stanford. April 7, virtual.

2021 University of Illinois at Chicago Grand Rounds: "Precision Mental Health Informed by Neuroscience". May 19, virtual.

2021 Stanford Center for Precision Mental Health and Wellness Anniversary Symposium “The promise of precision health for prevention, early detection, and treatment in mental health”, presentation titled “Precision Mental Health: Using Neuroscience Insights to Inform Personally Tailored, Measurement-Based Care”, September 24, virtual.

2021 University of Oxford Artificial Intelligence and Machine Learning for Mental Health seminar series, presentation titled “Mapping symptoms, circuits and treatment outcomes: Development of a personalized clinical imaging system and its initial validation in depression and anxiety”, November 9, virtual.

2022 Johns Hopkins University School of Medicine, Psychiatry Research Seminar Series, presentation titled “Circuit-symptom biotypes for depression, anxiety and treatment response”, May 17, virtual.

2022 Columbia University Grand Rounds, presentation titled “Precision psychiatry in depression: A focus on neural circuits and treatments”, June 29, virtual.

2022 University of Pittsburgh Grand Rounds, presentation titled "Circuit-symptom biotypes for depression and treatment response", Oct 21, virtual.

2023 Institute of Cognitive Neuroscience of the University College London seminar series, presentation titled "Precision Psychiatry: Biotypes for personalized therapeutics", Mar 20, virtual.

2023 University of Alabama at Birmingham Psychiatry Department Grand Rounds, presentation titled "Precision Mental Health and Biotyping for Mental Disorders", May 23, virtual.

2023 Duke Psychiatry Grand Rounds, presentation titled "Precision Therapeutics: From Circuit Biotypes to Personalized Interventions", June 8, virtual.

2023 Stark Neurosciences Research Institute's Seminar Series, presentation titled "Circuit-symptom biotypes for depression and treatment response", October 19, virtual.

2023 University of Pennsylvania Psychiatry Grand Rounds, presentation titled "Precision Therapeutics: From Circuit Biotypes to Personalized Interventions", November 2, virtual.

2024 Global Neuropsychiatry Group – International Neuropsychiatric Association webinar series, presentation titled "New visions for mental healthcare: using neuroscience to personalize treatments", March 28, virtual.

2025 Presentation at the Division of Psychotherapy, Department of Psychiatry, Icahn School of Medicine at Mount Sinai, "Precision Mental Health: For application in psychiatry", February 25, virtual.

2025 Weill Cornell Medicine Psychiatry Grand Rounds - The Samuel W. Perry III, MD Memorial Lecture, presentation titled "Precision Psychiatry: Tailoring Depression Treatment with Brain Circuit Biotypes", February 26, virtual.

2025 University of Minnesota NeuroPRSMH presentation titled "Tailoring Depression Treatment with Brain Circuit Biotypes", May 2, virtual.

2025 Emory School of Medicine, Psychiatry Grand Rounds, "Precision Mental Health: Using imaging to align the right treatment for the right person", June 25, virtual.

2025 Yale Psychiatry Grand Rounds, "Precision Neuroscience in Psychiatry", October 24, virtual

2025 Beth Israel Deaconess Medical Center – Harvard Medical School Psychiatry Grand Rounds, "Precision Psychiatry: Mapping Brain Circuits to Guide Personalized Treatment", November 20, virtual.

2026 University of Pennsylvania Center for Brain Imaging and Stimulation (CBIS) CNDS/CBIS/brainSTIM Neuromodulation and Neuroimaging Relevant to Affective Disorders Speaker Series, "Imaging-derived circuit biotypes to improve treatment outcomes in depression", February 11, virtual.

Invited presentations to communicate the research impact to wider audiences

2000 Inaugural 'Matter to Mind' Conference, Institute of Psychiatry and Maudsley Hospital. Emotion Perception in Schizophrenia: Integrating Central and Autonomic Nervous System Measures, Institute of Psychiatry, London, UK, September 30.

2001 NIMH workshop, 'Integrative Neurobiology', University of Chicago-Illinois Medical Center. "Integrating fMRI and ANS Measures", Chicago, June 23-30.

2001 Invited symposium on functional Brain Mapping for psychiatry, Melbourne, May 12.

2002 Australasian Skeptics' conference. 'A Cognitive neuroscience perspective', October 5.

2002 Keynote: NSW Clubs 'Towards a Better Future' Conference on problem gaming, "Brain imaging and Problem Gambling", Fairmont Resort, Leura, Blue Mountains, Australia, May 7.

2004 Queensland Brain Institute. "The cognitive neuroscience of fear systems underlying trauma reactions". October 6.

2004 Australasian & New Zealand Association of Psychotherapists. “Understanding trauma from a neuroscience perspective”, Sydney, October 31.

2004 Workshop on brain function and individual differences in sleep. Woolcock Institute. “Integrative neuroscience and implications for sleep”. Sydney. November 18.

2005 Eli-Lilly. ‘A Standardized Approach to Brain Imaging’, Indianapolis, August 16.

2006 Westmead Hospital Psychotherapy Training program seminar series. “The Emotional Brain: Nonconscious Perception and Trauma”, September 3.

2006 Pfizer Australia fellowship program. “Functional brain markers of schizophrenia and ADHD”, Melbourne, November 20.

2006 Platform. Youth Health Conference (state government funded). “The impact of development on the emotional brain”. Sydney, November 15.

2006 fMRI Experience Conference. “Using fMRI to understand schizophrenia as a disorder of brain system integration”, Melbourne, June 30.

2007 Westmead Hospital Psychotherapy Training program seminar series. “The Emotional Brain and Trauma”, April 26.

2007 Rivendell Psychiatric Center, Concord Hospital seminar series. “Brain imaging in early schizophrenia”, September 4.

2007 Pfizer Australia fellowship program. “Missing links’: Functional brain markers of schizophrenia”, Sydney, November 26.

2008 Pfizer Australia fellowship program. “Identifying Integrative Markers of psychiatric disorder and treatment”, Sydney, November 25.

2009 Special seminar, hosted by Australian and New Zealand Association of Psychotherapy. “Understanding the emotional brain”. Australian Museum, Sydney, August 8.

2014 Center for Innovation to Implementation forum event. “Personalizing neuroscience in primary care and community settings: Pragmatic trials of depression and anxiety”, May 27.

2014 VA San Francisco, NCIRE (The Veteran’s Health Research Institute”). Hosted by Tom Neylan, MD).“Personalized Neuroscience”, January 21.

2017 Stanford 3rd Annual Innovations in Psychiatry and Behavioral Health: Virtual Reality and Behavior Change. “VR, Brain Circuits and Precision Psychiatry – Targeting Depression”, October 6.

2018 Stanford Big Data in Precision Health conference. “Precision Mental Health”, May 24.

2018 Stanford Medicine Board of Fellows. “Precision Mental Health”, June 19.

2018 Stanford Catalyst for Collaborative Solutions. “Effective, Scalable, and Affordable Strategies for Mental Health”, May 29.

2018 Presentation and Participant in Stanford's Mood Disorders Education Day. In session on “Using Neuroscience in the Pursuit of Precision Medicine, July 14.

2018 Brain Mind Summit presentation. “Envisioning the Brain Mind Clinic Lab of the Future”, September 8.

2018 Second Annual Symposium of Stanford Precision Health for Ethnic and Racial Equity (SPHERE). “Precision Mental Health”, September 20.

2018 Stanford LeadWell Network: Bringing Depression Out of the Dark, Stanford, November 15.

2019 Stanford extends warm welcome to visitors during Family Weekend, February 20. “Empowering Yourself: Knowing Your Own Brain”. https://news.stanford.edu/.../stanford-extends-warm-welcome-visitors-family-weekend

2021 Stanford Wearable Electronics Initiative, eWEAR Symposium presentation: "Personalized neuroscience for developing mental health applications", February 25.

2021 Stanford AI + Health online conference, panel presentation "AI + Mental Health: Towards Improved Treatment Quality". Other presenters: Adam Miner, Leonardo Tozzi. December 9.

2024 Frontiers in Medicine, Stanford Medicine's annual event: 'AI in Bloom, A New Age in Human Health'. Presentation titled "Precision Mental Health: Personalizing Treatments", Stanford, September 19.

2025 Stanford Center for Artificial Intelligence in Medicine & Imaging (AIMI) Academic x Industry Summit. Presentation titled "Imaging and AI for Precision Mental Health", Stanford, October 22.

Invited seminar presentations

2009 Cornell University. "Using an Integrative Neuroscience to link brain and clinical outcomes in aging and psychiatry disorder", November 9.

2009 Cornell University. Sackler Institute. "Integrative Neuroscience and psychiatry", December 1.

2011 Stanford University. Research Laboratory for the Study of Behavioral Medicine, Psychiatry and Behavioral Sciences. "A platform for brain health", June 10.

2012 Stanford University Psychiatry and Behavioral Sciences Grand Rounds. "Biomarker predictors for treatment response in depression", October 25.

2012 Stanford University. Center for Interdisciplinary Brain Sciences Research, Psychiatry and Behavioral Science. "Emotion circuits in children and adolescents; attention, anxiety and treatment prediction", June 5.

2014 Center for Innovation to Implementation forum event. "Personalizing neuroscience in primary care and community settings: Pragmatic trials of depression and anxiety", May 27.

2014 VA San Francisco, NCIRE (The Veteran's Health Research Institute"). Hosted by Tom Neylan, MD. "Personalized Neuroscience", January 21.

2015 Stanford's Developmental Trauma Special Interest Group (DTSIG). "Childhood trauma and its impact on emotional brain circuits, mood disorder and treatment outcomes", August 11.

2020 University of Pennsylvania, Mahoney Institute of Neuroscience Seminar Series (Student-Elected Speaker), "Neuroscience-Informed Precision Psychiatry for Mood Disorders", November 4.

PEER-REVIEWED PANEL AND SYMPOSIUM PRESENTATIONS

Chronological order

2002 Opening symposium. International Congress of Psychophysiology, 'Towards an Integrated Model of Orienting and Emotion'. Montreal, July 29.

2004 Panel presentation. "Data Analysis that Takes More than One Paradigm in the Experimental Design". 10th Annual Meeting of the Organization for Human Brain Mapping, Brain and Behaviour: Budapest, Hungary, June 13.

2006 Symposium. Australasian Society for Psychiatric Research (ASPR) Conference. "Integrative Neuroscience and Psychiatry": Identifying cognitive, affective and brainwave markers of psychiatric disorder, Sydney, December 8.

2006 Symposium. International Neuropsychiatry Association conference. "Functional Connectivity Distinguishes Level of Awareness for Emotionally Significant Stimuli: fMRI and Gamma Synchrony in the Healthy Brain and Psychosis". Sydney, September 11.

2006 Symposium. International Neuropsychiatry Association Conference. "Integrating Cognitive and Affective Markers of ADHD". Sydney, September 13.

2007 Symposium. International Congress on Schizophrenia Research. “Too much or too little?: High frequency neural synchrony in schizophrenia, Colorado Springs, March 28.

2009 Panel presentation. American College of Neuropsychopharmacology 48th Annual Meeting." The Application of Gene-Brain-Behavior Markers of Emotion in Anxiety, Depression and ADHD, in Panel on ‘The Emotional Brain: Integrating Basic Knowledge & Translation into Novel Therapeutic Approaches for Anxiety in Major Depressive Disorder (MDD), Post-traumatic Stress Disorder (PTSD) & Attention Deficit Hyperactivity Disorder (ADHD). December 6.

2009 Panel presentation. American College of Neuropsychopharmacology 48th Annual Meeting. BDNFVal66Met, Stress and Emotional Brain Systems: Pathways in Risk for Depression, in Panel on ‘Deciphering the Impact of BDNF V66M’. December 8.

2010 Symposium. Society for Neuroscience. “Neural Basis of Emotional States”, San Diego, November 15.

2011 Panel presentation. ISSPD. International Society on the Study of Personality Disorders (ISSPD) “Loss of Self-Regulation in Borderline Personality Disorder: A Brain Basis in Neural ‘Dis-Integration”, Melbourne, March 2.

2011 Symposium. American Psychiatric Association. Markers for depression. Presentation on “International Study to Predict Optimized Treatment in Depression: iSPOT-D”.

2012 Symposium. Society of Biological Psychiatry. “Emotion and cognition in schizophrenia: Integrating psychophysiology, imaging and behavior“. Chair and presenter, with Deanna Barch (Washington U), Paul Fletcher (Cambridge U) and Cameron Carter (UC Davis).

2012 Symposium. NCDEU - American Society of Psychopharmacology. “Prefrontal dysfunction in major depression: Preliminary functional magnetic resonance imaging results". Arizona, June 1.

2013 Symposium. Society of Biological Psychiatry. “Toward Personalizing Treatment for Depression: New Imaging and Physiological Findings”. With Gerry Bruder (Chair, Columbia U), Helen Mayberg (Emory U) and Amit Etkin (Stanford U). May 17.

2013 Symposium. American Psychiatric Association. “Using biomarkers to select treatments: An illustration from the international study to predict optimized treatment for depression (iSPOT-D)”. With Alan Schatzberg (Chair, Stanford U), A. John Rush (Discussant, National U of Singapore), Charles Debattista (Stanford U), Amit Etkin (Stanford U) and Radu Saveanu (Miami U), May 19.

2014 Symposium (Co-Chair). American Psychiatric Association. “Circuits for cognition and emotion predict treatment outcomes in the iSPOT-D study of major depressive disorder”. With Alan Schatzberg (Chair, Stanford), Radu Saveanu (Miami U) and Evian Gordon (Brain Resource).

2014 Symposium (Chair). Society of Biological Psychiatry. “Dimensions of negative emotional states defined by circuits, genetics and behavior”. With Ian Gotlib (co-Chair, Stanford), Brandon Gibb (Binghamtom University), Ruben Gur (U Penn) and Bruce Cuthbert, NIMH Director of the RDoC Unit (Discussant). May 10, New York City.

2015 Symposium. Society of Biological Psychiatry. “New Findings and Future Outlooks from Studies of Biomarkers for Precision Medicine in Affective Disorders (MDD and Mania)”. Martijn Arns (Chair) and Gerard Bruder (Co-Chair) with co-presenters Arns (BrainClinics, Netherlands), Gerard Bruder (Columbia University), Mayuresh Korgaonkar (University of Sydney) and Ulrich Hegerl (University Hospital, Leipzig). Presentation title: Pre-treatment Brain MRI Measures to Identify Individuals Who Will and Will Not Remit During Acute Phase Treatment With Anti-depressant Medications - Results From the iSPOT-D Study (presenter Korgaonkar; senior author Williams). May 14, Toronto, Canada.

