Stanford



Leanne Williams

Vincent V.C. Woo Professor and Professor of Psychiatry and Behavioral Sciences (Major Laboratories and Clinical Translational Neurosciences Incubator)

NIH Biosketch available Online Curriculum Vitae available Online

CONTACT INFORMATION

- **Alternate Contact**

  Hosna Omarzad - Executive Director

  Email homarzad@stanford.edu

Bio

BIO

Leanne M. Williams, PhD, is the inaugural Vincent V.C. Woo Professor of Psychiatry and Behavioral Sciences and Founding Director of the Stanford Center for Precision Mental Health at Stanford University School of Medicine. She directs the PanLab for Personalized and Translational Neuroscience and serves as Associate Chair of Translational Neuroscience within Stanford Psychiatry. She also holds a joint appointment as Director of the Precision Medicine Core at the VA Palo Alto Health Care System MIRECC.

For more than two decades, Dr. Williams has pioneered precision mental health, bringing the principles of precision medicine to psychiatry to improve outcomes beyond one-size-fits-all, trial-and-error care. Her research has shown that people with the same diagnosis can have different patterns of brain circuit dysfunction. These differences can help explain symptoms, identify biologically meaningful subtypes, and predict who is more likely to benefit from different treatments.

Her work began with standardized measures of brain function during emotion and cognition and grew into large prospective studies testing whether these measures could predict treatment outcomes. This research established reproducible brain circuits underlying depression and anxiety, identified circuit-based “biotypes” that capture clinically meaningful heterogeneity, and demonstrated that specific circuit patterns are associated with differential response to antidepressant medications, behavioral treatments, and neuromodulation.

Across this work, Dr. Williams has developed Precision Circuit Mapping (PCM), a framework that integrates more than two decades of research on brain circuit function, clinically meaningful heterogeneity, and differential treatment response to guide clinical decisions. PCM combines standardized measures of brain function at rest and during emotion and cognition to quantify circuit function in individual patients. Personalized Circuit Scores show how an individual’s circuit function compares with established reference ranges. PCM provides an organizing framework for integrating these circuit measures with clinical and other information to support personalized treatment through human-centered, explainable decision-making.

Dr. Williams and her collaborators have applied this framework across antidepressant medications, behavioral treatments, and neuromodulation, as well as mechanistically targeted repurposed treatments and emerging therapeutics including ketamine, MDMA-assisted therapy, and psilocybin. Her current research is testing these approaches prospectively, with the goal of getting more people to an effective treatment sooner.

Dr. Williams is Chair of the international Precision Mental Health Commission, convened with Stanford and Nature Mental Health, which brings together leaders across disciplines to define the evidence, standards, and implementation pathways needed to advance precision mental health into clinical use at scale.

To advance the clinical translation of this work, Dr. Williams co-founded Et Cere, which is developing PCM-based clinical decision support.

Dr. Williams has published more than 400 scientific papers and authored the first book on precision psychiatry. She previously founded and directed the Brain Dynamics Center at Sydney Medical School.

ACADEMIC APPOINTMENTS

- Professor, Psychiatry and Behavioral Sciences
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Stanford Center for Precision Mental Health, (2018- present)
- Director, Williams PanLab for Personalized & Translational Neuroscience, (2012- present)
- Director, Precision Medicine Core, MIRECC, VA Palo Alto Healthcare System, (2020- present)
- Associate Chair, Translational Neuroscience, Psychiatry and Behavioral Sciences, Stanford University, (2018- present)
- Associate Chair, Research Strategy, Psychiatry and Behavioral Sciences, Stanford University, (2016-2018)
- Steering Committee Chair, Major Labs & Clinical Translational Neurosciences Incubator, Psychiatry & Behavioral Sciences, (2015-2018)
- Director, PTSD Education & Dissemination, MIRECC, VA Palo Alto Healthcare System, (2013-2019)

HONORS AND AWARDS

- The Gold Medal Award, Society of Biological Psychiatry (SOBP) (2026)
- The Perry Award (In memory of Samuel Wesley Perry III, MD), Weill Cornell Medicine (2025)
- Educator Award, Society of Biological Psychiatry (SOBP) (2023)
- Chairman’s Senior Faculty Mentor Award, Stanford School of Medicine, Department of Psychiatry and Behavioral Sciences (2023)
- Best Female Scientist Award: top 1000 of all female scientists in the world across disciplines, Research.com - world ranking based on impact factor (2022, 2023, 2024)
- George Thompson Award to the Women’s Leadership Group of SOBP, Society of Biological Psychiatry (SOBP) (2022)
- Fellow, American College of Neuropsychopharmacology (2017)
- Chairman's Award for Advanced Contributions to Science, Stanford School of Medicine (2016)
- Ernst Strüngmann Award: “Schizophrenia evolution and synthesis”, Ernst Strüngmann Institute for Neuroscience in Cooperation with Max Planck Institute (2012)
- Presidential Award, US Society for Psychosomatic Medicine (2008)
- Senior Research Fellowship, Pfizer Foundation (2004)
- Australian Museum Eureka Prize for Science Prize, Australian Museum (2003)
- Young Investigator Award, International Schizophrenia Congress (2001)
- Senior Scientist Award, 10th Biennial Winter Workshop on Schizophrenia (2000)

- Wellcome Trust-Ramaciotti Research Award for advanced study, London Institute of Psychiatry, Wellcome Trust-Ramaciotti Foundation (1998)
- British Council Postgraduate scholarship Award for PhD study at Oxford University, UK, British Council (1991)
- Australian Postgraduate Research Award, Australian federal government (1990)
- Australian Psychological Society Prize for the most outstanding Honors year research dissertation, Australian Psychological Society (1990)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Scientific Advisory Board, Stanford Center for Clinical and Translational Research Award (2025 - present)
- Scientific Advisory Board, Advanced Research and Invention Agency (ARIA), UK government Department for Science, Innovation and Technology (2025 - present)
- Councilor-at-Large, Society of Biological Psychiatry (SOBP) (2023 - present)
- External Scientific Advisory Board, Cancer Neuroscience Program at MD Anderson Cancer Center (2024 - present)
- Special Editor, NEUROPSYCHIATRIC IMAGING section of the American Journal of Neuroradiology (https://www.ajnr.org) (2023 - present)
- Program Chair, 2021 Society for Biological Psychiatry Annual Meeting (2019 - 2023)
- Scientific Advisory Board, One Mind Psyberguide, of the One Mind Institute (2015 - present)
- Member, Global Future Council on Technologies for Mental Health - World Economic Forum (2019 - present)
- Member, American College for Neuropsychopharmacology (2012 - present)
- Member, Society for Biological Psychiatry (2009 - present)
- Member, Society for Biological Psychiatry Women's Leadership Group (2016 - present)
- Editorial Board, Journal of Mood and Anxiety Disorders (Elsevier journal) (2023 - present)
- Editorial Board, Journal of Psychiatric Research (Elsevier journal) (2019 - present)
- Editorial Board, Depression and Anxiety (Wiley-Blackwell) (2018 - present)
- Editorial Board, Network Neuroscience (MIT Press) (2017 - present)
- Editorial Board, Personalized Medicine for Psychiatry (Elsevier) (2016 - present)
- Faculty member, Stanford Precision Health and Integrated Diagnostics Center (PHIND) (2018 - present)
- Faculty member, Stanford Neurosciences Institute (2016 - present)

COMMUNITY AND INTERNATIONAL WORK

- Precision Psychiatry: Are We Getting Closer?
- World Economic Forum 2019: “Using big data to diagnose & treat depression faster & more accurately", Davos, Switzerland
- Brain Research and Integrative Neuroscience Network: BRAINnet, www.BRAINnet.net

PATENTS

- Leanne Williams. "United States Patent 11,701,078 Systems and Methods for Detecting Complex Networks in MRI Image Data", Jul 18, 2023
- Leanne Williams. "United States Patent 10,702,232 B2 Systems and Methods for Detecting Complex Networks in MRI Image Data", Jul 7, 2020
- Leanne Williams. "United States Patent 10,285,658 Systems and methods for detecting complex networks in MRI image data", May 14, 2019
- Leanne Williams. "United States Patent 10,034,645 Systems and methods for detecting complex networks in MRI image data", Jul 31, 2018

LINKS

- Stanford Center for Precision Mental Health and Wellness (PMHW): https://med.stanford.edu/pmhw
- PanLab: Personalized and Translational Neuroscience Lab: https://med.stanford.edu/pmhw/panlab
- Youtube channel Stanford Center for Precision Mental Health & Wellness: https://www.youtube.com/channel/UCN8g9b2eCpSRMs6AyY15U3g/videos
- PMHW Chat with the Experts Podcast Series: https://med.stanford.edu/pmhw/chat-with-the-experts