2015 Symposium. Society of Biological Psychiatry. “Stress and the Developing Brain: Pathways to Demise and Resilience”. Justine Gatt (Chair) and Cyndi Shannon-Weickert (Co-Chair). Co-presenters Cyndi Shannon Weickert (NeuRA and University of NSW, Sydney), Rhoshel Lenroot ((NeuRA and University of NSW, Sydney) and Kim Felmingham (University of Tasmania). Presentation title: Wellbeing and Resilience in the Healthy Twin Brain (presenter, Gatt, senior author, Williams). May 15, Toronto, Canada.

2015 Symposium. Society of Biological Psychiatry. "Allelic Variation in CRH-R1 SNP's as Biomarkers for Depression and Anxiety". Alan Schatzberg (Chair) and Ned Kalin (co-Chair). With co-presenters Ned Kalin (co-Chair, Wisconsin), Alan Schatzberg (Stanford) and David Hsu (Stony Brook); Presentation title: rs110402 Variation Mediates Neural Activation to Emotional Faces and Response to Treatment. May 15, Toronto, Canada.

2015 Symposium. Anxiety and Depression Association of America. "What Will RDoC Studies of Negative Valence Systems Tell Us About Anxiety and Depression?" John Hettema, MD, PhD and Scott Langenecker, PhD. Co-Presenters. John Hettema (Virginia Commonwealth University), Harold H. Goldsmith, PhD (University of Wisconsin – Madison), Stewart Shankman, PhD (University of Illinois at Chicago, Scott Langenecker, PhD, (University of Illinois at Chicago) and Peter Lang, PhD (University of Florida). Presentation title: "A Translational Model of Negative Emotion States". Discussant: Holly Garriock, PhD, National Institute of Mental Health. April 11, Miami.

2015 Symposium. American Psychological Society, "A Psychological Perspective on the RDoC Initiative". Benjamin B. Lahey (Chair). Co-Presenters Ben Lahey (University of Chicago), David Zald (Vanderbilt University). Discussant: Uma Vaidyanathan (National Institutes of Mental Health, RDoC Unit). Presentation title: Developing a dimensional neural circuit model of depression and anxiety. May 21, New York.

2016 Symposium, Society of Biological Psychiatry, "Neural and Behavioral Correlates of Impaired Emotion Regulation in Mood, Anxiety and Personality Disorders and Their Implications for Treatment". Presentation title: Emotional Reactivity and Regulation in Proband with Major Depressive Disorder and their Relatives: Implications for Treatment and Disease Risk. May 14, Atlanta.

2016 Symposium, International Society for Psychoendocrinology (ISPNE). "Stress, Hedonic Processes and Neuroplasticity" Ned Kalin and Aaron Heller (co-Chairs). Co-presenters: Elaine Walker (Emory University), Aaron Heller (Miami University), Alan Schatzberg (Stanford University), Ned Kalin (University of Wisconsin). Presentation title: CRH Genotypes Moderate Neural Circuits, Cognitive Emotional Function and Response to Antidepressants, September 10, Miami.

2016 Panel presentation. American College of Neuropsychopharmacology 55th Annual Meeting. Identifying a reward dysfunction biotype of anhedonia by functional imaging, neurocognition and intervention outcomes, in Panel on 'Identifying Multimodal Imaging Biomarkers and Treatment Targets for aberrant, Transdiagnostic Behaviors Associated with Abnormal Reward Circuitry Function". Panel Co-Chairs LM Williams and LM Phillips. Other presenters: R. Kaiser, D. Zald.

2017 Hot topics presentation. American College of Neuropsychopharmacology 56th Annual Meeting. "Clustering Identifies Symptom-Brain-Behavior Subtypes That Cut Across Mood, Anxiety and Trauma Disorders", December 3, Palm Springs.

2018 Symposium, Anxiety and Depression Association of America (ADAA). "Prediction of Treatment Response in Major Depression". Charlie Nemeroff and Ed Craighead (co-Chairs). Presentation title: Brain, Behavior and Gene Predictors of Antidepressant Treatment Outcomes in an International Personalized Medicine Biomarker Study. April 6, Washington DC.

2018 Symposium, Society of Biological Psychiatry (SOBP). "Bayesian Multi-Level Approaches for Integrating Psychiatric Data across Units of Analyses". Martin Paulus (Chair). Presentation title: Integrating Brain-Behavior Data to Identify Clinically Meaningful Biotypes for Depression and Anxiety. May 12, New York City.

2019 Faculty Presentation. University of Illinois Chicago. Neuroscience-informed Behavior Change. May 15, Chicago.

2019 Panel Presentation. American Psychiatric Association Annual Meeting. Neuroscience-informed Precision Psychiatry. Panel Chair Leanne M. Williams, co-presenter Laura M. Hack. May 22, San Francisco.

2019 Panel presentation at the 58th American College of Neuropsychopharmacology annual meeting. "Clusters of Canonical Neural Circuit Dysfunction are Distinguished by Symptom and Treatment Profiles" in the panel titled: "Novel Extensions of Computational Psychiatry to Decode Treatment Targets in Depression and Anxiety". Other presenters: Rebecca Price (Chair), Marta Pecina (Co-Chair), Diego Pizzagalli. December 8, Orlando.

2019 Invited Plenary in the Neuropsychopharmacology Presidential panel at the 58th American College of Neuropsychopharmacology annual meeting. "Integrating Sleep, Neuroimaging, and Computational Approaches for Precision Psychiatry". In "Sleep and Neuropsychiatric Illness". Panel co-chairs Luis de Lecea, John Winkelman. Other plenary presenters: Gordon Feld, George Koob, Andrew Krystal. December 9, Orlando.

2019 Co-Chair and Panel co-presenter at the 58th American College of Neuropsychopharmacology annual meeting. "Using Human Connectome Imaging Within an RDoC Framework to Characterize Disordered Emotional States" in Panel titled: "Multimodal Imaging Results From the Four Human Connectome Projects (HCP) Examining Dimensions of Anxious Misery". Other presenters: Yvette Sheline (Co-Chair), Susan Whitfield-Gabrieli, Leonardo Tozzi, Benjamin Wade. December 10, Orlando.

2020 Co-Chair with Kerry Ressler (Chair) at the 59th American College of Neuropsychopharmacology annual meeting NPPR Panel titled “Big Data in Psychiatry: Computational Modeling, Multiomics, Biotyping, and Digital Phenotyping”. Presenters: Lisa Marsch, Matthew State, Deanna Barch, Quentin Huys. December 7, virtual.

2020 Chair and Study Group presenter at the 59th American College of Neuropsychopharmacology annual meeting Study Group titled “New Nosological Approaches: Competing or Complementary”. Other presenters: Carlos Blanco (Co-Chair), Antonia Kaczkurkin, Roman Kotov, Bob Krueger, Bruce Cuthbert. December 9, virtual.

2021 Invited talk at the GE Lunch Symposium at ISMRM 2021 (International Society for Magnetic Resonance in Medicine), title: “Insights into Psychiatric Disorders with Ultra High Performance Gradients”. Co-Presenter: Adam Kerr. May 19, virtual.

2021 Panel presentation at the 60th American College of Neuropsychopharmacology annual meeting. “Mapping Dimensions of Neural Circuits to Symptoms, Behaviors and Treatments Across Mood and Anxiety Disorders” in the panel titled “The RDoC Paradigm: Advances in the Study of Brain/Behavioral Mechanisms”. Other presenters: Williams Carpenter (Chair), Jenni Pacheco (Co-Chair), Aristotle Voineskos, Annmarie MacNamara, Andreas Meyer-Lindenberg. December 7, virtual.

2022 Symposium, Society of Biological Psychiatry (SOBP). “Predicting Antidepressant Response Using Symptom-Specific Functional Connectomics”. Katharine Duplop (Chair), Conor Liston (Co-Chair). Presentation title: “Mapping Brain Circuit Function to Symptoms and Behavioral Dimensions of Depression and Anxiety”. April 30, New Orleans, LA.

2023 Presentation at the Inaugural Bay Area Psychedelic Science Symposium, title: “The Doors of Precision: Personalizing psychedelics based on brain circuits and experiences”, March 16, Stanford.

2023 Symposium Chair at the annual meeting of the Society of Biological Psychiatry (SOBP), “Identifying and Targeting Neural Network Abnormalities in Mood and Stress-Related Disorders Using Neural Network, Novel Neuromodulatory and Selective Therapeutic Approaches”, April 27, San Diego.

2023 Plenary presentation at the annual meeting of the Society of Biological Psychiatry (SOBP), Plenary II: Precision Healing. Presentation title: “Precision Therapeutics: From Circuit Biotypes to Personalized Interventions”, April 28, San Diego.

2023 Panel presentation at the 62nd American College of Neuropsychopharmacology annual meeting. “Integrating Neural Circuit and Behavioral Measures to Define and Personalize Treatments for a Cognitive Biotype of Depression” in the panel titled ‘Connecting Neural and Digital Signatures of Affective Disorders: Opportunities for Personalized Measurement and Intervention in the Era of Precision Psychiatry’. Other presenters: Alex Leow (Chair), Loran Knol, Randy Auerbach, Olusola Ajilore. December 4, Tampa, FL.

2026 Neuroscience for Primetime symposium at the annual meeting of the Society of Biological Psychiatry (SOBP), presentation titled “Stanford EtCere: A Circuit-Based Foundation for Personalized Depression Care”. Other presenters: Kate Webb and Corinde Wiers. April 30, New York, NY.

2026 AI4MH Symposium: Foundations, Frontiers, and the Real World: Shaping AI’s Role in Mental Health. Moderator of the “Academic Research: Foundations & Frontiers” panel; presenters Alexis Hiniker, H.Andrew Schwartz, Shannon Wilsey Stirman. Stanford, June 1.

PUBLISHED CONFERENCE ABSTRACTS

Chronological order

1. **Williams LM**, Irwin H (1991). A Study of Paranormal Belief and Magical Ideation as an Index of Schizotypy, and Cognitive Style. Personality and Individual Differences, 12(12), 1339-1348. doi: 10.1016/0191-8869(91)90210-3
2. **Williams LM**, Irwin H (1992). A Study of Paranormal Belief and Magical Ideation as an Index of Schizotypy, and Cognitive Style. Australian Journal of Psychology, S168.
3. **Williams LM** (1996). A Cluster Analytic Study of the Personality Disposition to Schizophrenia. Australian Journal of Psychology, 48 Suppl, S151.
4. Phillips ML, **Williams LM**, Senior C, Bullmore ET, Brammer M, Andrew C, Williams SCR, David AS (1999). An Investigation of the Neural Correlates of Threat Perception in Paranoid Schizophrenia: an fMRI Study. Schizophrenia Research, 36, S230.
5. **Williams LM**, Loughland CM, Gordon E (1999). Visual Scanpaths and Recognition of Positive and Negative Facial Emotions in Schizophrenia. Schizophrenia Research, 36, S268.
6. Lee K, Gordon E, **Williams LM**, Haig A, Goldberg E (1999). Novelty and Routinization Dysfunction in Schizophrenia: a 40 Hz Gamma Study. Journal of Applied Health Behaviour, 1(2), S60-61.
7. **Williams LM**, Brammer MJ, Skerrett D, Lagopolous J, Rennie C, Peduto A, Gordon E (2000). Neural Activity Associated with Electrodermal Orienting: An Integrated fMRI and GSR Study. Psychophysiology, 37 (Supplement), S105.
8. **Williams LM**, Rennie C, Lagopolous J, Brammer MJ, Phillips ML, Bahramali H, Olivieri G, Peduto A, Gordon E (2000). The Influence of Electrodermal Orienting on Simultaneously Recorded Neural Activity: An fMRI Study of Emotion Perception. Psychophysiology, 37 (Supplement), S11.
9. **Williams LM**, Gordon E (2000). Integrative Neuroscience of Orienting. International Journal of Psychophysiology, 35(1), S45.
10. **Williams LM**, Gordon E, Lagopolous J, Rennie C, Peduto A, Olivieri G, Phillips ML, Brammer MJ, Skerrett D (2000). Functional Neuroimaging and Threat Perception: Differentiating Responses by Simultaneously Recorded Skin Conductance Responses. International Journal of Psychophysiology, 35, S46.
11. **Williams LM**, Phillips ML, Gordon E, Lagopolous J, Rennie C, Brammer MJ, David AS. (2000). Functional Neuroimaging and Threat Perception in Paranoia: Neural Responses are Differentiated by Simultaneously Recorded Skin Conductance Responses. Schizophrenia Research, 41, S142-143.
12. **Williams LM**, Rennie C, Lagopolous J, Brammer MJ, Bahramali H, Phillips M, Olivieri G, Peduto A, Gordon E (2000). Influence of Electrodermal Orienting on Simultaneously Recorded Neural Activity: An fMRI Study of Emotion Perception. Psychophysiology, 37 (Suppl 1), S11.
13. Lee K-H, Gordon E, **Williams LM**, Haig A (2000). Disturbance of Synchronous Gamma Activity in Schizophrenia. Psychophysiology, 37 (Suppl), S60.
14. Marsh PJ, Lazzaro I, Harris, AWF, **Williams LM**, Gordon E (2000). Can ADHD and First-Episode Schizophrenia in Adolescents be Distinguished by Psychophysiological Measures of Arousal and Attention? Psychophysiology, 37 (Suppl), S66.
15. Lee K-H, **Williams LM**, Haig A, Gordon E (2000). Synchronous Gamma Activity and Syndromes in Schizophrenia. Journal of Applied Health Behaviour.
16. Marsh PJ, Lazzaro I, Harris, AWF, **Williams LM**, Davidson, D, Gordon E (2000). Can Patterns of Visual Scanning of Facial Affect differentiate Attention-Deficit HyperActivity Disorder and First-Episode Schizophrenia in Adolescents? Australian Journal of Psychology.
17. Loughland CM, **Williams LM** (2000). Scanpath Aberrations to Faces and Facial Expression: How Specific is these to Schizophrenia? Journal of Applied Health Behaviour.

18. Manor B, Gordon E, **Williams LM** (2000). Facial Affect and Visual Scanning Patterns in Schizophrenia. International Journal of Psychophysiology, 35(1), S32.
19. Marsh PJ, Lazzaro I, Manor BR, Harris AWF, **Williams LM**, Gordon E, Davidson D (2000). Facial Expressions of Emotion and Visual Scanpaths in Attention-Deficit HyperActivity Disorder (ADHD) and First-Episode Psychosis (FEP). International Journal of Psychophysiology, 35(1), S69.
20. Lee K, Gordon E, **Williams LM**, Haig A, Goldberg E (2000). Novelty and Routinization in Schizophrenia: A 40Hz Gamma Study. International Journal of Psychophysiology, 35(1), S47.
21. Harris A, Slewa-Younan S, **Williams LM**, Gordon E, Li W (2000). The Topography of EEG in Three Syndromes of Schizophrenia. International Journal of Psychophysiology, 35(1), S51.
22. Slewa-Younan S, Gordon E, **Williams LM**, Goldberg E (2000). Is Gamma Activity in Schizophrenia Mediated by Gender? International Journal of Psychophysiology, 35(1), S72.
23. Brown K, Gordon E, Gonsalvez C, **Williams LM**, Bahramali H, Harris A, Gray J (2000). Misattribution of Sensory Input in Schizophrenia. International Journal of Psychophysiology, 35(1), S62.
24. Green MJ, **Williams LM**, Gordon E (2000). Cognitive and Autonomic Processing of Facial Affect: Implications for Schizophrenia. International Journal of Psychophysiology, 35(1), S65.
25. Marsh PJ, Lazzaro I, Harris A, **Williams LM**, Manor BR, Gordon E (2000). Eye Movement and Autonomic Dysfunctions in Attention-Deficit HyperActivity Disorder and Patients with First-Episode Psychosis. International Journal of Psychophysiology, 35(1), S68.
26. Brown KJ, **Williams LM**, Gordon E, Wright J, Bahramali H (2000). Late Component ERPs are Associated with Three Syndromes in Schizophrenia. Schizophrenia Research, 41, S151.
27. Marsh PJ, Lazzaro I, Manor BR, Harris AWF, **Williams LM**, Gordon E, Davidson D (2000). Facial Expressions of Emotion and Visual Scanpaths in Attention Deficit HyperActivity Disorder (ADHD) and First-Episode Psychosis (FEP). Schizophrenia Research, 41, 288.
28. Green MJ, **Williams LM** (2000). Affect Identification in Schizotypy. Schizophrenia Research, 41, S288-289.
29. Green MJ, **Williams LM** (2000). Processing of Threat-Related Affect is Delayed in Delusion Prone Normals. Schizophrenia Research, 41, S289.
30. Phillips ML, **Williams LM**, Senior C, Bullmore ET, Brammer MJ, Andrew C, Williams SCR, David AS (2000). Increased Right Amygdala Activation to Fear in Paranoid Schizophrenia: An fMRI Study. Schizophrenia Research, 41, S12.
31. Lee KH, **Williams LM** (2000). Eye movement Dysfunction as a Biological Marker of Risk for Schizophrenia. Australian and New Zealand Journal of Psychiatry, 34 Suppl, S91-100. PMID: 11129321.
32. **Williams LM**, Harris AWF, Peduto A, Oliveri G, Horley K, Phillips ML, Gordon E (2001). Emotion Perception in Schizophrenia: Integrating ERP, fMRI and Arousal Measures. Schizophrenia Research, 49, S190.
33. **Williams LM**, Phillips ML, Brammer M, Skerrett D, Lagopolous J, Peduto A, Gordon E (2001). Simultaneously Recorded Arousal and fMRI: Dissociating Amygdala and Hippocampal Responses to Threat. NeuroImage, 13(6) Part 2, S487. doi: 10.1016%2FS1053-8119(01)91830-0
34. Green MJ, **Williams LM**, Davidson DJ (2001). Visual Scan Paths to Faces in Schizophrenia: State or Trait-Linked Aberrations? Schizophrenia Research, 49, S215.
35. Green MJ, **Williams LM** (2001). In the Face of Danger: Visual Scan Paths to Threat-Related Facial Expressions and Relations with Delusion-Proneness. Australian Journal of Psychology, 53(2), 121.
36. Lee K-H, **Williams LM**, Haig A, Gordon E (2001). Gamma (40 Hz) Phase Synchronicity and Symptom Dimensions in Schizophrenia. Schizophrenia Research, 49, S205.

37. Phillips ML, Parker A, **Williams LM**, Medford N, Bullmore ET, David AS, Brammer MJ (2001). Increased Variability and Magnitude of Amygdala Responses to Fear in Schizophrenia: An fMRI Study. Schizophrenia Research, 49, S184.

38. Phillips M, Medford N, Young A et al **Williams LM** (2001). Time Courses of Left and Right Amygdala Responses to Fearful Facial Expressions. NeuroImage 13, Part 2, S458.

39. Phillips ML, Medford N, Young AW et al **Williams LM** (2001). Neural Responses to Facial Expressions of Basic Emotions Examined with Functional Magnetic Resonance Imaging: Specificity and Laterality Issues. Psychophysiology, 38, S8.

40. Phillips ML, Parker A, **Williams LM** et al (2001). Investigation of the Variability and Magnitude of Right and Left Amygdala Responses to Fear in Schizophrenia: An fMRI Study. Biological Psychiatry, 49(8), 151S.

41. **Williams LM**, Harris AWF, Peduto A, Oliveri G, Horley K, Phillips ML, Gordon E (2001). Emotion Perception in Schizophrenia: Integrating ERP, fMRI and Arousal Measures. Schizophrenia Research, 49, S190.

42. **Williams LM**, Phillips ML, Brammer M, Skerrett D, Lagopolous J, Peduto A, Gordon E (2001). Simultaneously Recorded Arousal and fMRI: Dissociating Amygdala and Hippocampal Responses to Threat. NeuroImage, 13(6, part 2), S487.

43. Phillips ML, Parker A, **Williams LM**, Medford N, Bullmore ET, David AS, Brammer MJ (2001). Increased Variability and Magnitude of Amygdala Responses to Fear in Schizophrenia: An fMRI Study. Schizophrenia Research, 49, S184.

44. Lee K.-H, **Williams LM**, Haig A, Gordon E (2001). Gamma (40 Hz) Phase Synchronicity and Symptom Dimensions in Schizophrenia. Schizophrenia Research, 49, S205.

45. Green MJ, **Williams LM**, Davidson DJ (2001). Visual Scanpaths to Faces in Schizophrenia: State or Trait-Linked Aberrations? Schizophrenia Research, 49, S215.

46. Phillips ML, Parker A, **Williams LM**, Medford N, Bullmore ET, David AS, Brammer MJ (2001). Increased Variability and Magnitude of Amygdala Responses to Fear: An fMRI Study. NeuroImage, 13(6, part 2), S458.

47. Brown KJ, **Williams LM**, Das P, Liddell BJ, Olivieri G, Peduto A et al (2002). Differential Spatio-Temporal Dynamics for Amygdala and Hippocampus According to SCR in fMRI Response to Fear. International Journal of Psychophysiology, 45, 85.

48. Danthir V, Stankov L, **Williams LM** et al (2002). Synchronous Gamma (40Hz) Activity, Cognitive Ability and Speed of Processing. Australian Journal of Psychology, 54(1), 51.

49. **Williams LM** (2002). Towards an Integrative Neuroscience of Orienting and Emotion. International Journal of Psychophysiology, 45(1-2), 14-15.

50. Brown KJ, **Williams LM**, Das P, Liddell BJ, Olivieri G, Peduto A et al (2002). Differential Spatio-Temporal Dynamics for Amygdala and Hippocampus According to SCR in fMRI Response to Fear. International Journal of Psychophysiology, 45, 85.

51. Hermens D, **Williams LM**, Lazzaro I, Clarke S, Harris A, Gordon E. et al (2002). EEG, ERP, Gamma Synchrony and SCL: Towards and Integrative Approach to ADHD and Schizophrenia. International Journal of Psychophysiology, 45, 80.

52. Green MJ, **Williams LM** (2002). In the face of Danger: Visual Scanpaths to Threat-Related Facial Expressions. Journal of Cognitive Neuroscience, Suppl, S72.

53. Hermens D, **Williams LM**, Lazzaro I, Clarke S, Harris A, Gordon E et al (2002). EEG, ERP, Gamma Synchrony and SCL: Towards and Integrative Approach to ADHD and Schizophrenia. International Journal of Psychophysiology, 45, 80.

54. **Williams LM**, Das P, Harris AWF, Olivieri G, Brammer MJ, Phillips ML, David A, Peduto A, Gordon E (2003). Dysregulation of Arousal and Prefrontal-Limbic Systems in Paranoid Schizophrenia. NeuroImage, 19(2), S22.

55. Green MJ, **Williams LM** (2003). Visual Processing of Threat-Related Faces in Deluded Schizophrenia. Schizophrenia Research, 60(1), 266.

56. Barton MJ, Bryant RA, Brown KJ, Liddell BJ, Das P, Hughes G, Olivieri G, Peduto A, Gordon E **Williams LM** (2003). Simultaneous fMRI and Skin Conductance Recording Elucidates Gender Differences in Fear Perception. NeuroImage, 19(2), S20.

57. Breakspear M, Brammer M, Bullmore E, Das P, **Williams LM** (2003). Characterizing Functional Connectivity and Estimating Background Spatio-Temporal Correlations in Brain Imaging Data: A Wavelet Approach. NeuroImage, 19(2), S43.

58. Breakspear M, Terry JR, Friston KJ, Harris AWF, **Williams LM**, Brown KJ, Brennan J, Gordon E (2003). A Disturbance of Nonlinear Interdependence in Scalp EEG of Subjects with First Episode Schizophrenia. NeuroImage, 19(2), S36.

59. Brown KJ, **Williams LM**, Das P, Liddell BJ, Olivieri G, Peduto A, Gordon E (2003). Evidence for Parallel Amygdala and Hippocampal Systems for Fear Perception: A Multi-Modal fMRI and Skin Conductance Arousal Study. NeuroImage, 19(2), S20.

60. Das P, Harris AWF, Liddell B, Brown KJ, Brammer MJ, Olivieri G, Peduto A, **Williams LM** (2003). A Disjunction in Central and Autonomic Responses to Emotion Stimuli in Schizophrenia: Evidence from Concurrent fMRI and Skin Conductance Arousal Recording. NeuroImage, 19(2), S37.

61. Farrow TFD, Whitford TJ, **Williams LM**, Gomes L, Harris AWF (2003). A Longitudinal Study of Regionally-Specific Grey and White-Matter Volume Changes in First-Episode Psychosis Subjects. NeuroImage, 19(2), S56.

62. Hamilton RJ, Goldberg E, Haig A, **Williams LM**, Gur RC, Gur RE, Flor-Henry P, Gordon E (2003). How the Brain Puts the Pieces Together: Sex Differences in Integrative Function. NeuroImage, 19(2), S32.

63. Hermens D, **Williams LM**, Clarke S, Kohn M, Gordon E (2003). Converging Evidence of Left Frontal Disturbance in Attention Deficit HyperActivity Disorder. NeuroImage, 19(2), S37.

64. Hermens D, **Williams LM**, Clarke S, Kohn M, Gordon E (2003). Left Posterior Information Processing Disturbance in Attention Deficit HyperActivity Disorder. NeuroImage, 19(2), S37.

65. Kang K, **Williams LM**, Hermens D, Haig A, Gordon E (2003). Convergent central and Autonomic Evidence for Markers and Modulators of Context Processing. NeuroImage, 19(2), S33.

66. Kang K, **Williams LM**, Clarke S, Gordon E (2003). Variability in Measures in Theories and Measures of ADHD: Towards an Integrative Neuroscience. NeuroImage, 19(2).

67. Hermens DF, **Williams LM**, Lazzaro I, Whitmont S, Gordon E (2003). Sex differences in adult ADHD: an event-related psychophysiology study. Australian Journal of Psychology, 55.

68. Breakspear M, Stam CJ, **Williams LM** (2003). A novel method of quantifying the topography of phase-desynchronisation in scalp EEG data. Australian Journal of Psychology, 55, 12.

69. Farrow TFD, Whitford TJ, **Williams LM**, Gomes L, Winter V, Harris AWF (2003). Regionally specific grey-matter volume reductions in first-episode schizophrenia and affective-disorder. Australian Journal of Psychology, 55, 17.

70. Barton MJ, Brown KJ, Hughes GL, Liddell BJ, Olivieri G, Peduto A, Gordon E, **Williams LM** (2003). Gender differences in fear perception: Evidence from concurrent fMRI and skin conductance acquisition. Australian Journal of Psychology, 55, 11-12.

71. Whitford TJ, **Williams LM**, Farrow TFD, Gomes L, Harris AWF (2003). Brain volume as a marker for age of psychosis onset in schizophrenia. Australian Journal of Psychology, 55, 30.

72. Slewa-Younan S, **Williams LM**, Harris AW, Haig AR, Gordon E (2003). Sex differences in gamma '40 Hz' synchrony: a comparison of first episode and chronic schizophrenia. Australian Journal of Psychology, 55, 27.

73. Liddell BJ, **Williams LM**, Gordon E (2003). The N2 distinguishes sub-versus supra-threshold perception of fear and happy faces: an event-related potential study. Australian Journal of Psychology, 55, 22.

74. Brown KJ, Gonsalvez CJ, Harris AWF, Lazzaro I, **Williams LM**, Gordon E (2003). Specificity of target, nontarget ERP disturbance in schizophrenia: a comparison of first episode schizophrenia and attention deficit hyperactivity disorder. Australian Journal of Psychology, 55, 13.

75. Liddell B, **Williams LM**, Haig A, Gur RE, Gur RC, Gordon E (2003). Subliminal Perception of Positive and Negative Emotion Stimuli: Dissociation by Event-Related Potentials, NeuroImage, 19(2), S21.

76. Liddell B, Brown KJ, Barton M, Das P, Olivieri G, Hughes G, Peduto A, Gordon E, **Williams LM** (2003). Subliminal Perception of Emotion Stimuli: Functional MRI Evidence for a Novelty Detection Network. NeuroImage, 19(2), S21.

77. Loughland CM, **Williams LM**, Harris AWF (2003). Visual Scanpath Dysfunction in First Degree Relatives of Schizophrenia Probands: Evidence for a Vulnerability Marker? Schizophrenia Research, 67(1), 11-21. doi: 10.1016/S0920-9964(03)00094-X

78. Sidis A, **Williams LM**, Gordon E, Haig A, Meares RA (2003). Impaired Functional Connectivity in Borderline Personality Disorder. NeuroImage, 19(2), S38.

79. Whitford TJ, Farrow TFD, **Williams LM**, Gomes L, Brennan J, Harris AWF (2003). Gray Matter Correlates of Clinical Symptoms in First-Episode Schizophrenia. NeuroImage, 19, 38.

80. **Williams LM** (2004). A Disjunction of Autonomic and Limbic-Prefrontal Systems in Paranoid Schizophrenia: An Integrated fMRI and Skin Conductance Study. The World Journal of Biological Psychiatry, 5, 23.

81. **Williams LM**, Kemp A, Felmingham K, Das P, Hughes G, Peduto T, Gordon E, Bryant R (2004). Implicit Perception of Fear Signals: An fMRI Investigation of PTSD. The World Journal of Biological Psychiatry, 5, 135.

82. Das P, Kemp A, Brown KJ, Harris AWF, Olivieri G, Peduto T, **Williams LM** (2004). Pathways for fear perception: interaction of amygdala and prefrontal cortices. NeuroImage, 22, 26.

83. **Williams LM**, Brown KJ, Liddell BJ, Peduto A, Gordon E (2004). Developmental Changes in Limbic-Prefrontal Responses to Emotion across Seven Decades. NeuroImage, 22, 28.