- The Precision Mental Health Commission: transforming mental health through brain circuit science: https://www.nature.com/articles/s44220-026-00649-x
- Precision Psychiatry: Using Neuroscience Insights to Inform Personally Tailored, Measurement-Based Care (Book): https://med.stanford.edu/pmhw/precision-psychiatry-books
- KPIX | CBS News Bay Area: Brain imaging reveals distinct types of depression in study led by Stanford Medicine: https://www.youtube.com/watch?v=s1SJRVBteh8
- Leanne Williams receives $18 million National Institutes of Health grant to diagnose and treat depression: https://med.stanford.edu/news/all-news/2024/06/leanne-williams-grant.html
- Tell Me More with Kelly Corrigan | Bad Days, Tough Seasons or Clinical Depression?: https://www.pbs.org/video/leanne-williams-z9shxg/
- New Stanford Center focuses on Precision Mental Health: https://scopeblog.stanford.edu/2018/04/12/new-stanford-center-focuses-on-precision-mental-health/
- Precision Psychiatry: Are We Getting Closer?: https://psychnews.psychiatryonline.org/doi/10.1176/appi.pn.2022.09.9.23
- "Deeper learning: Machine learning makes new sense of psychiatric symptoms" in Nature Medicine: https://www.nature.com/articles/s41591-018-0313-2
- "Brain scans could help personalize treatment for people who are depressed or suicidal" in Science Magazine: https://www.sciencemag.org/news/2019/08/brain-scans-could-help-personalize-treatment-people-who-are-depressed-or-suicidal
- "Doctors can predict if antidepressants will work for you" in Time Magazine: http://time.com/4525613/antidepressants-depression-stress/
- 'We could be changing lives' in Stanford Medicine Magazine: https://stanmed.stanford.edu/precision-mental-health-promise/
- 'Let's talk about it' in Stanford Medicine Magazine: https://stanmed.stanford.edu/open-talk-depression-fight-stigma/
- Science feature. "READING AN ANGUISHED BRAIN". Brain scans could help personalize treatment for people who are depressed or suicidal.: https://www.sciencemag.org/news/2019/08/brain-scans-could-help-personalize-treatment-people-who-are-depressed-or-suicidal
- "Brain scans and DNA tests personalise mental health care" in Financial Times: https://www.ft.com/content/54b53350-de73-11e7-a0d4-0944c5f49e46
- "Predicting the usefulness of antidepressants" in NIH News: https://www.nih.gov/news-events/news-releases/predicting-usefulness-antidepressants

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Precision Mental Health: From Brain Circuits to Better Treatment Decisions

Our research advances precision mental health by moving beyond diagnosis and trial-and-error care toward biologically informed, personalized treatment decisions. Our work connects brain circuits, behavior, symptoms and treatment response, from standardized functional imaging probes to circuit biotypes, treatment prediction and clinical decision support.

A central foundation is Precision Circuit Mapping (PCM), our standardized framework for translating individual differences in brain circuit function into clinically actionable measures for treatment selection.

1. Precision Circuit Mapping

PCM combines resting-state imaging with brief emotion and cognitive task probes to measure circuits across contexts. Task-based measures can reveal treatment-relevant differences in circuit engagement that are not captured by resting-state connectivity alone and have been important in distinguishing response across treatments.

The framework is designed for multisite and clinical workflows. A standardized imaging protocol can be completed in under 30 minutes, with end-to-end automated quality control, processing and norm-referenced patient-level circuit measures generated in under 15 minutes.

2. Brain Circuit Biotypes and Individual Differences

Mental health diagnoses encompass substantial biological heterogeneity. We identify reproducible patterns of dysfunction across circuits supporting cognitive control, attention, salience, positive and negative affect, and self-referential processing. Our brain circuit “biotypes” connect these differences with symptoms, behavior and clinical outcomes.

3. Precision Therapeutics and Treatment Selection

We test whether circuit measures can distinguish likely response and nonresponse across treatments. Our studies span antidepressant medications, behavioral interventions and neuromodulation, mechanistically selective repurposed treatments, and emerging therapeutics including ketamine, MDMA-assisted therapy and psilocybin.

Across different treatment mechanisms, we ask: Which treatment is most likely to work for which patient, and what biological information is needed to make that decision?

4. Explainable, Human-Centered AI for Clinical Decision Support

We develop explainable, human-centered AI to translate patient-level circuit information into transparent clinical decision support for treatment selection. Rather than relying on black-box prediction, our approach is designed to show clinicians the circuit measures contributing to a patient’s profile, the treatment-relevant evidence associated with those measures, and how that information can inform a clinical decision.

Our goal is circuit-guided treatment selection that augments rather than replaces clinical judgment, preserving interpretability, traceability to evidence and clinician oversight. The emphasis is on transparency, usability and clinical utility, not prediction alone.

5. From Clinical Decision Support to Real-World Use

Translation has been a goal of our research from the outset. We develop and test the clinical, technical, regulatory and implementation pathways required to move validated precision measures and decision support into real-world mental health care. Our work spans multisite implementation, standardized acquisition and clinical workflows, prospective clinical studies, regulatory translation and evaluation of clinical utility.

The central question is not simply whether a biomarker is statistically significant, but whether it can be measured reliably, delivered efficiently, interpreted transparently and used to improve a real clinical decision.

Ultimately, our goal is to replace prolonged trial-and-error treatment with objective information that helps people receive an effective treatment sooner.

Learn more about our research:
Stanford Center for Precision Mental Health: http://med.stanford.edu/pmhw

CLINICAL TRIALS

- Stanford Regulating Circuits of the Brain Study - MDMA, Recruiting

- Stratified Pharmacological Approaches for Regulating Circuit-Level Effects, Recruiting
- International Study to Predict Optimised Treatment - in Depression, Not Recruiting
- Research Aimed at Improving Both Mood and Weight, Not Recruiting
- The BIomarker Guided (BIG) Study for Depression, Not Recruiting
- Neural Circuit Biomarkers of Transcranial Magnetic Stimulation Study, Not Specified
- Stanford RAD-AT Study (Research on Anxiety and Depression - Anhedonia Treatment), Not Specified

PROJECTS

- Precision Health for Depression
- Precision Psychiatry Continuity Clinic Project: Translating neuroscience into mental health care - Stanford (7/25/2017)
- RAD-AT Project: Research on Anxiety and Depression – Anhedonia Treatment - Stanford University School of Medicine and VA Palo Alto
- RAD Project: Neural Dimensions of Threat Reactivity and Regulation for Understanding Anxiety - Stanford University and PAVIR (September 1, 2013 - present)
- ENGAGE Project: Engaging self-regulation targets to understand the mechanisms of behavior change and improve mood and weight outcomes - Stanford University and University of Chicago Illinois (9/30/2015)
- iSPOT-D: International Study to Predict Optimized Treatment - in Depression - Stanford University and collaborating sites
- Family Study: Emotional and Cognitive Brain Function Biomarkers of Risk in First Degree Relatives of Depressed Probands - Stanford University and Sydney Medical School
- GEM Study: General and Emotional Cognition in First Onset Psychosis - Stanford University and Sydney Medical School
- ACTION Study: ADHD Controlled Trial Investigation Of a Non-stimulant - University of Sydney Medical School and Stanford University
- TWIN-E Project: The Twin study in Wellbeing using Integrative Neuroscience of Emotion - Sydney Medical School, Flinders University, Neuroscience Australia and Stanford University
- LIMCA Project: LImbic Maturational Changes in Adolescence and young adulthood
- Brain Connectivity Imaging Markers to Confirm Diagnosis for Bipolar vs. Unipolar Depression - University of Sydney Medical School (3/1/2015)
- ACE-D: Accelerating Cognition-guided signatures to Enhance translation in Depression - Stanford University (May 2024 - present)

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Jeesung Ahn, Liangfang Li

Doctoral Dissertation Advisor (AC)

Divya Rajasekharan

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Neurosciences (PhD Program)
- Psychiatry and Behavioral Science (Fellowship Program)

Publications

PUBLICATIONS

- **The Precision Mental Health Commission: transforming mental health through brain circuit science** *NATURE MENTAL HEALTH*
  Williams, L. M., Foland-Ross, L. C., Wintermark, M.
  2026

- **Personalized Treatment Selection in Depression Using Clinically Interpretable Neuroimaging Biotypes**

Ahn, J., Foland-Ross, L. C., Zhang, X., Ellsay, A., Akiki, T. J., Rajasekharan, D., Holtzheimer, P., Lim, K., Madore, M. R., Philip, N. S., Ajilore, O., Ma, J., Williams, et al

ELSEVIER SCIENCE INC.2026

- **Predicting Depression Trajectories With Self-Supervised Cross-Modal Transformers**

  Akiki, T., Ellsay, A., Yang, H., Rajasekharan, D., Zhang, X., Williams, L.