84. Barton MJ, Alexander DA, Gordon E, **Williams LM** (2004). A New Technique for Simultaneous Study of Physiological Arousal and Brain Imaging. NeuroImage, 22, 44.

85. Brown KJ, Gordon E, Kemp A, Rennie CJ, Felmingham KL, **Williams LM** (2004). Discriminating Salient Stimuli: Non-Linear Changes in Functional Brain Activity across 7 Age Decades. NeuroImage, 22, 50.

86. Bryant R, Felmingham K, Kemp A, Brown K, Das P, Peduto A, Gordon E, **Williams LM** (2004). Investigating the Neural Substrates of a Selective Attention Task in Posttraumatic Stress Disorder: An fMRI Study. The World Journal of Biological Psychiatry, 5, 137.

87. Harris A, **Williams LM**, Brown K, Brennan J (2004). Is There Evidence of Neurodegenerative Change Over the First 2 Years of Illness in Schizophrenia? A First Episode Psychosis Study. The World Journal of Biological Psychiatry, 5, 67.

88. Kemp AH, Bryant RA, Liddell BJ, Barton MJ, Felmingham KL, Gordon E, Peduto A, **Williams LM** (2004). Dissociation of Exaggerated Amygdala Response in PTSD by Conscious versus Non-Conscious Fear Perception. NeuroImage, 22, 28.

89. Liddell BJ, Kemp A, Brown KJ, Olivieri G, Gordon E, **Williams LM** (2004). A Region of Interest Investigation of Amygdala Response to Fear and Happy Nonconscious Faces. NeuroImage, 22, 27.

90. Palmer D, Liddell BJ, Gordon E, **Williams LM** (2004). Perception of Facial Signals of Emotion: An Event-Related Study of Brain electrical Activity. NeuroImage, 22, 27.

91. Whitford TJ, Harris AWF, Farrow TFD, Gomes L, Brennan J, **Williams LM** (2004). Grey Matter Atrophy and Symptom Profile: A Longitudinal Study of First Episode Schizophrenia. NeuroImage, 2004, 31.

92. **Williams LM**, Schofield P, Cooper N, Brown KJ, Grieve S, Gordon E (2005). Mapping the Influence of Genotype on Functional Imaging Phenotypes in Cognition and Emotion. NeuroImage, 26 (Supp 1), 26.

93. Flynn GJ, Wong W, Harris A, **Williams LM**, Whitford T, Gordon E (2005). Synchronous Gamma Oscillations in First Episode Psychosis. Abstracts for the Royal Australian and New Zealand College of Psychiatrists. Joint CINP/ASPR Scient. Australian and New Zealand Journal of Psychiatry, 39 (Supp 2), A15.

94. Gatt J, Kuan S, Dobson-Stone C, Schofield P, Gordon E, Paul R, Brown K, **Williams LM** (2005). An Integrative Approach towards Mapping the BDNF Genotype onto Phenotypes: The Identification of Mood and Memory Profiles. Joint CINP/ASPR Scientific Meeting, Brisbane Australia Australian and New Zealand Journal of Psychiatry, 39 (Supp 2), A18.

95. Kuan S Gatt J, Dobson-Stone C, Brown K, Paul R, Schofield P, Gordon E, **Williams LM** (2005). Mapping the Comt Genotype Onto Phenotypes: Implications For Psychiatric Disorders Of Cognition And Emotion. Australian & New Zealand Journal of Psychiatry, 39 (Supp 2), 17.

96. Keage HAD, Clark CR, Hermens DF, Clarke S, Kohn M, **Williams LM**, Crewther DP, Gordon E (2005). Gamma phase synchrony in children with attention deficit/hyperactivity disorder. Australian Journal of Psychology, 57 (Supp), 27.

97. Liddell B, Palmer D, Gordon E, **Williams LM** (2005). Examining the time course of subliminal emotion perception. Australian Journal of Psychology, 57 (Supp), 29.

98. Palmer DM, **Williams LM**, Liddell BJ, Gordon E (2005). Age-Related Changes in the Processing of Facial Stimuli: An ERP Study. Australian Journal of Psychology, 57 (Supp), 33.

99. Terpening Z, Felmingham K, Bryant R, Gordon E, **Williams LM** (2005). The problem of comorbidity: using event-related potentials to delineate temporal markers for PTSD above comorbid depression. Australian Journal of Psychology, 57 (Supp), 38.

100. Schofield PR, **Williams LM,** Luty A, Cooper N, Brown K, Grieve S, Gordon E (2005). Selective Errors in Declarative Memory and Hippocampal Function Associated with Brain Derived Neurotrophic Factor Polymorphism. American Journal of Medical Genetics Part B -Neuropsychiatric Genetics, 138B (1), 91.

101. **Williams LM**, Das P, Flynn G, Harris AWF (2005). Missing Links: Loss of Functional Connectivity in the Emotional Brain Systems in Schizophrenia. Australian and New Zealand Journal of Psychiatry, 39 (Supp 2), A22.

102. **Williams LM**, Palmer DM, Brown K, Liddell BJ, Gordon E (2005).The Mellow Years? Changes in ERP and fMRI Measures of Neural Response to Emotion Stimuli Predict Better Emotional Stability over Age. Clinical EEG and Neuroscience, 37 (Supp 2), 173.

103. Alexander D, Boord P, Brown K, Das P, Flynn G, Galletly C, Gordon E, Harris A, **Williams LM**, Wong W (2006). First-episode psychosis and direction of wave propagation at 1 Hz in the EEG. Acta Neuropsychiatrica, 18(6), 240. PMID: 27397156 doi: 10.1111/j.1601-5215.2006.00158.x

104. Flynn G, Alexander D, Galletly C, Gordon E, Whitford T, **Williams LM**, Wong W, Boord P (2006). Gamma synchrony in first-episode psychosis. Acta Neuropsychiatrica, 18(6), 250. PMID: 27397182 doi: 10.1017/s0924270800030258

105. Hopkinson P, Kemp A, Gordon E, Clarke R, Boyce P, **Williams LM** (2006). Wagging the black dog: predicting depression severity using neuropsychological measures. Acta Neuropsychiatrica, 18(6), 255. PMID: 27397195 doi: 10.1017/s0924270800030386

106. Palmer D, **Williams LM**, Gordon E, Hermens D (2006). Identifying affective markers of ADHD and comorbid Conduct Disorder. Acta Neuropsychiatrica, 18(6), 265. PMID: 27397222 doi: 10.1017/s0924270800030659

107. **Williams LM**, Gordon E, Harris A, Das P, Wong W, Flynn G, Alexander D, Whitford T (2006). Understanding altered neural synchrony in first-episode schizophrenia. Acta Neuropsychiatrica, 18(6), 274-5. PMID: 27397247 doi: 10.1017/s0924270800030908

108. Boord P, **Williams LM**, Gordon E, Rennie C (2006). Keep the heart in mind: the interplay of heart and brain activity over the life span. Acta Neuropsychiatrica, 18(6), 279. PMID: 27397257 doi: 10.1017/s0924270800030994

109. Brown K, Alexander D, Boord P, Das P, Flynn G, Galletly C, Gordon E, Harris A, Whitford TJ, Wong W, **Williams LM** (2006). Reduced fMRI activity in response to salient stimuli in first-episode schizophrenia. Acta Neuropsychiatrica, 18(6), 279-80. PMID: 27397258 doi: 10.1017/s0924270800031008

110. Das P, Alexander D, Boord P, Brown K, Flynn G, Galletly C, Gordon E, Harris A, Whitford T, **Williams LM**, Wong W (2006). Impaired connectivity in amygdala pathways may explain disorganization symptoms of patients with first-episode schizophrenia. Acta Neuropsychiatrica, 18(6), 282. PMID: 27397265 doi: 10.1017/s0924270800031070

111. Marsh PJ, Harris AW, Clarke S, Kohn M, Lazzaro I, Brown K, Charles M, Latimer C, **Williams LM** (2006). ADHD and first-episode schizophrenia show distinct scanpaths to emotional faces. Acta Neuropsychiatrica, 18(6):298. PMID: 27397305 doi: 10.1017/s0924270800031471

112. Whitford T, Alexander D, Brennan J, Gomes L, Gordon E, Harris A, **Williams LM** (2006). Longitudinal increases in gamma-phase synchrony contrasts with progressive gray matter atrophy in first-episode schizophrenia. Acta Neuropsychiatrica, 18(6), 311. PMID: 27397337 doi: 10.1017/s0924270800031793

113. Bryant RA, Felmingham KL, Falconer EM, Kemp AH, Das P, Peduto A, **Williams LM** (2006). Treatment response and post-traumatic stress disorder: neuroimaging findings. Acta Neuropsychiatrica, 18(6), 323. PMID: 27397368 doi: 10.1017/s0924270800032099

114. Felmingham KL, **Williams LM**, Falconer E, Kemp AH, Das P, Peduto A, Bryant RA (2006). 04-05 Neural activity in dissociative and nondissociative PTSD: an fMRI analysis of conscious and nonconscious fear processing. Acta Neuropsychiatrica, 18(6), 323-324. PMID: 27397369 doi: 10.1017/s0924270800032105

115. **Williams LM** (2006). Identifying Gene-Brain Markers of Cognition and Emotion: Implications for Psychiatric Disorders. Acta Neuropsychiatrica, 18(6), 335. PMID: 27397398 doi: 10.1017/s0924270800032397

116. Dobson-Stone C, Gatt JM, Kuan S, Paul RH, Gordon E, **Williams LM**, Schofield PR (2006). Understanding Genotype-Phenotype Relationships Using the Brain Resource International Database: Implications for Psychiatric conditions (2006). Acta Neuropsychiatrica, 18(6), 335-6. PMID: 27397399 doi: 10.1017/s0924270800032403

117. Kuan SA, Gatt JM, Dobson-Stone C, Paul RH, Schofield PR, Gordon E, **Williams LM** (2006). Identifying markers of negative mood: the gender-specific influence of COMT and MAO-A polymorphisms on emotion processing. Acta Neuropsychiatrica, 18(6), 337. PMID: 27397402 doi: 10.1017/s0924270800032439

118. Gatt JM, Kuan S, Dobson-Stone, Paul RH, Schofield PR, Gordon E, **Williams LM** (2006). Identifying Pathways to Depressed Mood and Cognitive DysFunction: the BDNF Val66Met Polymorphism and Early Life Stress. Acta Neuropsychiatrica, 18(6), 336-7. PMID: 27397401 doi: 10.1017/s0924270800032427

119. Gatt JM, Kuan S, Dobson-Stone C, Paul RH, Schofield PR, Gordon E, **Williams LM** (2006). Genotypes and neural binding in negative affect: the contribution of genetic polymorphisms to 40 Hz gamma phase synchrony. Acta Neuropsychiatrica, 18(6), 337-338. PMID: 27397403 doi: 10.1017/s0924270800032440

120. **Williams LM** (2006). 'Integrative Neuroscience' and Psychiatry: Identifying Cognitive, Affective and Brainwave Markers of Psychiatric Disorder. Acta NeuroPsychiatrica, 18(6), 338. PMID: 27397404 doi: 10.1017/s0924270800032452

121. **Williams LM**, Whitford TJ, Liddell BJ, Alexander D, Flynn G, Wong W, Harris AWF, Gordon E (2006). Identifying Cognitive, Affective and Neural Synchrony Markers Which Predict Real-World Functional Outcome in First-Episode Schizophrenia: an Integrative Neuroscience Approach. Acta Neuropsychiatrica, 18(6), 338. PMID: 27397405 doi: 10.1017/s0924270800032464

122. Hermens DF, Kohn MR, Clarke SD, Clark CR, Gordon E, **Williams LM**. (2006). Identifying Cognitive and Affective Markers within an Integrative Neuroscience Model of ADHD. Acta NeuroPsychiatrica, 18(6), 339. PMID: 27397407 doi: 10.1017/s0924270800032488

123. Liddell BJ, Moyle J, **Williams LM**, Gordon E (2006). Identifying Cognitive and Affective Markers within an Integrative Neuroscience Model of Alzheimer's Dementia. Acta Neuropsychiatrica, 18(6), 339-40. PMID: 27397408 doi: 10.1017/s092427080003249x

124. **Williams LM**, Das P, Liddell B, Boord P, Gordon E (2006). Connectivity in Temporo-Amygdala Networks Determines Level of Awareness for Fear: Evidence from Functional Connectivity and 40Hz Neural Synchrony. NeuroImage, 31 (Supp 1), 70.

125. **Williams LM** (2006). Functional Connectivity Distinguishes Level of Awareness for Emotionally Significant Stimuli: fMRI and Gamma Synchrony in the Healthy Brain and Psychosis. Neuropsychiatric Disease and Treatment, 2, 19.

126. **Williams LM**, Hermens DF, Kohn M, Clarke S, Gordon E (2006). Symposium: ADHD Across the Lifespan: from the Laboratory to the Clinic SY089. Integrating Cognitive and Affective Markers of ADHD. Neuropsychiatric Disease and Treatment, 2, 74.

127. Alexander DM, Gatt JM, Kuan S, Dobson-Stone C, Todd EG, Schofield PR, Gordon E, **Williams LM** (2006). The Neurodevelopmental Effects of Apolipoprotein E alleles on Brain Function. Acta NeuroPsychiatrica, 18(6), 336.

128. Alexander DM, Clark CR, Kohn M, Hermens DF, Clarke S, Keage H, Gordon E, **Williams LM** (2006). Event-Related Travelling Waves as An index of Brain Coordination: Application to Task-Dependent EEG Activity in ADHD. NeuroImage, 31 (Supp1), 105.

129. Boord P, Palmer D, Liddell B, Le Song, Gordon E, **Williams LM** (2006). The "when" and "where" of Perceiving Signals of Threat Versus Non-Threat. NeuroImage, 31 (Supp1), 89.

130. Breakspear M, Rubinov M, Knock S, **Williams LM**, Harris AWF (2006). Graph Analysis of Scalp EEG Data in Schizophrenia Reveals a Random Shift of Nonlinear Network Dynamics. NeuroImage, 31 (Supp1), 125.

131. Brown KJ, Dobson-Stone C, Paul RH, Gordon E, Schofield PR, **Williams LM** (2006). Differential Age Effects Associated with BDNF Polymorphisms in Response to Salient Stimuli: An Integrated ERP/sMRI/fMRI/RT Study. NeuroImage, 31 (Supp1), 165.

132. Das P, Flynn G, Harris AWF, Kemp AH, Liddell B, Whitford T, Peduto A, Gordon E, **Williams LM** (2006). DysFunctions in the Direct and inDirect Thalamo-Amygdala Pathways During Facial Emotion Perception in Schizophrenia: a Functional Connectivity Approach. NeuroImage, 31 (Supp1), 6.

133. Das P, Flynn G, Harris AWF, Kemp AH, Liddell BJ, Whitford TJ, Peduto A, Gordon E, **Williams LM** (2006). Automated and Controlled Processing of Fear Facial Expression Display Dysfunctions in the Amygdale Pathways in Schizophrenia: a Functional Connectivity Approach. Australian & New Zealand Journal of Psychiatry, 40 (Supp 2,) A118-A119.

134. Falconer EM, Seymour K, Bryant R, Felmingham K, Kemp A, **Williams LM** (2006). The Effect of Age and Gender on Motor Response Inhibition-Associated Neural Activation. NeuroImage, 31 (Supp1), 104.

135. Farrow TFD, Whitford TJ, **Williams LM**, Gomes L, Harris AWF (2006). Structural MRI Evidence of Differences between First Episode Bipolar Disorder and First Episode Schizophrenia. Bipolar Disorders, 8 S1, 18 MA: 42.

136. Gatt JM, Kuan S, Dobson-Stone C, Brown KJ, Paul RH, Schofield P, Gordon E, **Williams LM** (2006). Mapping the BDNF Genotype onto Cognitive and Emotional Phenotypes: Integrating EEG, ERPs and MRI. NeuroImage, 31 (Supp1), 165.

137. Kemp AH, Hopkinson P, Das P, Peduto AS, Bryant RA, **Williams LM** (2006).The Impact of Sub-Clinical Depression on the Spatial and Temporal Correlates of Emotion Perception: Evidence from fMRI and ERPs 12th Annual meeting Human Brain Mapping, June 11-5, 2006 Florence, Italy. NeuroImage, 31 (Supp1), 71.

138. Kuan SA, Gatt JM, Dobson-Stone C, Brown KJ, Liddell B, Paul RH, Schofield PR, Gordon E, **Williams LM** (2006) .Neuroimaging Endophenotypes Associated with the COMT Val108/158Met Polymorphism: Implications for Psychiatric Disorders of Emotion. NeuroImage, 31 (Supp1), 165.

139. Liddell BJ, Palmer D, Kemp A, Brown KJ, Das P, Peduto A, Gordon E, **Williams LM** (2006). The Complexity of Nonconscious Emotion Perception: Integrated Evidence from Functional Magnetic Resonance Imaging and Event-Related Potentials. NeuroImage, 31 (Supp1), 69.

140. Palmer DM, Liddell BJ, Gordon E, **Williams LM** (2006). Facial Emotion Processing from Childhood to Adulthood: An Event-Related Potential Study of Maturational Changes. NeuroImage, 31 (Supp1), 88.

141. Whitford TJ, Farrow TFD, Rennie CJ, Grieve SM, Gomes L, Brennan J, **Williams LM**, Harris AWF (2006). Australian and New Zealand Journal of Psychiatry, 40 (2), A122-A123.

142. **Williams LM**, Gatt JM, Kuan S, Dobson-Stone C, Paul RH, Schofield PR, Gordon E (2007). Genotypes and Neural Binding in Negative Affect: The Contribution of Genetic Polymorphisms to 40hz Gamma phase Synchrony. Biological Psychiatry, 61(8), 265S. 856 Suppl. S.

143. Hermens DF, Clarke SD, Kohn MR, Clark CR, Cooper NJ, Keage HAD, Gordon E, Williams LM (2007). A profile of cognitive and brain function markers for diagnostic use in ADHD. Journal of Adolescent Health, 40(2), S11. doi: 10.1016/j.jadohealth.2006.11.034

144. Das P, Flynn G, Harris AWF, Whitford TJ, **Williams LM** (2007). Does Fronto-Limbic Functional Connectivity Predict clinical Outcome in Schizophrenia? Schizophrenia Bulletin, 33(2), 364-365.

145. Whitford TJ, Das P, Flynn G, Harris A, Gordon E, **Williams LM** (2007). Gamma-phase synchrony and greymatter volume: A longitudinal study of first episode schizophrenia. Schizophrenia Bulletin, 33(2), 414.

146. **Williams LM**, Whitford T, Boord P, Alexander D, Das P, Wong W, Gordon E, Harris AW (2007). Too much or too little? High-frequency neural synchrony in first episode schizophrenia. Schizophrenia Bulletin, 33(2), 549.

147. Leuchter BD, Schofield PR, **Williams LM** et al (2007). Disturbances in Task-Relevant Information Processing Associated with the Brain-Derived Neurotrophic Factor Val66Met Polymorphism: Evidence from Cognition, the P300 Endophenotype and Neuroimaging. Neurology, 68(12), A402. Suppl. 1.

148. **Williams LM**, Whitford TJ, Flynn G, Wong W, Liddell BJ, Silverstein S Harris AWF, Gordon E (2007). General and social Cognition in first episode Schizophrenia: Identification of Separable Factors and Prediction of Functional Outcome Using the IntegNeuro™ test Battery. Abstracts for The Royal Australian and New Zealand College of Psychiatrists Joint CINP/ASPR Scient. Australian and New Zealand Journal of Psychiatry.

149. Gatt JM, Nemeroff CB, Dobson-Stone C, Kuan SA, Paul RH, Bryant RA, Schofield PR, Gordon E, **Williams LM** (2008). The Impact of Gene-Environment Interactions on Neural Pathways in Risk for Syndromal Depression and Anxiety. NeuroImage.

150. **Williams LM**, Gatt JM, Dobson-Stone C, Paul R, Schofield PR, Gordon E (2008). Neuroimaging Endophenotypes for Emotion Perception? Variation with COMT Val108/158Met Genotypes and Level of Awareness. NeuroImage.

151. Harris AWF, Brown KJ, Brennan J, **Williams LM** (2009). Evidence for Neurodegeneration: Further Reduction in P300 Amplitude Observed over 3 Year Follow-up in First Episode Schizophrenia. Schizophrenia Bulletin 35, 57 Suppl 1.

152. Starling J, Harris A, **Williams LM** et al (2009). Clinical and Cognitive Features of Early Onset Psychosis: Pilot Data from An Early Psychosis Study. Schizophrenia Bulletin 35 (Suppl), 44.

153. Harris A, Prasad K, Brown K, Flynn G, Felmingham K, **Williams LM** (2010). The Contribution Of Anxiety To fMRI in First Episode Schizophrenia. Schizophrenia Research, 117(2-3), 239-239. Special Issue: SI.

154. Felmingham K, Allen A, **Williams LM**, Bryant RA (2010). Neural Responses to Happy and Fearful Facial Expressions Predict Differential Responses to Exposure Therapy in PTSD. International Society for Traumatic Stress Studies (ISTSS) 26th Annual Meeting, 53.

155. Nagi M, Huby A, Harris A, **Williams LM** (2010). Gammy synchrony and emotion: a specific marker for first episode schizophrenia versus major depressive disorder? 11th Australasian Schizophrenia Conference, Sydney, Australia, September 22-24. Australian and New Zealand Journal of Psychiatry, 44 (Suppl.1), A20-42. doi: 10.3109/00048674.2010.507064

156. Galletly C, Silverstein S, Huby A, **Williams LM**, Harris A (2010). Cognition in recent onset schizophrenia. 11th Australasian Schizophrenia Conference, Sydney, Australia, September 22-24. Australian and New Zealand Journal of Psychiatry, 44 (Suppl.1), A20-42. doi: 10.3109/00048674.2010.507064

157. Starling J, Hainsworth C, Harris A, Nagy M, **Williams LM** (2010). General and emotional cognition in very early onset psychosis. 11th Australasian Schizophrenia Conference, Sydney, Australia, September 22-24. Australian and New Zealand Journal of Psychiatry, 44 (Suppl.1), A20-42. doi: 10.3109/00048674.2010.507064

158. Harris A, Starling J, Nagy M, Huby A, **Williams LM** (2010). Association of gamma synchrony with neurocognitive deficits across two cohorts of subjects with early onset schizophrenia. 11th Australasian Schizophrenia Conference, Sydney, Australia, September 22-24. Australian and New Zealand Journal of Psychiatry, 44 (Suppl.1), A20-42. doi: 10.3109/00048674.2010.507064

159. Brennan A, Harris A, **Williams LM**, Galletly C, Silverstein S, Starling J, Nagy M (2011). Schizophrenia as a Disorder of "Neural Integration". Linking Brain Synchrony, Cognition, Emotion and Clinical Profile. Australian and New Zealand Journal of Psychiatry, 45 (Supp 1), A5.

160. **Williams LM**, Rush AJ, Koslow S, Wisniewski S, Cooper N, Nemeroff C, Schatzberg A, Gordon E (2011). Identifying Gene, Brain, Cognition And Emotion Markers For Response To Antidepressants: The iSPOT-D Trial. Biological Psychiatry, 69(9), 135S-135S. Meeting Abstract: 454. Suppl.

161. **Williams LM,** Brennan A, Harris AWF (2011). Neural Circuitry and Social Cognition in First Onset Schizophrenia. Biological Psychiatry, 69(9), 240S-241S. Meeting Abstract: 803. Suppl.

162. Harris AWF, Starling J, Galletley C, Huby A, **Williams LM** (2011). Gamma Synchrony in First Episode Schizophrenia: Association with Symptomatology and Neurocognitive Deficits. Schizophrenia Bulletin 37 (Supp 1), 35-3.

163. Watters AJ, Harvey KC, **Williams LM** (2012). Emotion Biases and Familial Risk for Depression. Biological Psychiatry, 71(8), 79S-80S.

164. **Williams LM** (2012). Emotion in First Onset Schizophrenia; Integrating Behaviour, Physiology and Imaging. 67th Annual Scientific Convention, Society of Biological Psychiatry, May 3-5, 2012, Philadelphia, PA. Biological Psychiatry, 71 (8S), 232S. Meeting Abstract: 732.

165. **Williams LM** (2012). Negative Emotion Biases; What's Common and What's not Across Measures and Dimensions of Depression and Anxiety. 67th Annual Scientific Convention, Society of Biological Psychiatry, May 3-5, 2012, Philadelphia, PA. Biological Psychiatry, 71 (8S), 245S. Meeting Abstract: 778.

166. Gatt JM, Korgaonkar MS, Schofield PR, Harris AWF, Clark R, **Williams LM** (2012). Identifying Risk and Resilience Gene-Brain Markers of Emotional Wellbeing: The TWIN-E Project. 67th Annual Scientific Convention, Society of Biological Psychiatry, May 3-5, 2012, Philadelphia, PA. Biological Psychiatry, 71 (8S), 14S. Meeting Abstract: 50.

167. Watters AJ, Korgaonkar MS, **Williams LM** (2012). Emotion Markers of Risk for Depression, 67th Annual Scientific Convention, Society of Biological Psychiatry, May 3-5, 2012, Philadelphia, PA. Biological Psychiatry, 71 (8S), 79-80S. Meeting Abstract: 256.

168. Tsang TW, Kohn MR, Clarke SD, **Williams LM** (2012). Cognition and Emotion in Child and Adolescent ADHD. 67th Annual Scientific Convention, Society of Biological Psychiatry, May 3-5, 2012, Philadelphia, PA. Biological Psychiatry, 71 (8S), 74S. Meeting Abstract: 239.

169. Brennan AM, Harris AWF, **Williams LM** (2012). Neural Correlates of Emotion Processing in Psychosis Provide Evidence for Very Early Disruptions to Emotional Brain Circuitry. 67th Annual Scientific Convention, Society of Biological Psychiatry, May 3-5, 2012, Philadelphia, PA. Biological Psychiatry, 71 (8S), 98S. Meeting Abstract: 316.

170. Korgaonkar MS, Grieve SM, Etkin A, Foster S, Gomes L, Song Y, Armstrong L, Boyce P, Usherwood T, Harris AWF, Koslow SH, **Williams LM** (2012). Magnetic Resonance Imaging of Major Depressive Disorder (MDD): First planned outcomes from the International Study to Predict Optimized Treatment for Depression (iSPOT-D). 67th Annual Scientific Convention, Society of Biological Psychiatry, May 3-5, 2012, Philadelphia, PA. Biological Psychiatry, 71 (8S), 210S. Meeting Abstract: 659.

171. Song YJC, Armstrong L, Korgaonkar M, Grieve S, Etkin A, Boyce P, Usherwood T, Harris AWF, **Williams LM** (2012). Prefrontal Dysfunction in Depression using Standardized fMRI Protocols: First Wave of Results from the iSPOT-D Study. 67th Annual Scientific Convention, Society of Biological Psychiatry, May 3-5, 2012, Philadelphia, PA. Biological Psychiatry, 71 (8S), 196S. Meeting Abstract: 614.

172. Rush A, **Williams LM**, Koslow SH, Wisniewski SR, Cooper NJ, Nemeroff CB, Schatzberg AF, Gordon E (2012). The international study to predict optimized treatment in depression: Rationale, design and initial findings (O-48). European Psychiatry, 27(S1), 1.

173. Tsang TW, Kohn MR, Clarke SD, Clark R, Efron D, **Williams LM** (2013). Predictors of response to Atomoxetine in ADHD: the relationship of inhibition and comorbid anxiety with change in ADHD-RS IV. F1000Research, 4. 68th Society of Biological Psychiatry Annual Meeting, June.

174. Boyce P, Korgaonkar M, Grieve S, Song Y, Armstrong L, Usherwood T, **Williams LM**, Harris AWF (2012). Prediction of antidepressant response in the iSPOT-D trial: fMRI preliminary findings. European Neuropsychopharmacology, 22, S258.

175. Harris AWF, Boyce P, Rekshan W, Song Y, Armstrong L, **Williams LM**, Rush AJ (2013). Does personality predict outcome in major depression? Biological Psychiatry, 73(9), 159S.

176. Tsang TW, Kohn MR, Clarke SD, **Williams LM** (2013). Cognitive and Emotion Predictors of Response to Atomoxetine in Children and Adolescents with Attention Deficit Hyperactivity Disorder, with and without Comorbid Anxiety. Biological Psychiatry, 73(9), 47S.

177. **Williams LM** (2013). Imaging Emotion Circuits as Predictors of Treatment Outcomes in the ISPOT-D Study of Major Depression. Biological Psychiatry, 73(9), 139S.

178. Oakley K, Williams L, Gatt JM (2013). Unravelling the connection between anxiety and depression. Australian and New Zealand Journal of Psychiatry, 47 (S1), 76.

179. Barkl SJ, Suncica L, Harris AW, **Williams LM** (2013). Facial emotion identification in early-onset and first-episode psychosis: A systematic review with meta-analysis, 153, S294.

180. Schofield PR, Fullerton JM, Gatt JM, **Williams LM**, Mitchell PB (2013). Genetic approaches to understanding the etiology of mood disorders. Journal of Molecular Neuroscience, 51(Supp 1), S107.

181. Myers AJ, **Williams LM**, Gatt JM, McAuley-Clark E, Dobson-Stone C, Schofield P, Nemeroff CB (2014). Variation In The Oxytocin Receptor Gene Is Associated With Increased Anxiety In Individuals With A History Of Exposure To Early Life Stress. 50th ACNP Annual Meeting.