  ELSEVIER SCIENCE INC.2026: S16

- **A stratified precision medicine trial targeting α_{2A}-adrenergic receptor agonism as a treatment for the cognitive biotype of depression** *NATURE MENTAL HEALTH*

  Hack, L. M., Jubeir, J., Hilton, R., Tozzi, L., Boyar, L., Zhang, X., Lyons, T., Jo, B., O'Hara, R., Schatzberg, A. F., Williams, L. M.

  2025

- **Developing Clinically Interpretable Neuroimaging Biotypes in Psychiatry.** *Biological psychiatry*

  Ahn, J., Foland-Ross, L., Akiki, T. J., Boyar, L., Wydler, I., Bostian, C., Zhang, X., Yang, H. J., Ellsay, A., Ma, E., Rajasekharan, D., Holtzheimer, P., Lim, et al

  2025

- **Negative Affect Circuit Subtypes and Neural, Behavioral, and Affective Responses to MDMA: A Randomized Clinical Trial.** *JAMA network open*

  Zhang, X., Hack, L. M., Bertrand, C., Hilton, R., Gray, N. J., Boyar, L., Laudie, J., Heifets, B. D., Suppes, T., van Roessel, P. J., Rodriguez, C. I., Deisseroth, K., Knutson, et al

  2025; 8 (4): e257803

- **Adaptive cognitive control circuit changes associated with problem-solving ability and depression symptom outcomes over 24 months.** *Science translational medicine*

  Zhang, X., Pines, A., Stetz, P., Goldstein-Piekarski, A. N., Xiao, L., Lv, N., Tozzi, L., Lavori, P. W., Snowden, M. B., Venditti, E. M., Smyth, J. M., Suppes, T., Ajilore, et al

  2024; 16 (763): eadh3172

- **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*

  Tozzi, L., Bertrand, C., Hack, L. M., Lyons, T., Olmsted, A. M., Rajasekharan, D., Chen, T., Berlow, Y. A., Yesavage, J. A., Lim, K., Madore, M. R., Philip, N. S., Holtzheimer, et al

  2024; 2 (8): 987-998

- **Personalized brain circuit scores identify clinically distinct biotypes in depression and anxiety.** *Nature medicine*

  Tozzi, L., Zhang, X., Pines, A., Olmsted, A. M., Zhai, E. S., Anene, E. T., Chesnut, M., Holt-Gosselin, B., Chang, S., Stetz, P. C., Ramirez, C. A., Hack, L. M., Korgaonkar, et al

  2024

- **Brain circuit derived biotypes for treatment selection in mood disorders: A critical review and illustration of a functional neuroimaging tool for clinical translation.** *Biological psychiatry*

  Song, E. J., Tozzi, L., Williams, L. M.

  2024

- **A Cognitive Biotype of Depression and Symptoms, Behavior Measures, Neural Circuits, and Differential Treatment Outcomes: A Prespecified Secondary Analysis of a Randomized Clinical Trial.** *JAMA network open*

  Hack, L. M., Tozzi, L., Zenteno, S., Olmsted, A. M., Hilton, R., Jubeir, J., Korgaonkar, M. S., Schatzberg, A. F., Yesavage, J. A., O'Hara, R., Williams, L. M.

  2023; 6 (6): e2318411

- **New and emerging approaches to treat psychiatric disorders.** *Nature medicine*

  Scangos, K. W., State, M. W., Miller, A. H., Baker, J. T., Williams, L. M.

  2023

- **Mapping Neural Circuit Biotypes to Symptoms and Behavioral Dimensions of Depression and Anxiety.** *Biological psychiatry*

  Goldstein-Piekarski, A. N., Ball, T. M., Samara, Z., Staveland, B. R., Keller, A. S., Fleming, S. L., Grisanzio, K. A., Holt-Gosselin, B., Stetz, P., Ma, J., Williams, L. M.

  2021

- **Intrinsic connectomes are a predictive biomarker of remission in major depressive disorder.** *Molecular psychiatry*

Korgaonkar, M. S., Goldstein-Piekarski, A. N., Fornito, A., Williams, L. M.
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*
  Tozzi, L. n., Goldstein-Piekarski, A. N., Korgaonkar, M. S., Williams, L. M.
  2019

- **Transdiagnostic Symptom Clusters and Associations With Brain, Behavior, and Daily Function in Mood, Anxiety, and Trauma Disorders** *JAMA PSYCHIATRY*
  Grisanzio, K. A., Goldstein-Piekarski, A. N., Wang, M., Ahmed, A. R., Samara, Z., Williams , L. M.
  2018; 75 (2): 201-209

- **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 OF THE UNITED STATES OF AMERICA*
  Goldstein-Piekarski, A. N., Korgaonkar, M. S., Green, E., Suppes, T., Schatzberg, A. F., Hastie, T., Nemeroff, C. B., Williams, L. M.
  2016; 113 (42): 11955-11960

- **Precision psychiatry: a neural circuit taxonomy for depression and anxiety** *LANCET PSYCHIATRY*
  Williams, L. M.
  2016; 3 (5): 472-480

- **Amygdala Reactivity to Emotional Faces in the Prediction of General and Medication-Specific Responses to Antidepressant Treatment in the Randomized iSPOT-D Trial** *NEUROPSYCHOPHARMACOLOGY*
  Williams, L. M., Korgaonkar, M. S., Song, Y. C., Paton, R., Eagles, S., Goldstein-Piekarski, A., Grieve, S. M., Harris, A. W., Usherwood, T., Etkin, A.
  2015; 40 (10): 2398-2408

- **Electroencephalography biomarkers of response to transcranial magnetic stimulation for treatment-resistant major depression: Protocol and rationale of a naturalistic study in veterans** *PERSONALIZED MEDICINE IN PSYCHIATRY*
  Zandvakili, A., Kelley, M. E., Lyons, T., Chen, T., Felde, A., Norred, M. A., Yoon, J. H., Zuschlag, Z. D., Leuchter, A. F., Kozel, F., Lim, K. O., Madore, M. R., Philip, et al
  2026; 57

- **HARMONY: A large-scale harmonized neuroimaging dataset for research on anxious misery disorders.** *bioRxiv : the preprint server for biology*
  Jarukasemkit, S., Harms, M. P., Lenzini, P., Chen, A., Glasser, M. F., Hamilton, K., Li, L., Luo, X., Myers, M., Pines, A. R., Reid, E., Tozzi, L., Zavaliangos-Petropulu, et al
  2026

- **Psychedelics disrupt hierarchical cortical propagations in the default mode network of humans and mice.** *Proceedings of the National Academy of Sciences of the United States of America*
  Pines, A. R., Zhang, X., Kochalka, J., Vesuna, S. S., Kauvar, I. V., Rajasekharan, D., Reneau, T. R., Akiki, T. J., Hack, L. M., Siegel, J. S., Williams, L. M.
  2026; 123 (24): e2522000123

- **Strengths-based resilience: the biopsychosocial factors that differentiate 12-year mental well-being trajectories following adverse childhood experiences.** *Psychological medicine*
  Connon, E., Park, H. R., Turner, R. M., Williams, L. M., Gatt, J. M.
  2026; 56: e185

- **Neural Correlates of Suicide Risk in Veterans: Effects of DLPFC rTMS on the Default Mode Network**
  Heath, A., Rajasekharan, D., Wydler, I., Philip, N., Holtzheimer, P., Lim, K., Williams, L., Madore, M.
  ELSEVIER SCIENCE INC.2026: S233-S234

- **Reorganization of Prefrontal Stimulation Site Connectivity to the Default Mode and Frontoparietal Networks Predicts Transdiagnostic Symptom Improvement Following TMS for Depression**
  Rajasekharan, D., Wydler, I., Zhang, X., Akiki, T., Madore, M. R., Lim, K., Holtzheimer, P., Philip, N., Williams, L.
  ELSEVIER SCIENCE INC.2026

- **Examining fronto-limbic brain and sleep mechanisms of antidepressant effects in cognitive-behavioral therapy for insomnia.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*

Krause, A. J., Osorno, R., Solomon, N. L., Ahmadi, M., Lam, P., Magana, O., Blozyte-Sakenis, E., Harris, L. N., Babros, M. C., Izabel, S. S., Bernert, R. A., Williams, L. M., Gross, et al
2026

- **Global topology of brain-wide co-fluctuations links task states, personality, and behavioral symptom dimensions.** *bioRxiv : the preprint server for biology*
  Siu, C., Pirzada, S., Glick, C., Betzel, R., Petri, G., Manning, J. R., Williams, L., Saggar, M.
  2026
- **Evaluating the Relationship Between Rumination and Insomnia Across CBTI in Depressed Adults**
  Merrill, J., Converse, E., Osorno, R., Solomon, N., Williams, L., Gross, J., Ma, J., Yesavage, J., Manber, R., Saletin, J., Goldstein-Piekarski, A.
  OXFORD UNIV PRESS INC.2026: A205-A206
- **Examining Fronto-Limbic Brain and Sleep Mechanisms of Anti-Depressant Effects in Cognitive-Behavioral Therapy for Insomnia**
  Krause, A., Osorno, R., Solomon, N., Ahmadi, M., Lam, P., Magana, O., Blozyte, E., Harris, L., Izabel, S., Bernert, R., Williams, L., Gross, J., Ma, et al
  ELSEVIER SCIENCE INC.2026
- **Exploring Working Memory Performance and Functional Connectivity as Biomarkers of Transcranial Magnetic Stimulation Treatment Response**
  Evangelista, N., Rajasekharan, D., Philip, N., Williams, L., Madore, M. R.
  ELSEVIER SCIENCE INC.2026: S5-S6
- **Integrative learning of individualized treatment rules from multiple studies with partially overlapping treatments.** *Biometrics*
  Bian, Y., Zeng, D., Yang, H. J., Williams, L. M., Wang, Y.
  2026; 82 (2)
- **Relationship of Behavioral Activation to Time-Varying Sub-Network Coherence in Attention and Reward Neural Networks.** *Brain topography*
  Warthen, K. G., Keller, A. S., Williams, L. M.
  2026; 39 (3)
- **Emotional scars: limbic brain processing alterations in adults with childhood abuse across mental health disorders.** *Molecular psychiatry*
  Korgaonkar, M. S., Tobler, C., Felmingham, K., Williams, L. M., Bryant, R. A., Breukelaar, I. A.
  2026
- **The 12-year longitudinal impact of risk and resilience trajectories on adult health following childhood trauma.** *The American psychologist*
  Connon, E., Park, H. R., Turner, R. M., Williams, L. M., Gatt, J. M.
  2026
- **Polygenic score for C-reactive protein is linked to faster cortical thinning and psychopathology risk in adolescents** *NATURE MENTAL HEALTH*
  Zheng, H., Savitz, J., Haroon, E., Ahern, J., Loughnan, R. J., Naber, F., Xu, B., Forthman, K. L., Aupperle, R. L., Williams, L. M., Paulus, M. P., Fan, C., Thompson, et al
  2026
- **Polygenic score for C-reactive protein is linked to faster cortical thinning and psychopathology risk in adolescents.** *Nature. Mental health*
  Zheng, H., Savitz, J., Haroon, E., Ahern, J., Loughnan, R. J., Naber, F., Xu, B., Forthman, K. L., Aupperle, R. L., Williams, L. M., Paulus, M. P., Fan, C. C., Thompson, et al
  2026; 4 (3): 427-438
- **STRATIFYING MDMA RESPONSE USING NEGATIVE AFFECT CIRCUIT BIOTYPES WITH CLINICAL VALIDATION**
  Zhang, X., Hack, L., Bertrand, C., Hilton, R., Gray, N., Boyar, L., Laudie, J., Heifets, B., Suppes, T., Van Roessel, P., Rodriguez, C. I., Deisseroth, K., Knutson, et al
  SPRINGERNATURE.2026
- **EXAMINING FRONTO-LIMBIC BRAIN AND SLEEP MECHANISMS OF ANTI-DEPRESSANT EFFECTS IN COGNITIVE-BEHAVIORAL THERAPY FOR INSOMNIA**
  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, et al
  SPRINGERNATURE.2026

- **Topological data analysis reveals rigid brain-state dynamics during self-viewing in trait rumination.** *bioRxiv : the preprint server for biology*
  Geniesse, C., Jahanikia, S., Xie, H., Sonalkar, N. S., Williams, L. M., Saggar, M.
  2025
- **Targeting a specific molecular mechanism alleviates the cognitive biotype of depression** *NATURE MENTAL HEALTH*
  Williams, L. M.
  2025
- **A stratified precision medicine trial targeting α2A-adrenergic receptor agonism as a treatment for the cognitive biotype of depression.** *Nature. Mental health*
  Hack, L. M., Jubeir, J., Hilton, R., Tozzi, L., Boyar, L., Zhang, X., Lyons, T., Jo, B., O'Hara, R., Schatzberg, A. F., Williams, L. M.
  2025; 3 (11): 1363-1373
- **Transforming psychiatry with computational and brain-based methods.** *Nature computational science*
  Akiki, T. J., Williams, L. M., Wolfers, T., Yang, Y., Stahl, D., Gillan, C. M.
  2025; 5 (10): 844-847
- **Defining suicidality phenotypes for genetic studies: perspectives of the Psychiatric Genomics Consortium Suicide Working Group.** *Molecular psychiatry*
  Colbert, S. M., Monson, E. T., Andreassen, O. A., Ayinde, O. O., Barr, P. B., Bejan, C. A., Ceja, Z., Coon, H., DiBlasi, E., Edenberg, H. J., Gelernter, J., Hatoum, A., Izotova, et al
  2025
- **Functional connectivity profiles of amygdala subregions in posttraumatic stress disorder.** *Translational psychiatry*
  Haris, E. M., Bryant, R. A., Felmingham, K. L., Williams, L. M., Korgaonkar, M. S.
  2025; 15 (1): 280
- **From Scanner to Bedside: Building Bridges in Translational Psychiatric Neuroimaging.** *The American journal of psychiatry*
  Yu, J. J., Williams, L. M., Tanabe, J., Schmitt, J. E., Dagher, R.
  2025; 182 (8): 793
- **Attention-Deficit/Hyperactivity Disorder Subtypes Defined by Cognition Have a Distinct Neural and Clinical Profile and Differ in Response to Atomoxetine.** *Journal of the American Academy of Child and Adolescent Psychiatry*
  Leikauf, J. E., Griffiths, K. R., Clarke, S. D., Kohn, M. R., Williams, L.
  2025
- **Polygenic score for C-reactive protein is associated with accelerated cortical thinning and increased psychopathology in adolescents: a population-based longitudinal cohort study.** *Research square*
  Zheng, H., Savitz, J., Haroon, E., Ahern, J., Loughnan, R., Nabber, F., Xu, B., Forthman, K., Aupperle, R., Williams, L., Paulus, M., Fan, C. C., Thompson, et al
  2025
- **Conserved brain-wide emergence of emotional response from sensory experience in humans and mice.** *Science (New York, N.Y.)*
  Kauvar, I., Richman, E. B., Liu, T. X., Li, C., Vesuna, S., Chibukhchyan, A., Yamada, L., Fogarty, A., Solomon, E., Choi, E. Y., Mortazavi, L., Chau Loo Kung, G., Mukunda, et al
  2025; 388 (6750): eadt3971
- **Transformer-Based Foundation Model for Functional Neuroimaging**
  Akiki, T., Tripathy, M., Zhang, X., Pines, A., Caro, J., Rizvi, S., Averill, C., van Dijk, D., Abdallah, C., Williams, L.
  ELSEVIER SCIENCE INC.2025
- **Dynamic Mediodorsal Thalamus Activity Predicts and Reflects Longitudinal Treatment Outcomes in Psilocybin Therapy for Treatment-Resistant Depression**
  Zhang, X., Zhai, E., Bertrand, C., Ellis, S., Wydler, I., Donnelly, A., Suppes, T., Williams, L.
  ELSEVIER SCIENCE INC.2025
- **Insomnia Intervention Associated With Improvements in Affective Brain Function and Mood in Depression**
  Krause, A., Osorno, R., Solomon, N., Ahmadi, M., Lam, P., Magana, O., Blozyte, E., Cirelli, A., Harris, L., Izabel, S., Bernert, R., Williams, L., Gross, et al
  ELSEVIER SCIENCE INC.2025

- **A genome-wide association study of brain function across multiple cognitive domains**
  Waller, L., Broecker, A., Elbersgerd, N., Jaeck, F., Lipka, R., Mograby, L., Neidhart, M., Puzicha, R., Rahimova, F., Reinhardt, P., Reppmann, Z., Schaefer, N., Serin, et al
  GEORG THIEME VERLAG KG.2025: 147-148