182. Watters AJ, Harris AWF, **Williams LM** (2014). Electrocortical reactivity to emotional faces distinguishes first degree relatives of individuals with major depression. International Journal of Psychophysiology, 94(2), 172. doi: 10.1016/j.ijpsycho.2014.08.738

183. Harris A, Brennan A, Starling J, Galletley C, **Williams LM** (2014). Gamma synchrony elevation in first episode psychosis. Early Intervention in Psychiatry, 8, 101.

184. Starling J, **Williams LM**, Brennan A, Hainsworth C, Harris AW (2014). Gamma synchrony changes in children and adolescents with early onset psychosis. Early Intervention in Psychiatry, 8, 101.

185. Watters AJ, Korgaonkar MS, Carpenter JS, **Williams LM** (2014). Familial Risk for Depression is Distinguished by Amygdala-Pregenual ACC Hyper-activation for Subliminal Emotion and Dorsal Prefrontal Hypoactivation for Working Memory. Biological Psychiatry, 75(9), 170S.

186. **Williams LM**, Korgaonkar M, Paton R, Grieve S, Etkin A (2014). Amygdala Activation to Subliminal Sad and Happy Faces is a General and Specific Predictor of Acute Treatment Outcomes in Major Depressive Disorder. Biological Psychiatry, 75(9), 234S.

187. **Williams LM** (2014). Neural Dimensions of Threat Reactivity and Regulation for Understanding Negative Mood and Anxiety States: Evidence From Imaging, Physiology and Behavior. Biological Psychiatry, 75(9), 300S. (symposium abstract).

188. Korgaonkar MS, Fornito A, **Williams LM**, Grieve SM (2014). Abnormal Structural Brain Networks in Major Depressive Disorder: A Connectome Analysis. Biological Psychiatry, 75(9), 17S.

189. Schatzberg A, DeBattista C, Etkin A, **Williams LM** (2014). ABCB1 Genetic Variants and Neurocognitive Function Predict Antidepressant Outcomes. Neuropsychopharmacology, 39, S521-S522.

190. Goldstein-Piekarski A, Schatzberg Al, Korgaonkar M, Grieve S, Etkin A, **Williams LM** (2015). Corticotrophin-releasing Hormone Genotype Interacts with Pre- treatment Anxiety Status and Amygdala Reactivity to Predict Treatment Outcomes in Major Depressive Disorder. Neuropsychopharmacology, 39, S249.

191. Gatt JM, Routledge K, Korgaonkar MS, Grieve SM, Clark CR, Schofield PR, **Williams LM** (2015). Wellbeing and Resilience in the Healthy Twin Brain. Biological Psychiatry. 77, 9.

192. **Williams LM** (2015). rs110402 Variation Mediates Neural Activation to Emotional Faces and Response to Treatment. Biological Psychiatry. 77, 9.

193. Korgaonkar MS, Rekshan W, Gordon E, Rush AJ, **Williams LM**, Blasey C, Grieve SM (2015). Pre-treatment Brain MRI Measures to Identify Individuals Who Will and Will Not Remit During Acute Phase Treatment With Anti-depressant Medications-Results From the iSPOT-D Study. Biological Psychiatry, 77(9), 32S.

194. Goldstein-Piekarski AN, Yesavage J, Schatzberg A, Etkin A, O'Hara R, Suppes T, Korgaonkar M, **Williams LM** (2015). Personalizing the Treatment of Depression: Emotional Reactivity and Early Life Stress Predict Antidepressant Outcomes. Biological Psychiatry, 77, 9.

195. Kohn MR, Griffiths KR, Clarke S, Tsang TW, Hermens DF, Efron D, Clarke R, Lamb C, Deloughery M, **Williams LM** (2015). Pharmacological Mediation of Cognition in Children and Adolescents Presenting with Cross-disorder Symptoms of ADHD and Anxiety. Biological Psychiatry, 77, 9.

196. Saad J, Kohn M, Griffiths K, Clarke S, Williams LM, Korgaonkar MS (2016). Do Structural Abnormalities Underpin the Noradrenergic Hypothesis in ADHD? Biological Psychiatry, 79(9), S112.

197. Griffiths KR, Grieve SM, Kohn MR, Clarke S, **Williams LM** (2016). Altered Gray Matter Organization in Children and Adolescents With ADHD: A Connectome Study. Biological Psychiatry, 79(9), S116.

198. **Williams LM** (2016). Emotional Reactivity and Regulation in Probands with Mood and Anxiety Disorders and Their Relatives: Implications for Treatment and Disease Risk. Biological Psychiatry, 79(9), S295.

199. Goldstein-Piekarski AN, Greer S, Saletin JM, **Williams LM,** Walker MP (2016). "Brain morphology determines female-specific vulnerability to the anxiogenic impact of sleep loss." Biological Psychiatry, 79(9), S409.

200. Staveland BR, Goldstein-Piekarski AN, Korgaonkar MS, **Williams LM** (2016). "Should we ignore the motion in emotion? Examining associations between head movement during an fMRI scan and anxiety and depression symptoms." Society of Biological Psychiatry (SOBP), May 2016.

201. Vanden Bussche AB, Padula CB, Maslowski KT, Haug NA, **Williams LM** (2016). Assessing the impact of PTSD on executive functions in individuals with alcohol use disorder. Alcoholism-Clinical and Experimental Research, 40, 185A (Research Society on Alcoholism, New Orleans, June 2016).

202. Padula CB, Leong JK, Bussche AB, Maslowski KT, Knutson B, **Williams LM** (2016). White-matter tract connecting anterior insula to nucleus accumbens correlates with emotion task reaction time in veterans with alcohol use disorder. Alcoholism-Clinical and Experimental Research, 40, 219A (Research Society on Alcoholism, New Orleans, June 2016).

203. Vanden Bussche AB, Padula CB, Haug NA, Grisanzio K, Chowdhry N, **Williams LM** (2016). Assessing the Impact of Trauma on Hot and Cold Executive Functions Independent of Diagnosis. (INS 44th Annual Meeting, Boston, MA)

204. Harris AWF, Brennan AM, Korgaonkar MS, **Williams LM** (2016). Functional connectivity in first episode schizophrenia and its relationship to attention task performance, symptoms and functioning. Early Intervention in Psychiatry 10, 170.

205. **Williams LM** (symposium presentation ISPNE). CRH genotypes moderate neural circuits, cognitive emotional function and response to antidepressants. Psychoneuroendocrinology 71, 10.

206. Goldstein-Piekarski AN, Staveland B, Korgaonkar MS, **Williams LM** (2016). Resting state functional connectivity is a differential predictor of treatment outcomes in major depressive disorder, Neuropsychopharmacology 40, S336-S337 (from 55th ACNP Annual Meeting, December).

207. Ball T, Goldstein-Piekarski AN, Gatt J, Fornito A, **Williams LM** (2016). Functional Connectivity in the Default Mode Network: Establishing Reproducibility and Individual Norms. Neuropsychopharmacology, 41, S299-S300.

208. Goldstein-Piekarski AN, Korgaonkar MS, Green E, Suppes T, Schatzberg A, Hastie T, Nemeroff C, **Williams LM** (2016). Human Amygdala Engagement Moderated by Early Life Stress Exposure is a Biobehavioral Target for Predicting Recovery on Antidepressants. Neuropsychopharmacology, 41, S373.

209. Samara Z, Goldstein-Piekarski AN, Suppes T, Yesavage J, **Williams LM** (2016). Resting-State Functional Connectivity Dysfunction in Anhedonia as a Transdiagnostic Process: An RDoC Investigation. Neuropsychopharmacology, 41, S503.

210. Ma J, Rosas LG, Snowden M, Wandell B, Bailenson J, Greenleaf W, Dagum P, Lavori P, Suppes T, Lewis M, Smyth J, **Williams LM** (2017). Mechanistic self-regulation targets in integrated behavior

therapy for obese and depressed adults: Rainbow-engage study. Annals of Behavioral Medicine, 51, S1596-S1597.

211. Goldstein-Piekarski A, Ball T, Samara Z, Yesavage Y, Schatzberg A, Korgaonkar M, **Williams LM** (2017). Clustering by Salience Network Activation to Emotional Faces Identifies a Transdiagnostic Subtype that is Associated with Specific Interoceptive Related Symptoms. Biological Psychiatry, 81(10), S133-S134.

212. Samara Z, Goldstein-Piekarski A, Suppes T, Yesavage J, **Williams LM** (2017). Resting-State Functional Connectivity Dysfunction of the Ventral Striatum in Anhedonia as a Transdiagnostic Process. Biological Psychiatry, 81(10), S192-S193.

213. Korgaonkar M, Goldstein-Piekarski A, Fornito A, **Williams LM** (2017). Functional Connectome Networks Underlying Outcomes of Antidepressant Medication in Major Depressive Disorders. Biological Psychiatry, 81(10), S104.

214. Shilyansky C, **Williams LM**, Gyurak A, Harris A, Usherwood T, Etkin A (2017). Effect of Antidepressant Treatment on Cognitive Impairments Associated with Depression: A Randomized Longitudinal Study. Biological Psychiatry, 81(10), S215.

215. Griffiths K, Kohn M, Clarke S, **Williams LM**, Korgaonkar M. (2017). Structural Networks Characterize Methylphenidate Treatment Response in ADHD. Biological Psychiatry, 81(10), S101-S102.

216. Crittenden P, Grisanzio K, Goldstein-Piekarski A, Ball, TM, Haug N, **Williams LM** (2017). The Effects of Cannabis and Anxiety on Neurocognitive Functioning. Archives of Clinical Neuropsychology, 32(6), 667-765 (Society for Clinical Neuropsychology conference).

217. Leikauf J, Sacchet MD, Griffiths K, Kohn MR, **Williams LM** (2017). Individual cognitive subtype status can be predicted in youth with Attention Deficit/Hyperactivity Disorder (ADHD). Journal of the American Academy of Child and Adolescent Psychiatry, 56(10), S285.

218. Williams N, Sudheimer K, Stimpson K, Duvio D, Chung C, DeSouza D, Jo B, **Williams LM**, Yeomans, Spiegel D (2017). Modulation of the Neural Circuitry Underlying Trait Hypnotizability With Spaced Continuous Theta-Burst Stimulation. Neuropsychopharmacology, 42, S508-S509.

219. Samara Z, Ball T, Goldstein-Piekarski AN, Grisanzio KA, Correa C, **Williams LM** (2017). An Approach to Profiling Mood and Anxiety Disorders Based on functional Brain Circuits, Behavior and Symptoms. Neuropsychopharmacology, 43, S368.

220. Sacchet M, Pines A, Kullar M, Ma J, **Williams LM** (2017). Emotion Regulation, Brain Structural Connectivity, and Affective Behavior in Comorbid Major Depressive Disorder and Obesity. Neuropsychopharmacology, 43, S312-S313.

221. Grisanzio KA, Goldstein-Piekarski AN, Wang M, Ahmed AR, Samara Z, **Williams LM** (2017). Clustering Identifies Symptom-Brain-Behavior Subtypes That Cut Across Mood, Anxiety and Trauma Disorders. Neuropsychopharmacology, 43, S371-S372.

222. Rauch AA, **Williams LM**, Davis B, Padula CB (2018). Convergent validation of a computerized neurocognitive assessment battery to standard measures in veterans with alcohol use disorder. Alcoholism-Clinical and Experimental Research, 42, 63A.

223. Padula CB, Lulla R, Rauch A, **Williams LM** (2018). Multimethod correlated of relapse in treatment seeking veterans with AUD. Alcoholism-Clinical and Experimental Research, 42, 190A.

224. Harris A, Brennan A, **Williams LM** (2018). Gamma synchrony is dysfunctional during cognitive processing in first onset schizophrenia. Schizophrenia Bulletin, 44(Supp 1), S192. doi: 10.1093/schbul/sby016.471

225. Williams LM (2018). Integrating Brain-Behavior Data to Identify Clinically Meaningful Biotypes for Depression and Anxiety. Biological Psychiatry, 83(9), S88-S89. doi: 10.1016/j.biopsych.2018.02.240

226. Braund T, Palmer D, **Williams LM**, Etkin A, Harris A (2018). Cognitive and Emotional Biomarkers of Anxious Major Depressive Disorder: An iSPOT-D Report. Biological Psychiatry, 83(9), S126. doi: 10.1016/j.biopsych.2018.02.330

227. Saad J, Griffiths K, Kohn M, Clarke S, **Williams LM**, Korgaonkar MS (2018). Does White Matter Microstructural Integrity Differ in the Combined and Inattentive Subtypes of ADHD? A Diffusion Tensor Imaging Study. Biological Psychiatry, 83(9), S151. doi: 10.1016/j.biopsych.2018.02.395

228. Keller A, Korgaonkar M, **Williams LM** (2018). Feature-Based Selective Attention as a Biomarker of Impaired Cognition in Depression. Biological Psychiatry, 83(9), S281-S282. doi: 10.1016/j.biopsych.2018.02.727

229. Samara Z, Ball T, Goldstein-Piekarski A, Grisanzio K, Correa C, **Williams LM** (2018). Developing a Standardized Taxonomy of Circuit Dysfunction Related to Phenotypes of Mood and Anxiety Disorder. Biological Psychiatry, 83(9), S377. doi: 10.1016/j.biopsych.2018.02.969

230. Breukelaar I, Erlinger M, Harris A, Boyce P, Malhi GS, Hazell P, Grieve S, Antes C, Foster S, Gomes L, **Williams LM**, Korgaonkar MS (2018). Differences in Cognitive Control Brain Activation Between Euthymic Bipolar and Remitted Unipolar Depressed Individuals. Biological Psychiatry, 83(9), S395-S396. doi: 10.1016/j.biopsych.2018.02.1015

231. Korgaonkar M, Erlinger M, Breukelaar I, Boyce P, Hazell P, Antes C, Foster S, Grieve S, Gomes L, Williams LM, Harris A, Malhi GS (2018). Neural Differences Between Euthymic Bipolar and Remitted Unipolar Depressed Individuals: An fMRI Study of Emotion Processing. Biological Psychiatry, 83(9), S399-S400. doi: 10.1016/j.biopsych.2018.02.1025

232. Korgaonkar M, Chakouch C, Erlinger M, Breukelaar I, Boyce P, Hazell P, **Williams LM**, Malhi G, Harris A (2019). Intrinsic Brain Functional Connectomes in Bipolar Disorder. Biological Psychiatry, 85(10), S258-S259. doi: 10.1016/j.biopsych.2019.03.654

233. Goldstein A, Tozzi L, Sudheimer K, Schatzberg A, **Williams LM** (2019)**.** Functional Impacts of Acute Stress on Negative Affective Circuit Function in Anxiety and Depression. Biological Psychiatry, 85 (10), S134. doi: 10.1016/j.biopsych.2019.03.336

234. Cai W, Griffiths K, Korgaonkar M, **Williams LM**, Menon V (2019). Task-Evoked Effective Connectivity in Salience and Central Executive Networks Predicts Cognitive Control Ability and Inattention Symptoms in Children With ADHD. Biological Psychiatry, 85(10), S234-S235. doi: 10.1016/j.biopsych.2019.03.593

235. Tozzi L, Fleming S, Raterink C, Taylor Z, **Williams LM** (2019). Counts of Small Subgraphs Within the Resting Functional Connectome are Parsimonious, Stable and Individualized Features in Healthy as Well as Disordered Mood. Biological Psychiatry, 85(10), S251. doi: 10.1016/j.biopsych.2019.03.635

236. Young C, Harati S, Ball T, **Williams LM** (2019). Using Machine Learning to Characterize Circuit-Based Subtypes in Mood and Anxiety Disorders. Biological Psychiatry, 85(10), S310. doi: 10.1016/j.biopsych.2019.03.786

237. Barreiros AR, Breuklaar I, Antees C, Boyce P, Hazel P, **Williams LM** (2019). Electrophysiological Differences Between Individuals With Remitted Bipolar Disorder and Major Depression Compared to Healthy Controls. Biological Psychiatry, 85(10), S343. doi: 10.1016/j.biopsych.2019.03.870

238. Leikauf JE, Bueno AN, Correa C, Sempere VP, **Williams LM** (2019). Apple Watch Pilot For Youth With ADHD. Journal of the American Academy of Child & Adolescent Psychiatry, 58(10), S289-290. doi: 10.1016/j.jaac.2019.08.450

239. Rauch A, **Williams LM**, Dwyer C, Nguyen LC, Padula C (2019). Neurophysiological Correlates of Reward Anticipation and Anhedonia in Veterans With Alcohol Use Disorder. Psychophysiology, 56, S119-S119.