- **Precision Within Reach: Scalp-Based Targeting Engages Key Network Relationships in Clinical TMS for Depression**
  Rajasekharan, D., Madore, M. R., Holtzheimer, P., Lim, K. O., Philip, N. S., Williams, L. M.
  ELSEVIER SCIENCE INC.2025

- **Dynamic Mediodorsal Thalamus Activity Predicts and Reflects Longitudinal Treatment Outcomes in Psilocybin Therapy for Treatment-Resistant Depression**
  Zhang, X., Zhai, E., Bertrand, C., Ellis, S., Wydler, I., Donnelly, A., Suppes, T., Williams, L.
  ELSEVIER SCIENCE INC.2025

- **Defining and Assessing International Classification of Disease Suicidality Phenotypes for Genetic Studies.** *medRxiv : the preprint server for health sciences*
  Monson, E. T., Colbert, S. M., Barr, P. B., Bejan, C. A., Andreassen, O. A., Ayinde, O. O., Ceja, Z., Coon, H., DiBlasi, E., Izotova, A., Kaufman, E. A., Koromina, M., Myung, et al
  2025

- **Exploring the effects of cognitive behavioral therapy on cognitive control circuit and behavioral task performance in hoarding disorder.** *Journal of psychiatric research*
  Muñoz Rodríguez, P. A., Pines, A., Zhang, X., van Roessel, P. J., Mukunda, P., McCarthy, E., Williams, L. M., Rodríguez, C. I.
  2025; 186: 423-433

- **Personalized models of BeamF3 targeting in transcranial magnetic stimulation for depression: Implications for precision clinical translation.** *Brain stimulation*
  Rajasekharan, D., Madore, M. R., Holtzheimer, P., Lim, K. O., Williams, L. M., Philip, N. S.
  2025

- **A Stratified Precision Medicine Trial Targeting Selective Mechanisms of Alpha 2A Agonism as a Treatment for the Cognitive Biotype of Depression: The Biomarker Guided (BIG) Study for Depression.** *Research square*
  Williams, L., Hack, L., Jubeir, J., Hilton, R., Tozzi, L., Boyar, L., Zhang, X., Lyons, T., Jo, B., O'Hara, R., Schatzberg, A.
  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*
  Park, H. R., Egan, L. A., Chilver, M. R., Schofield, P. R., Williams, L. M., Gatt, J. M.
  2024; 182: 166-176

- **EFFECTS OF PSILOCYBIN ON BRAIN CIRCUITS UNDERLYING IMMEDIATE IMPROVEMENT IN TREATMENT-RESISTANT DEPRESSION**
  Zhang, X., Zhai, E., Bertrand, C., Ellis, S., Suppes, T., Williams, L.
  SPRINGERNATURE.2024: 465

- **Two Faces of Reward: Alcohol-Cue and Monetary Assessment of Reward Circuit Functioning Reveals Neural Predictors of Relapse in Alcohol Use Disorder**
  Padula, C., MacNiven, K., Tenekedjieva, L., McCalley, D., Knutson, B., Williams, L.
  SPRINGERNATURE.2024: 217-218

- **Neural circuit basis of pathological anxiety.** *Nature reviews. Neuroscience*
  Akiki, T. J., Jubeir, J., Bertrand, C., Tozzi, L., Williams, L. M.
  2024

- **Long-term cognitive training enhances fluid cognition and brain connectivity in individuals with MCI.** *Translational psychiatry*
  Gozdas, E., Avelar-Pereira, B., Fingerhut, H., Dacorro, L., Jo, B., Williams, L., O'Hara, R., Hosseini, S. M.
  2024; 14 (1): 447

- **The neural connectome of suicidality in adults with mood and anxiety disorders.** *Nature. Mental health*
  Bryant, R. A., Breukelaar, I. A., Williamson, T., Felmingham, K., Williams, L. M., Korgaonkar, M. S.
  2024; 2 (11): 1342-1349

- **Towards a consensus roadmap for a new diagnostic framework for mental disorders.** *European neuropsychopharmacology : the journal of the European College of Neuropsychopharmacology*
  Kas, M. J., Hyman, S., Williams, L. M., Hidalgo-Mazzei, D., Huys, Q. J., Hotopf, M., Cuthbert, B., Lewis, C. M., De Picker, L. J., Lalousis, P. A., Etkin, A., Modinos, G., Marston, et al
  2024; 90: 16-27

- **Decoding Depression: Integrating Brain Connectivity and Symptom Patterns to Uncover Major Depressive Disorder Subtypes.** *Biological psychiatry*
  Williams, L. M.
  2024; 96 (6): 415-416

- **Psychiatric Symptoms, Cognition, and Symptom Severity in Children.** *JAMA psychiatry*
  Pines, A., Tozzi, L., Bertrand, C., Keller, A. S., Zhang, X., Whitfield-Gabrieli, S., Hastie, T., Larsen, B., Leikauf, J., Williams, L. M.
  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*
  Tozzi, L., Bertrand, C., Hack, L., Lyons, T., Olmsted, A., Rajasekharan, D., Chen, T., Berlow, Y. A., Yesavage, J. A., Lim, K., Madore, M. R., Philip, N. S., Holtzheimer, et al
  2024; 2 (8)

- **Neuroimaging for precision medicine in psychiatry.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
  Williams, L. M., Whitfield Gabrieli, S.
  2024

- **Oral ketamine effects on dynamics of functional network connectivity in patients treated for chronic suicidality.** *European archives of psychiatry and clinical neuroscience*
  Shan, Z. Y., Can, A. T., Mohamed, A. Z., Dutton, M., Hermens, D. F., Calhoun, V. D., Williams, L. M., Bennett, M., Lagopoulos, J.
  2024

- **Neurocognitive Moderators of Group Psychotherapy Augmented by Individual Uncluttering Practice (BIT plus) vs Waitlist Control**
  van Roessel, P., Rodriguez, P., Jo, B., Williams, L., Rodriguez, C.
  ELSEVIER SCIENCE INC.2024: S65

- **Targeting the Cognitive Biotype of Depression With a Selective Alpha 2A Receptor Agonist Using a Stratified Precision Medicine Design**
  Hack, L., Jubeir, J., Hilton, R., Tozzi, L., Schatzberg, A., O'Hara, R., Williams, L.
  ELSEVIER SCIENCE INC.2024: S165

- **Cognitive control circuit function predicts antidepressant outcomes: A signal detection approach to actionable clinical decisions.** *Personalized medicine in psychiatry*
  Williams, L. M., Yesavage, J.
  2024; 45-46

- **Insight From Integrating Objective Data Into Psychiatric Encounters** *PSYCHIATRIC ANNALS*
  Hack, L. M., Williams, L. M.
  2024; 54 (4): e113-e118

- **Precision Medicine in Psychiatry** *PSYCHIATRIC ANNALS*
  Williams, L. M.
  2024; 54 (4): e101-e102

- **Transdiagnostic Mood, Anxiety and Trauma Symptom Factors in Alcohol Use Disorder: Neural Correlates Across Three Brain Networks.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*
  Tenekedjieva, L. T., McCalley, D. M., Goldstein-Piekarski, A. N., Williams, L. M., Padula, C. B.
  2024

- **Transdiagnostic neurocognitive dysfunction in children and adolescents with mental illness** *NATURE MENTAL HEALTH*
  Hilton, R. A., Tozzi, L., Nesamoney, S., Kozlowska, K., Kohn, M. R., Harris, A., Clarke, S., Williams, L. M.
  2024; 2 (3)

- **A pilot, randomized clinical trial: Left dorsolateral prefrontal cortex intermittent theta burst stimulation improves treatment outcomes in veterans with alcohol use disorder.** *Alcohol, clinical & experimental research*
  Padula, C. B., McCalley, D. M., Tenekedjieva, L., MacNiven, K., Rauch, A., Morales, J. M., Knutson, B., Humphreys, K., Williams, L. M., Durazzo, T. C.
  2024; 48 (1): 164-177

- **On Stress: Combining Human Factors and Biosignals to Inform the Placement and Design of a Skin-like Stress Sensor**
  Khan, Y., Mauriello, M., Nowruzi, P., Motani, A., Hon, G., Vitale, N., Li, J., Kim, J., Foudeh, A., Duvio, D., Shols, E., Chesnut, M., Landay, et al
  ASSOC COMPUTING MACHINERY.2024

- **Heritability of cognitive and emotion processing during functional MRI in a twin sample.** *Human brain mapping*
  Park, H. R., Chilver, M. R., Quidé, Y., Montalto, A., Schofield, P. R., Williams, L. M., Gatt, J. M.
  2024; 45 (1): e26557

- **Features of immunometabolic depression as predictors of antidepressant treatment outcomes: pooled analysis of four clinical trials.** *The British journal of psychiatry : the journal of mental science*
  Vreijling, S. R., Chin Fatt, C. R., Williams, L. M., Schatzberg, A. F., Usherwood, T., Nemeroff, C. B., Rush, A. J., Uher, R., Aitchison, K. J., Köhler-Forsberg, O., Rietschel, M., Trivedi, M. H., Jha, et al
  2023: 1-9

- **Integrating Neural Circuit and Behavioral Measures to Define and Personalize Treatments for a Cognitive Biotype of Depression**
  Williams, L.
  SPRINGERNATURE.2023: 15

- **Exponential Decay: A Generalized Nonlinear Model of Antidepressant Response**
  Berlow, Y., Vakili, A., Williams, L., Price, L., Philip, N.
  SPRINGERNATURE.2023: 260-261

- **Left Dorsolateral Prefrontal Cortex Intermittent Theta Burst Stimulation Improves Treatment Outcomes in Veterans With Alcohol Use Disorder: A Randomized, Sham-Controlled Clinical Pilot Trial**
  McCalley, D., Tenekedjieva, L., MacNiven, K., Rauch, A., Morales, J., Knutson, B., Humphreys, K., Williams, L., Durazzo, T., Padula, C.
  SPRINGERNATURE.2023: 449

- **Cognitive Behavioral Therapy Effects in Cognitive Function in Adults With Hoarding Disorder: Behavior and Neuroimaging Data**
  Rodriguez, P., Pines, A., Zhang, X., Williams, L., Rodriguez, C.
  SPRINGERNATURE.2023: 306-307

- **Modifying the Emotion Regulation Brain Network in Depression: Mechanistic Insights From a Clinical Trial of Cognitive-Behavioral Therapy for Insomnia**
  Krause, A., Izabel, S., Osorno, R., Solomon, N., Ahmadi, M., Lam, P., Magana, O., Blozyte, E., Cirelli, A., Harris, L., Bernert, R., Williams, L., Gross, et al
  SPRINGERNATURE.2023: 208-209

- **GWAS Meta-Analysis of Suicide Attempt: Identification of 12 Genome-Wide Significant Loci and Implication of Genetic Risks for Specific Health Factors.** *The American journal of psychiatry*
  Docherty, A. R., Mullins, N., Ashley-Koch, A. E., Qin, X., Coleman, J. R., Shabalin, A., Kang, J., Murnyak, B., Wendt, F., Adams, M., Campos, A. I., DiBlasi, E., Fullerton, et al
  2023; 180 (10): 723-738

- **Precision psychiatry and Research Domain Criteria: Implications for clinical trials and future practice.** *CNS spectrums*
  Williams, L. M., Carpenter, W. T., Carretta, C., Papanastasiou, E., Vaidyanathan, U.
  2023: 1-14

- **Mediating Effects of Neural Targets on Depression, Weight, and Anxiety Outcomes of an Integrated Collaborative Care Intervention: The ENGAGE-2 Mechanistic Pilot Randomized Clinical Trial.** *Biological psychiatry global open science*
  Lv, N., Ajilore, O. A., Xiao, L., Venditti, E. M., Lavori, P. W., Gerber, B. S., Snowden, M. B., Wittels, N. E., Ronneberg, C. R., Stetz, P., Barve, A., Shrestha, R., Dosala, et al
  2023; 3 (3): 430-442

- **Biological predictors and markers of psychotherapy outcome in Posttraumatic Stress Disorder: Evidence from genetic, epigenetic, gene expression, and neuroimaging research**

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, et al

TAYLOR & FRANCIS LTD.2023

- **UNRAVELing the synergistic effects of psilocybin and environment on brain-wide immediate early gene expression in mice.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*

  Rijsketic, D. R., Casey, A. B., Barbosa, D. A., Zhang, X., Hietamies, T. M., Ramirez-Ovalle, G., Pomrenze, M. B., Halpern, C. H., Williams, L. M., Malenka, R. C., Heifets, B. D.

  2023

- **The effects of ketamine on symptoms of depression and anxiety in real-world care settings: A retrospective controlled analysis.** *Journal of affective disorders*

  Hietamies, T. M., McInnes, L. A., Klise, A. J., Worley, M. J., Qian, J. J., Williams, L. M., Heifets, B. D., Levine, S. P.

  2023

- **Modeling the antidepressant treatment response to transcranial magnetic stimulation using an exponential decay function.** *Scientific reports*

  Berlow, Y. A., Zandvakili, A., Brennan, M. C., Williams, L. M., Price, L. H., Philip, N. S.

  2023; 13 (1): 7138

- **Cognitive Control Predicts Alleviation of OCD Symptoms by Ketamine**

  Van Roessel, P., Asgari, S., Jo, B., Williams, L., Rodriguez, C.

  ELSEVIER SCIENCE INC.2023: S311-S312

- **Affective Neural Circuits and Inflammatory Markers Linked to Depression and Anxiety Symptoms in Patients With Comorbid Obesity**

  Tsai, P., Hallihan, H., Lv, N., Xiao, L., Bernabe, B., Wu, Y., Pandey, G., Williams, L., Ajilore, O., Ma, J.

  ELSEVIER SCIENCE INC.2023: S323

- **A Cognitive Biotype of Depression Linking Symptoms, Behavior Measures, Neural Circuits, and Treatment Outcomes**

  Hack, L., Tozzi, L., Zenteno, S., Olmsted, A., Hilton, R., Yesavage, J., Schatzberg, A., O'Hara, R., Williams, L.

  ELSEVIER SCIENCE INC.2023: S72-S73

- **Ketamine's Acute Effects on Negative Brain States are Mediated Through Distinct Altered States in Humans**

  Zhang, X., Hack, L., Heifets, B., Suppes, T., Van Roessel, P., Yesavage, J., Gray, N., Hilton, R., Rodriguez, C., Deisseroth, K., Knutson, B., Williams, L.

  ELSEVIER SCIENCE INC.2023: S312

- **Acute Effects of MDMA on Negative Affective Brain Circuit Function: A Randomized Controlled Mechanistic Trial**

  Hack, L., Zhang, X., Heifets, B., Suppes, T., van Roessel, P., Yesavage, J., Gray, N., Hilton, R., Rodriguez, C., Deisseroth, K., Knutson, B., Williams, L.

  ELSEVIER SCIENCE INC.2023: S88

- **Efficacy of Ketamine in Unmedicated Adults With OCD: A Randomized Controlled Trial**

  Rodriguez, C., Chen, C., Glover, G., Jo, B., Spielman, D., Williams, L., van Roessel, P., DeBattista, C., Wintermark, M., Lombardi, A., Pinto, A., Valentine, K., Filippou-Frye, et al

  ELSEVIER SCIENCE INC.2023: S83

- **Acute Effects of MDMA on Intrinsic Functional Connectomes Associated With Altered States of Consciousness and Defensiveness**

  Zhang, X., Hack, L., Heifets, B., Suppes, T., van Roessel, P., Yesavage, J., Gray, N., Hilton, R., Rodriguez, C., Deisseroth, K., Knutson, B., Williams, L.

  ELSEVIER SCIENCE INC.2023: S87-S88

- **Acute Effects of MDMA on Negative Affective Brain Circuit Function: A Randomized Controlled Mechanistic Trial**

  Hack, L., Zhang, X., Heifets, B., Suppes, T., van Roessel, P., Yesavage, J., Gray, N., Hilton, R., Rodriguez, C., Deisseroth, K., Knutson, B., Williams, L.