240. Keller AS, Qiu S, Li J, **Williams LM** (2019). Modeling attention impairments in major depression. 2019 Conference on Cognitive Computational Neuroscience, Berlin, Germany, September. doi: 10.32470/CCN.2019.1325-0

241. Goldstein-Piekarski A, Wielgosz J, Stetz P, Xiao L, Ma J, **Williams LM** (2019). Amygdala Activity to Threat Mediates Depression Outcomes of Integrated Collaborative Care for Comorbid Depression and Obesity. 58th ACNP Annual Meeting, December.

242. Ball T*, Miri P, **Williams LM** (2019). Using the Neuroscience of Fear Extinction for Anxiety Reduction: Study Design, Aims, and Preliminary Data. 58th ACNP Annual Meeting, December.

243. Wielgosz J*, Goldstein-Piekarski A, Stetz P, Xiao L, Ma J, **Williams LM** (2019). Anterior Insula Sensitivity to Negative Stimuli is Associated With Adaptive Changes in Problem-Solving Style During Integrated Collaborative Care for Comorbid Depression and Obesity. 58th ACNP Annual Meeting, December.

244. Jamshidi J, Montalto A, Chilver M, Toma C, Schofield P, **Williams LM**, Fullerton J, Gatt J (2019). Genetic factors influencing quantitative measures of subjective and psychological wellbeing using the COMPAS-W scale in a healthy Australian twin cohort. Behavior Genetics, 49(6), 511.

245. Gatt J, Chilver M, Jamshidi J, Montalto A, Schofield P, **Williams LM** (2019). Neuropsychophysiological correlates of wellbeing using a twin design. Behavior Genetics, 49(6), 509-510.

246. Rauch A, **Williams LM**, Dwyer C, Nguyen L-C, Padula C (2019). Neurophysiological correlates of reward anticipation and anhedonia in veterans with alcohol use disorder. Psychophysiology, 56, S119.

247. Livermore E, **Williams LM** (2020). Readiness to Change as a Predictor of Outcome in a Self-Guided Computer-Assisted CBT Program for Depression and Anxiety. ADAA Annual Conference, March.

248. Lv N, Xiao L, Rosas LG, Venditti EM, Snowden MB, Lewis MA, **Williams LM**, Smyth JM, Ajilore O, Gerber B, Ma J (2020). Sex Moderates Treatment Effects in Integrated Behavior Therapy for Comorbid Obesity and Depression. Circulation (AHA Journal), 141 (Supp 1), AP222. doi: 10.1161/circ.141.suppl_1.P222

249. Ma J, Lv N, Xiao L, Rosas LG, Venditti EM, Snowden MB, Lewis MA, **Williams LM**, Smyth JM, Ajilore O, Gerber B (2020). Reduced Nonconscious Reactivity to Threat in Amygdala Mediates Physical Activity and Energy Expenditure in Integrated Behavior Therapy for Adults With Obesity and Comorbid Depression. Circulation (AHA Journal), 141 (Supp 1), AP223. doi: 10.1161/circ.141.suppl_1.P223

250. Keller A, Holt-Gosselin B, Ling R, **Williams LM** (2020). Beyond "concentration difficulties": probing attention impairments in depression and anxiety across multiple units of analysis. Biological Psychiatry, 87(9), S124. doi: 10.1016/j.biopsych.2020.02.336

251. Wielgosz J, Goldstein-Piekarski A, Stetz P, Xiao L, Lv N, Suppes T, Lavori P, Ma J, **Williams LM** (2020). Altered anterior insula function precedes improved problem solving in a mechanistic treatment trial for depression. Biological Psychiatry, 87(9), S248-S249. doi: 10.1016/j.biopsych.2020.02.643

252. Holt-Gosselin B, Fischer A, Fleming S, Hack L, Ball T, Schatzberg A, **Williams LM** (2020). Functional connectivity of reward circuitry is a core mechanistic biomarker of treatment response and quality of life in depression. Biological Psychiatry, 87(9), S396-S397. doi: 10.1016/j.biopsych.2020.02.1014

253. Tozzi L, Holt-Gosselin B, Chesnut M, Whicker CL, Hartley J, **Williams LM** (2020). Clustering of Disordered Emotional States Across Research Domain Criteria Units of Analysis. Biological Psychiatry, 87(9), S373. doi: 10.1016/j.biopsych.2020.02.955

254. Hack LM, Keller A, Whicker CL, **Williams LM** (2020). Mechanistic Trial Evaluating the Effect of Repetitive Transcranial Magnetic Stimulation on RDoC Constructs in Treatment-Resistant Depression. Biological Psychiatry, 87(9), S412-S413. doi: 10.1016/j.biopsych.2020.02.1053

255. Hack L, Keller AS, Warthen KG, Whicker CL, **Williams LM** (2020). The Effect of Selective D3 Agonism on Anhedonia Symptoms and Reward Neurocircuitry in Subjects With MDD and Prominent Anhedonia. 59th ACNP Annual Meeting, December. Neuropsychopharmacology, 45 (Suppl.1), 96-97.

256. Fischer A, Holt-Gosselin B, Fleming S, Hack L, Ball T, Schatzberg A, **Williams LM** (2020). Symptoms and Quality of Life in Depression: Characterizing Differential Profiles of Intrinsic Reward Circuit Connectivity Underlying Antidepressant Treatment Response. 59th ACNP Annual Meeting, December. Neuropsychopharmacology, 45 (Suppl.1), 312-312.

257. Keller A, Holt-Gosselin B, Ling R, **Williams LM** (2020). Unpacking "Concentration Difficulties": Early Life Stress Mediates the Association Between Anxiety and Impairments of Selective and Divided Attention With Specific Neural Circuit and Neurophysiological Correlates. 59th ACNP Annual Meeting, December. Neuropsychopharmacology, 45 (Suppl.1), 379-379.

258. **Williams LM**, Blanco C, Kaczkurkin A, Kotov R, Brueger B (2020). New nosological approaches: competing or complementary. 59th ACNP Annual Meeting, December. Neuropsychopharmacology, 45 (Suppl.1), 67-67.

259. Holt-Gosselin B, Keller A, Chesnut M, **Williams LM** (2021). Default Mode Network Moderates the Relationship Between Lifestyle Changes and Natural Improvements in Clinical Symptoms Over Time in Untreated Participants. Biological Psychiatry, 89(9), S111. doi: 10.1016/j.biopsych.2021.02.287

260. Chilver M, Keller AS, Park H, Jamshidi J, Montalto A, Schofield P, Clark R, Harmon-Jones E, **Williams LM**, Gatt J (2021). Distinct Electrophysiological Markers of Mental Wellbeing and Mental Illness Symptoms in 422 Healthy Adults. Biological Psychiatry, 89(9), S163-S164. doi: 10.1016/j.biopsych.2021.02.419

261. Montalto A, Park HRP, **Williams LM**, Korgaonkar MS, Chilver MR, Jamshidi J, Schofield P, Gatt JM (2021). Negative Association Between the Bilateral Anterior Insula and Resilience During a Continuous Performance Task: An fMRI Twin Study. Biological Psychiatry, 89(9), S175-S176. doi: 10.1016/j.biopsych.2021.02.448

262. Zhang X, Stetz P, Goldstein-Piekarski AN, Xiao L, Lv N, Rosas LG, Lavori PW, Snowden MB, Venditti EM, Simmons JM, Smyth JM, Suppes T, Lewis MA, Ajilore O, Ma J, **Williams LM** (2021). Activation of Cognitive Control Network During Inhibition Processing Dynamically Predicts Symptom Outcomes for Depression: A 24-month Longitudinal Study. Biological Psychiatry, 89(9), S98. doi: 10.1016/j.biopsych.2021.02.255

263. Keller A, Li J, Qiu S, Berwian JM, Huys Q, **Williams LM** (2021). Nevertheless, She Persisted: Reward Responsivity and Effort Expenditure Contribute to Persistence on a Difficult Cognitive Task in Individuals with Mood and Anxiety Symptoms, With Identifiable Neural Correlates. Biological Psychiatry, 89(9), S336-S337. doi: 10.1016/j.biopsych.2021.02.840

264. Hack LM, Zhang X, **Williams LM** (2021). Striato-Cortical Neuroimaging Markers in the Reward Network Distinguish Melancholic Depression and Response to Treatment: An iSPOT-D Report. Biological Psychiatry, 89(9), S270. doi: 10.1016/j.biopsych.2021.02.676

265. Hagerty SL, Durazzo TC, **Williams LM**, Padula CB (2021). The Role of Neural Reward Expectancy and Valuation in Readiness to Change Among Treatment Seeking Veterans With Alcohol Use Disorder (AUD). Biological Psychiatry, 89(9), S342. doi: 10.1016/j.biopsych.2021.02.853

266. Gatt J, Chilver M, Champaign-Klassen E, Park H, Jamshidi J, Montalto A, Schofield P, **Williams LM** (2021). Predictors of Wellbeing and Wellbeing Change over a 12-Month Period in 1327 Twins). Biological Psychiatry, 89(9), S315-S316. doi: 10.1016/j.biopsych.2021.02.787

267. Hagerty SL, Durazzo TC, Williams LM, Padula CB (2021). The role of neural reward expectancy and valuation in readiness to change among treatment seeking veterans with alcohol use disorder: implications for treatment. Alcoholism – Clinical and Experimental Research, 45 (S1), P137, Special Issue: 44th Annual Speaker & Poster Abstracts of the Research Society on Alcoholism jointly with the International Society for Biomedical Research on Alcoholism, June 2021. doi: 10.1111/acer.14628

268. Padula CB, Durazzo TC, MacNiven K, Dwier C, Nguyen L-C, Weitlauf JC, Humphreys K, **Williams LM** (2021). Functional neuroimaging Markers of reward, cue reactivity, and negative emotionality improve the prediction of treatment outcomes in AUD. Alcoholism – Clinical and Experimental Research, 45 (S1), S259, Special Issue: 44th Annual Speaker & Poster Abstracts of the Research Society on Alcoholism jointly with the International Society for Biomedical Research on Alcoholism, June 2021. doi: 10.1111/acer.14617

269. Zhang X*, Hack LM*, Warthen KG*, Heifets BD, Suppes T, van Roessel P, Rodriguez CI**, Knutson B**, **Williams LM**** (2021). Acute Ketamine Modulated Functional Brain Coupling and

Dissociative and Affective States in Human Subjects. Stanford University Wu Tsai Neurosciences Institute symposium, October 21. (*Equal first authors, **Equal senior authors.)

270. Hack LM, Brawer J, Zhang X, Wintermark M, Jiang B, Stetz P, Yesavage J, Grant P, Bonilla H, Subramanian A, **Williams LM** (2021). Survivors of SARS-CoV-2 Infection Show Neuropsychiatric Sequelae Measured by Surveys, Neurocognitive Testing, and Magnetic Resonance Imaging: Preliminary Results. Neuropsychopharmacology, 46 (Supple 1), 134-135.

271. Hagerty S, Zhang X, Tozzi L, **Williams LM** (2021). Toward Precision Characterization of Dimensions of Threat Response Pathology in Depression and Anxiety: Testing a Theoretical Model that Integrates Circuits, Symptoms and Quality of Life. Neuropsychopharmacology, 46 (Supple 1), 516-517.

272. Zhang X, Stetz P, Goldstein-Piekarski AN, Xiao L, Lv N, Rosas L, Snowden MB, Smyth JM, Suppes T, Ajilore O, **Williams LM** (2021). Baseline Intrinsic Functional Brain Connectomes Predict Treatment Outcome for Depression Comorbid With Obesity: A Report From the Engage Randomized Controlled Trial. Neuropsychopharmacology, 46 (Supple 1), 281.

273. Kajs B, van Roessel PJ, Davis GL, **Williams LM**, Rodriguez CI, Gunaydin LA (2021). Similar Valence Processing Alterations Associated With Compulsive Behavior in SAPAP3Knockout Mice and Human OCD. Neuropsychopharmacology, 46 (Supple 1), 312.

274. **Williams LM** (2021). Mapping Dimensions of Neural Circuits to Symptoms, Behaviors and Treatments Across Mood and Anxiety Disorders. Neuropsychopharmacology, 46 (Supple 1), 42.