  ELSEVIER SCIENCE INC.2023: S88

- **Efficacy of Ketamine in Unmedicated Adults With OCD: A Randomized Controlled Trial**

  Rodriguez, C., Chen, C., Glover, G., Jo, B., Spielman, D., Williams, L., van Roessel, P., DeBattista, C., Wintermark, M., Lombardi, A., Pinto, A., Valentine, K., Filippou-Frye, et al

  ELSEVIER SCIENCE INC.2023: S83

- **Acute Effects of MDMA on Intrinsic Functional Connectomes Associated With Altered States of Consciousness and Defensiveness**
  Zhang, X., Hack, L., Heifets, B., Suppes, T., van Roessel, P., Yesavage, J., Gray, N., Hilton, R., Rodriguez, C., Deisseroth, K., Knutson, B., Williams, L.
  ELSEVIER SCIENCE INC.2023: S87-S88

- **Predicting wellbeing over one year using sociodemographic factors, personality, health behaviours, cognition, and life events.** *Scientific reports*
  Chilver, M. R., Champaigne-Klassen, E., Schofield, P. R., Williams, L. M., Gatt, J. M.
  2023; 13 (1): 5565

- **Changes in neural responses during affective and non-affective tasks and improvement of posttraumatic stress disorder symptoms following trauma-focused psychotherapy.** *Translational psychiatry*
  Korgaonkar, M. S., Felmingham, K. L., Malhi, G. S., Williamson, T. H., Williams, L. M., Bryant, R. A.
  2023; 13 (1): 85

- **Associations between mental wellbeing and fMRI neural bases underlying responses to positive emotion in a twin sample.** *Psychological medicine*
  Park, H. R., Chilver, M. R., Montalto, A., Jamshidi, J., Schofield, P. R., Williams, L. M., Gatt, J. M.
  2023; 53 (4): 1215-1223

- **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*
  Lv, N., Hallihan, H., Xiao, L., Williams, L. M., Ajilore, O. A., Ma, J.
  2023; 153 (3): 880-896

- **UNRAVELing the synergistic effects of psilocybin and environment on brain-wide immediate early gene expression in mice.** *bioRxiv : the preprint server for biology*
  Rijsketic, D. R., Casey, A. B., Barbosa, D. A., Zhang, X., Hietamies, T. M., Ramirez-Ovalle, G., Pomrenze, M., Halpern, C. H., Williams, L. M., Malenka, R. C., Heifets, B. D.
  2023

- **Development of top-down cortical propagations in youth.** *Neuron*
  Pines, A., Keller, A. S., Larsen, B., Bertolero, M., Ashourvan, A., Bassett, D. S., Cieslak, M., Covitz, S., Fan, Y., Feczko, E., Houghton, A., Rueter, A. R., Saggar, et al
  2023

- **Affective neural circuits and inflammatory markers linked to depression and anxiety symptoms in patients with comorbid obesity.** *Journal of psychiatric research*
  Hallihan, H., Tsai, P., Lv, N., Xiao, L., Penalver Bernabe, B., Wu, Y., Pandey, G. N., Williams, L. M., Ajilore, O. A., Ma, J.
  2023; 160: 9-18

- **Association of Neural Connectome With Early Experiences of Abuse in Adults.** *JAMA network open*
  Korgaonkar, M. S., Breukelaar, I. A., Felmingham, K., Williams, L. M., Bryant, R. A.
  2023; 6 (1): e2253082

- **Anosognosia in hoarding disorder is predicted by alterations in cognitive and inhibitory control.** *Scientific reports*
  van Roessel, P. J., Marzke, C., Varias, A. D., Mukunda, P., Asgari, S., Sanchez, C., Shen, H., Jo, B., Gunaydin, L. A., Williams, L. M., Rodriguez, C. I.
  2022; 12 (1): 21752

- **Cognitive Control Predicts Alleviation of OCD Symptoms by Ketamine**
  van Roessel, P., Asgari, S., Jo, B., Williams, L., Rodriguez, C.
  SPRINGERNATURE.2022: 302

- **Predicting the Likelihood of Remission With Antidepressant Medication in Depression: A Practical PatientLevel Machine Learning Approach**
  Fischer, A., Fleming, S., Hagan, K., Holt-Gosselin, B., Schatzberg, A., Williams, L.
  SPRINGERNATURE.2022: 254-255

- **Efficacy of Ketamine in Unmedicated Adults With Obsessive-Compulsive Disorder: A Randomized Controlled Trial**
  Rodriguez, C., Chen, C., Glover, G., Jo, B., Spielman, D., Williams, L., Van Roessel, P., DeBattista, C., Flood, P., Ringold, A., Wintermark, M., Anderson, K., Linkovski, et al

SPRINGERNATURE.2022: 302-303

- **Cognitive Control Predicts Alleviation of OCD Symptoms by Ketamine**
  van Roessel, P., Asgari, S., Jo, B., Williams, L., Rodriguez, C.
  SPRINGERNATURE.2022: 302
- **Efficacy of Ketamine in Unmedicated Adults With Obsessive-Compulsive Disorder: A Randomized Controlled Trial**
  Rodriguez, C., Chen, C., Glover, G., Jo, B., Spielman, D., Williams, L., van Roessel, P., DeBattista, C., Flood, P., Ringold, A., Wintermark, M., Anderson, K., Linkovski, et al
  SPRINGERNATURE.2022: 302-303
- **TWIN-10: protocol for a 10-year longitudinal twin study of the neuroscience of mental well-being and resilience.** *BMJ open*
  Park, H. R., Williams, L. M., Turner, R. M., Gatt, J. M.
  2022; 12 (7): e058918
- **Intrinsic Functional Connectivity in the Default Mode Network Differentiates the Combined and Inattentive Attention Deficit Hyperactivity Disorder Types.** *Frontiers in human neuroscience*
  Saad, J. F., Griffiths, K. R., Kohn, M. R., Braund, T. A., Clarke, S., Williams, L. M., Korgaonkar, M. S.
  2022; 16: 859538
- **Valence processing alterations in SAPAP3 knockout mice and human OCD.** *Journal of psychiatric research*
  Kajs, B. L., van Roessel, P. J., Davis, G. L., Williams, L. M., Rodriguez, C. I., Gunaydin, L. A.
  2022; 151: 657-666
- **Association of COVID-19 impact with outcomes of an integrated obesity and depression intervention: Posthoc analysis of an RCT.** *Obesity research & clinical practice*
  Kringle, E. A., Lv, N., Ronneberg, C. R., Wittels, N., Rosas, L. G., Steinman, L. E., Smyth, J. M., Gerber, B. S., Xiao, L., Venditti, E. M., Ajilore, O. A., Williams, L. M., Ma, et al
  2022
- **Mapping Brain Circuit Function to Symptoms and Behavioral Dimensions of Depression and Anxiety**
  Williams, L.
  ELSEVIER SCIENCE INC.2022: S52
- **Acute Ketamine Modulates Cognitive Control Network Activity During Cognitive Inhibition: Evidence From a Mechanistic Trial**
  Zhang, X., Hack, L., Brawer, J., Gray, N., Heifets, B., Suppes, T., van Roessel, P., Rodriguez, C., Knutson, B., Williams, L.
  ELSEVIER SCIENCE INC.2022: S225
- **Deconstructing Ketamine-Induced Changes in Cortisol and Dissociative and Affective States in a Controlled Mechanistic Study**
  Hack, L. M., Zhang, X., Brawer, J., Gray, N., Heifets, B., Suppes, T., van Roessel, P., Rodriguez, C., Knutson, B., Williams, L.
  ELSEVIER SCIENCE INC.2022: S178-S179
- **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**
  Warthen, K., Keller, A., Williams, L.
  ELSEVIER SCIENCE INC.2022: S227
- **Cross-trial prediction of depression remission using problem-solving therapy: A machine learning approach.** *Journal of affective disorders*
  Kannampallil, T., Dai, R., Lv, N., Xiao, L., Lu, C., Ajilore, O. A., Snowden, M. B., Venditti, E. M., Williams, L. M., Kringle, E. A., Ma, J.
  2022
- **Grey matter covariation and the role of emotion reappraisal in mental wellbeing and resilience after early life stress exposure.** *Translational psychiatry*
  Park, H. R., Quide, Y., Schofield, P. R., Williams, L. M., Gatt, J. M.
  2022; 12 (1): 85
- **Negative association between anterior insula activation and resilience during sustained attention: an fMRI twin study** *PSYCHOLOGICAL MEDICINE*
  Montalto, A., Park, H. R. P., Williams, L. M., Korgaonkar, M. S., Chilver, M. R., Jamshidi, J., Schofield, P. R., Gatt, J. M.
  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*
  Hagerty, S. L., Williams, L. M.
  2022

- **Targeting the Salience Network: A Mini-Review on a Novel Neuromodulation Approach for Treating Alcohol Use Disorder.** *Frontiers in psychiatry*
  Padula, C. B., Tenekedjieva, L., McCalley, D. M., Al-Dasouqi, H., Hanlon, C. A., Williams, L. M., Kozel, F. A., Knutson, B., Durazzo, T. C., Yesavage, J. A., Madore, M. R.
  2022; 13: 893833

- **Attention enhances category representations across the brain with strengthened residual correlations to ventral temporal cortex.** *NeuroImage*
  Keller, A. S., Jagadeesh, A., Bugatus, L., Williams, L. M., Grill-Spector, K.
  2022: 118900

- **Spatial attention impairments are characterized by specific electroencephalographic correlates and partially mediate the association between early life stress and anxiety (Dec, 10.3758/s13415-021-00963-0, 2021)** *COGNITIVE AFFECTIVE & BEHAVIORAL NEUROSCIENCE*
  Keller, A. S., Ling, R., Williams, L. M.
  2021