275. Hack LM, Zhang X, Brawer J, Gray N, Heifets B, Suppes T, van Roessel P, Rodriguez C, Knutson B, **Williams LM** (2022). Deconstructing Ketamine-Induced Changes in Cortisol and Dissociative and Affective States in a Controlled Mechanistic Study. Biological Psychiatry, 91(9), S178-S179. doi: 10.1016/j.biopsych.2022.02.460

276. Warthen K, Keller A, **Williams LM** (2022). Reduced stability of dynamic functional connectivity across and within neural circuits is associated with lower effort-related behavioral drive in a transdiagnostic sample of depression and anxiety. Biological Psychiatry, 91(9), S227. doi: 10.1016/j.biopsych.2022.02.582

277. Zhang X, Hack LM, Brawer J, Gray N, Heifets B, Suppes T, van Roessel P, Rodriguez C, Knutson B, **Williams LM** (2022). Acute Ketamine Modulates Cognitive Control Network Activity during Cognitive Inhibition: Evidence from a Mechanistic Trial. Biological Psychiatry, 91(9), S225. doi: 10.1016/j.biopsych.2022.02.577

278. **Williams LM** (2022). Mapping Brain Circuit Function to Symptoms and Behavioral Dimensions of Depression and Anxiety. Biological Psychiatry, 91(9), S52. doi: 10.1016/j.biopsych.2022.02.150

279. Fischer A, Fleming S, Hagan K, Holt-Gosselin B, Schatzberg A, **Williams LM** (2022). Predicting the Likelihood of Remission With Antidepressant Medication in Depression: A Practical Patient Level Machine Learning Approach. Neuropsychopharmacology, 47 (Supple 1), 254-255. Web of Science 000897934700489

280. van Roessel P, Asgari S, Jo B, **Williams LM**, Rodriguez C (2022). Cognitive Control Predicts Alleviation of OCD Symptoms by Ketamine. Neuropsychopharmacology, 47 (Supple 1), 302.

281. Rodriguez C, Chen CM, Glover G, Jo B, Spielman D, **Williams LM**, van Roessel P, DeBattista C, Flood P, Ringold A, Wintermark M, Anderson K, Linkovski O, Lombardi A, Millen A, Pinto A, Raila H, Valentine K, Filippou-Frye M, Hawkins J, McCarthy E, Mukunda P, Varias A, Wilson J, Wright B (2022). Efficacy of Ketamine in Unmedicated Adults With Obsessive-Compulsive Disorder: A Randomized Controlled Trial. Neuropsychopharmacology, 47 (Supple 1), 302-303.

282. **Williams LM** (2023). Plenary Session 2. Precision Therapeutics: From Circuit Biotypes to Personalized Interventions. Biological Psychiatry, 93(9), S25. doi: 10.1016/j.biopsych.2023.02.078

283. Hack L, Tozzi L, Zenteno S, Olmsted A, Hilton R, Yesavage J, Schatzberg A, O'Hara R, **Williams LM** (2023). 9. A Cognitive Biotype of Depression Linking Symptoms, Behavior Measures, Neural Circuits, and Treatment Outcomes. Biological Psychiatry, 93(9), S72-S73. doi: 10.1016/j.biopsych.2023.02.192

284. Rodriguez C, Chen CM, Glover G, Jo B, Spielman D, **Williams LM**, van Roessel P, DeBattista C, Wintermark M, Lombardi A, Pinto A, Valentine K, Filippou-Frye M, Hawkins J, McCarthy E, Mukunda P, Varias A, Wilson J, Wright B (2023). 35. Efficacy of Ketamine in Unmedicated Adults With OCD: A Randomized Controlled Trial. Biological Psychiatry, 93(9), S83. doi: 10.1016/j.biopsych.2023.02.218

285. Zhang X, Hack LM, Heifets B, Suppes T, van Roessel P, Yesavage J, Gray N, Hilton R, Rodriguez C, Deisseroth K, Knutson B, **Williams LM** (2023). 43. Acute Effects of MDMA on Intrinsic Functional Connectomes Associated With Altered States of Consciousness and Defensiveness. Biological Psychiatry, 93(9), S87-S88. doi: 10.1016/j.biopsych.2023.02.226

286. Hack LM, Zhang X, Heifets B, Suppes T, van Roessel P, Yesavage J, Gray N, Hilton R, Rodriguez C, Deisseroth K, Knutson B, **Williams LM** (2023). 44. Acute Effects of MDMA on Negative Affective Brain Circuit Function: A Randomized Controlled Mechanistic Trial. Biological Psychiatry, 93(9), S88. doi: 10.1016/j.biopsych.2023.02.227

287. Pines A, Leikauf J, Keller A, Larsen B, **Williams LM** (2023). 444. Classroom Function is Critical to the Relationship Between the G Factor and P Factor. Biological Psychiatry, 93(9), S274. doi: 10.1016/j.biopsych.2023.02.684.

288. van Roessel P, Asgari S, Jo B, **Williams LM**, Rodriguez C (2023). 538. Cognitive Control Predicts Alleviation of OCD Symptoms by Ketamine. Biological Psychiatry, 93(9), S311-S312. doi: 10.1016/j.biopsych.2023.02.778

289. Zhang X, Hack LM, Heifets B, Suppes T, van Roessel P, Yesavage J, Gray N, Hilton R, Rodriguez C, Deisseroth K, Knutson B, **Williams LM** (2023). 539. Ketamine's Acute Effects on Negative Brain States are Mediated Through Distinct Altered States in Humans. Biological Psychiatry, 93(9), S312. doi: 10.1016/j.biopsych.2023.02.779

290. Tsai P, Hallihan H, Lv N, Xiao L, Penalver Bernabe B, Wu Y, Pandey G, **Williams LM**, Ajilore O, Ma J (2023). 566. Affective Neural Circuits and Inflammatory Markers Linked to Depression and Anxiety Symptoms in Patients With Comorbid Obesity. Biological Psychiatry, 93(9), S323 doi: 10.1016/j.biopsych.2023.02.806

291. Keyan D, Bryant R, Wilker S, Vukojevic V, Schneider A, Pfeiffer A, Inerle S, Pauly M, Elbert T, Papassotiropoulos A, De Quervain D, Kolassa I, Kumsta R, Hummel E, Zang JS, Mueller S, Moser D, Herpertz S, Kessler H, Bryant R, Felmingham K, Malhi GS, Williamson TH, **Williams LM**, Korgaonkar MS (2023). Biological predictors and markers of psychotherapy outcome in Posttraumatic Stress Disorder: Evidence from genetic, epigenetic, gene expression, and neuroimaging research. European Journal of Psychotraumatology, 14 (Suppl 1), 260. WOS:001042895800284

292. Rodriguez PM, Pines A, Zhang X, **Williams LM**, Rodriguez C (2023). Cognitive behavioral therapy effects in cognitive function in adults with hoarding disorder: behavior and neuroimaging data. Neuropsychopharmacology, 48, 306-307.

293. Walker NC, Ramirez N, Chin L, … **Williams LM**, et al. 71. Treatment with TMS Improves Aspects of Attention in Depression: A Pilot Study. Journal of the International Neuropsychological Society, 29(s1), 476-477. doi:10.1017/S1355617723006203

294. Padula CB, McCalley DM, Tenekedjieva LT, MacNiven K, Rauch A, Morales JM, Knutson B, Humphreys K, **Williams LM**, Durazzo TC (2024). A pilot, randomized clinical trial: Left dorsolateral prefrontal cortex intermittent theta burst stimulation improves treatment outcomes in veterans with alcohol use disorder. Alcohol Clin Exp Res (Hoboken), 48(1):164-177. Epub 2024 Jan 10. PMID: 38197808. doi: 10.1111/acer.15224

295. McCalley D, Tenekedjieva LT, MacNiven K, Rauch A, Morales Morales J, Knutson B, Humphreys K, **Williams LM**, Durazzo D, Padula C (2023). Left Dorsolateral Prefrontal Cortex Intermittent Theta Burst Stimulation Improves Treatment Outcomes in Veterans With Alcohol Use Disorder: A Randomized, Sham-Controlled Clinical Pilot Trial. Neuropsychopharmacology, 48, 449.

296. Berlow Y, Vakili AZ, **Williams LM**, Price L, Philip N (2023). Exponential Decay: A Generalized Nonlinear Model of Antidepressant Response. Neuropsychopharmacology, 48, 260-261. Web of Science 001126640300089

297. **Williams LM** (2023). Integrating Neural Circuit and Behavioral Measures to Define and Personalize Treatments for a Cognitive Biotype of Depression. Neuropsychopharmacology, 48, 15 (Suppl 1). Web of Science 001184093500037

298. Krause A, Izabel S … **Williams LM** et al. (2023). Modifying the Emotion Regulation Brain Network in Depression: Mechanistic Insights From a Clinical Trial of Cognitive-Behavioral Therapy for Insomnia. Neuropsychopharmacology, 48, 208-209 (Suppl 1). Web of Science 001184093500400

299. van Roessel P, Munoz Rodriguez PA, Jo B, **Williams LM**, Rodriguez C (2024). Neurocognitive Moderators of Group Psychotherapy Augmented by Individual Uncluttering Practice (BIT+) vs Waitlist Control. Biological Psychiatry, 95(10), S65. doi: 10.1016/j.biopsych.2024.02.160

300. Hack L, Jubeir J, Hilton R… Schatzberg A, O'Hara R, **Williams LM** (2024). 161. Targeting the Cognitive Biotype of Depression With a Selective Alpha 2A Receptor Agonist Using a Stratified Precision Medicine Design. Biological Psychiatry, 95(10), S165. doi: 10.1016/j.biopsych.2024.02.396

301. Khan Y, Mauriello ML… **Williams LM**… Paredes PE (2024). On Stress: Combining Human Factors and Biosignals to Inform the Placement and Design of a Skin-like Stress Sensor. Proceedings of the CHI Conference on Human Factors in Computing Systems, 1-13.

302. Padula C, MacNiven K, Tenekedjieva L, McCalley D, Knutson B, **Williams LM** (2024). Two Faces of Reward: Alcohol-Cue and Monetary Assessment of Reward Circuit Functioning Reveals Neural Predictors of Relapse in Alcohol Use Disorder. Neuropsychopharmacology, 49, 217-218 (Suppl 1). Web of Science 001421429700430

303. Rajasekharan D, Madore MR, Holtzheimer P, Lim KO, Philip NS, **Williams LM** (2025). 292. Precision Within Reach: Scalp-Based Targeting Engages Key Network Relationships in Clinical TMS for Depression. Biological Psychiatry, 97(9), S216. doi: 10.1016/j.biopsych.2025.02.530

304. Akiki T, Tripathy M, Zhang X, Pines A, Caro JO, Rizvi S, Averill C, van Dijk D, Abdallah C, **Williams LM** (2025). 159. Transformer-Based Foundation Model for Functional Neuroimaging. Biological Psychiatry, 97(9), S160-161. doi: 10.1016/j.biopsych.2025.02.396

305. Wang Z, Krause AJ, Osorno R, Solomon N, Bernert R, **Williams LM**, Gross J, Ma J, Lazzeroni L, Yesavage J, Manber R, Goldstein-Piekarski A (2025). 250. Insomnia Intervention is Associated With Changing Dorsolateral Prefrontal Cortex Activity in Depression. Biological Psychiatry, 97(9), S198. doi: 10.1016/j.biopsych.2025.02.487

306. Zhang X, Zhai E, Bertrand C, Ellis S, Wydler I, Donnelly A, Suppes T, **Williams LM** (2025). 166. Dynamic Mediodorsal Thalamus Activity Predicts and Reflects Longitudinal Treatment Outcomes in Psilocybin Therapy for Treatment-Resistant Depression. Biological Psychiatry, 97(9), S163-164. doi: 10.1016/j.biopsych.2025.02.403

307. Krause A, Osorno R, Solomon N, Ahmadi M, Lam P, Magana O, Blozyte E, Cirelli A, Harris L, Izabel S, Bernert R, **Williams LM**, Gross J, Ma J, Lazzeroni L, Yesavage J, Manber R, Saletin J, Goldstein-Piekarski A (2025). 146. Insomnia Intervention Associated With Improvements in Affective Brain Function and Mood in Depression. Biological Psychiatry, 97(9), S155. doi: 10.1016/j.biopsych.2025.02.383

308. Waller L et al (2025). A genome-wide association study of brain function across multiple cognitive domains. Pharmacopsychiatry, 58(03): 147-148. doi: 10.1055/s-0045-1807310

309. Krause A, Osorno R, Solomon N, Ahmadi M, Lam P, Magana O, Blozyte E, Izabel S, Bernert R, **Williams L**, Gross J, Ma J, Lazzeroni L, Yesavage J, Manber R, Saletin J, Piekarski A (2026). P214. Examining fronto-limbic brain and sleep mechanisms of anti-depressant effects in cognitive-behavioral therapy for insomnia. Neuropsychopharmacology, 51 (Suppl 1). Web of Science 001665758000385

310. Zhang X, Hack L, Bertrand C, Hilton R, Gray N, Boyar L, Laudie J, Heifets B, Suppes T, Van Roessel P, Rodriguez CI, Deisseroth K, Knutson B, **Williams LM** (2026). P651. Stratifying MDMA response using negative affect circuit biotypes with clinical validation. Neuropsychopharmacology, 51 (Suppl 1). Web of Science 001665758000526

311. Ahn J, Foland-Ross L, Zhang X, Ellsay A, Akiki TJ, Rajasekharan D, Holtzheimer P, Lim K, Madore M, Philip N, Ajilore O, Ma J, **Williams LM** (2026). 33. Personalized Treatment Selection in Depression Using Clinically Interpretable Neuroimaging Biotypes. Biological Psychiatry, 99(10), S89. doi: 0.1016/j.biopsych.2026.03.213

312. Heath A, Rajasekharan D, Wydler I, Philip N, Holtzheimer P, Lim K, Madore M, **Williams LM** (2026). 312. Neural Correlates of Suicide Risk in Veterans: Effects of DLPFC rTMS on the Default Mode Network. Biological Psychiatry, 99(10), S233-S234. doi: 10.1016/j.biopsych.2026.03.546

313. Rajasekharan D, Wydler I, Zhang X, Akiki TJ, Madore MR, Lim K, Holtzheimer P, Philip N, **Williams LM** (2026). 41. Reorganization of Prefrontal Stimulation Site Connectivity to the Default Mode and Frontoparietal Networks Predicts Transdiagnostic Symptom Improvement Following TMS for Depression. Biological Psychiatry, 99(10), S93. doi: 10.1016/j.biopsych.2026.03.221

314. Evangelista N, Rajasekharan D, Philip N, **Williams LM,** Madore MR (2026). Exploring Working Memory Performance and Functional Connectivity as Biomarkers of Transcranial Magnetic Stimulation Treatment Response. Biological Psychiatry, 99(10), S5-S6. doi: 10.1016/j.biopsych.2026.03.022

315. Akiki TJ, Ellsay A, Yang HJ, Rajasekharan D, Zhang X, **Williams LM** (2026). Predicting Depression Trajectories With Self-Supervised Cross-Modal Transformers. Biological Psychiatry, 99(10), S16. doi: 10.1016/j.biopsych.2026.03.047

316. Merrill J, Converse E, Osorno R, Solomon N, Williams LM, Gross J, Ma J, Yesavage J, Manber R, Saletin J, Goldstein-Piekarski A (2026). 0461 Evaluating the Relationship Between Rumination and Insomnia Across CBTI in Depressed Adults. Sleep, 49 (Suppl 1), A205-A206. doi: 10.1093/sleep/zsag091.0460