- **Neural correlates of emotional processing in panic disorder.** *NeuroImage. Clinical*
  Korgaonkar, M. S., Tran, J., Felmingham, K. L., Williams, L. M., Bryant, R. A.
  2021; 32: 102902

- **Baseline Intrinsic Functional Brain Connectomes Predict Treatment Outcome for Depression Comorbid With Obesity: A Report From the Engage Randomized Controlled Trial**
  Zhang, X., Stetz, P., Goldstein-Piekarski, A. N., Xiao, L., Lv, N., Rosas, L. G., Snowden, M. B., Smyth, J. M., Suppes, T., Ajilore, O., Williams, L. M.
  SPRINGERNATURE.2021: 281

- **Survivors of SARS-CoV-2 Infection Show Neuropsychiatric Sequelae Measured by Surveys, Neurocognitive Testing, and Magnetic Resonance Imaging: Preliminary Results**
  Hack, L., Brawer, J., Zhang, X., Wintermark, M., Jiang, B., Stetz, P., Yesavage, J., Grant, P., Bonilla, H., Subramanian, A., Williams, L.
  SPRINGERNATURE.2021: 205-206

- **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**
  Hagerty, S., Zhang, X., Tozzi, L., Williams, L.
  SPRINGERNATURE.2021: 516-517

- **Mapping Dimensions of Neural Circuits to Symptoms, Behaviors and Treatments Across Mood and Anxiety Disorders**
  Williams, L.
  SPRINGERNATURE.2021: 42

- **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*
  Keller, A. S., Ling, R., Williams, L. M.
  2021

- **Emotional face processing correlates with depression/anxiety symptoms but not wellbeing in non-clinical adults: An event-related potential study.** *Journal of psychiatric research*
  Chilver, M. R., Park, H. R., Schofield, P. R., Clark, C. R., Williams, L. M., Gatt, J. M.
  2021; 145: 18-26

- **Convergence, preliminary findings and future directions across the four human connectome projects investigating mood and anxiety disorders.** *NeuroImage*
  Tozzi, L., Anene, E. T., Gotlib, I. H., Wintermark, M., Kerr, A. B., Wu, H., Seok, D., Narr, K. L., Sheline, Y. I., Whitfield-Gabrieli, S., Williams, L. M.
  2021: 118694

- **Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors.** *Biological psychiatry*

Mullins, N., Kang, J., Campos, A. I., Coleman, J. R., Edwards, A. C., Galfalvy, H., Levey, D. F., Lori, A., Shabalin, A., Starnawska, A., Su, M., Watson, H. J., Adams, et al

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*

  Lv, N., Lefferts, W. K., Xiao, L., Goldstein-Piekarski, A. N., Wielgosz, J., Lavori, P. W., Simmons, J. M., Smyth, J. M., Stetz, P., Venditti, E. M., Lewis, M. A., Rosas, L. G., Snowden, et al

  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*

  Holt-Gosselin, B., Keller, A. S., Chesnut, M., Ling, R., Grisanzio, K. A., Williams, L. M.

  2021; 295: 366-376

- **Cognitive and Executive Contributions to Trail-Making Task Performance on Adolescents With and Without Attention Deficit Hyperactivity Disorder.** *Journal of attention disorders*

  Harvie, G., Braund, T. A., Kohn, M. R., Korgaonkar, M. S., Clarke, S., Williams, L. M., Griffiths, K. R.

  2021: 10870547211036743

- **Associations between mental wellbeing and fMRI neural bases underlying responses to positive emotion in a twin sample** *PSYCHOLOGICAL MEDICINE*

  Park, H. R. P., Chilver, M. R., Montalto, A., Jamshidi, J., Schofield, P. R., Williams, L. M., Gatt, J. M.

  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*

  Gatt, J. M., Burton, K. L., Schofield, P. R., Bryant, R. A., Williams, L. M.

  2021; 304: 114141

- **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*

  Holt-Gosselin, B., Tozzi, L., Ramirez, C. A., Gotlib, I. H., Williams, L. M.

  2021

- **THE ROLE OF NEURAL REWARD EXPECTANCY AND VALUATION IN READINESS TO CHANGE AMONG TREATMENT SEEKING VETERANS WITH ALCOHOL USE DISORDER: IMPLICATIONS FOR TREATMENT**

  Hagerty, S. L., Durazzo, T. C., Williams, L. M., Padula, C. B.

  WILEY.2021: 110A

- **FUNCTIONAL NEUROIMAGING MARKERS OF REWARD, CUE REACTIVITY, AND NEGATIVE EMOTIONALITY IMPROVE THE PREDICTION OF TREATMENT OUTCOMES IN AUD**

  Padula, C. B., Durazzo, T. C., MacNiven, K., Dwyer, C., Nguyen, L., Weitlauf, J. C., Humphreys, K., Williams, L. M.

  WILEY.2021: 72A

- **Early changes in neural circuit function engaged by negative emotion and modified by behavioural intervention are associated with depression and problem-solving outcomes: A report from the ENGAGE randomized controlled trial.** *EBioMedicine*

  Goldstein-Piekarski, A. N., Wielgosz, J., Xiao, L., Stetz, P., Correa, C. G., Chang, S. E., Lv, N., Rosas, L. G., Lavori, P. W., Snowden, M. B., Venditti, E. M., Simmons, J. M., Smyth, et al

  2021; 67: 103387

- **Relating whole-brain functional connectivity to self-reported negative emotion in a large sample of young adults using group regularized canonical correlation analysis.** *NeuroImage*

  Tozzi, L., Tuzhilina, E., Glasser, M. F., Hastie, T. J., Williams, L. M.

  2021: 118137

- **Activation of Cognitive Control Network During Inhibition Processing Dynamically Predicts Symptom Outcomes for Depression: A 24-month Longitudinal Study**

  Zhang, X., Stetz, P., Goldstein-Piekarski, A. N., Xiao, L., Lv, N., Rosas, L. G., Lavori, P. W., Snowden, M. B., Venditti, E. M., Simmons, J. M., Smyth, J. M., Suppes, T., Lewis, et al

  ELSEVIER SCIENCE INC.2021: S98

- **Society of Biological Psychiatry's 2021 Meeting: A once-in-a-lifetime event!** *Biological psychiatry*
  Lewis, D. A., Williams, L., Satterthwaite, T.
  2021; 89 (9S): A11

- **Predictors of Wellbeing and Wellbeing Change Over a 12-Month Period in 1,327 Twins**
  Gatt, J., Chilver, M., Champaigne-Klassen, E., Park, H., Jamshidi, J., Montalto, A., Schofield, P., Williams, L. M.
  ELSEVIER SCIENCE INC.2021: S315-S316

- **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**
  Keller, A., Li, J., Qiu, S., Berwian, I. M., Huys, Q., Williams, L. M.
  ELSEVIER SCIENCE INC.2021: S336-S337

- **Striato-Cortical Neuroimaging Markers in the Reward Network Distinguish Melancholic Depression and Response to Treatment: An iSPOT-D Report**
  Hack, L. M., Zhang, X., Williams, L. M.
  ELSEVIER SCIENCE INC.2021: S270

- **The Role of Neural Reward Expectancy and Valuation in Readiness to Change Among Treatment Seeking Veterans With Alcohol Use Disorder (AUD)**
  Hagerty, S. L., Durazzo, T. C., Williams, L. M., Padula, C. B.
  ELSEVIER SCIENCE INC.2021: S342

- **Negative Association Between the Bilateral Anterior Insula and Resilience During a Continuous Performance Task: An fMRI Twin Study**
  Montalto, A., Park, H. R. P., Williams, L. M., Korgaonkar, M. S., Chilver, M. R., Jamshidi, J., Schofield, P., Gatt, J. M.
  ELSEVIER SCIENCE INC.2021: S175-S176

- **Distinct Electrophysiological Markers of Mental Wellbeing and Mental Illness Symptoms in 422 Healthy Adults**
  Chilver, M., Keller, A. S., Park, H., Jamshidi, J., Montalto, A., Schofield, P., Clark, R., Harmon-Jones, E., Williams, L., Gatt, J.
  ELSEVIER SCIENCE INC.2021: S163-S164

- **Default Mode Network Moderates the Relationship Between Lifestyle Changes and Natural Improvements in Clinical Symptoms Over Time in Untreated Participants**
  Holt-Gosselin, B., Keller, A., Chesnut, M., Williams, L.
  ELSEVIER SCIENCE INC.2021: S111

- **Neural activity during response inhibition associated with improvement of dysphoric symptoms of PTSD after trauma-focused psychotherapy-an EEG-fMRI study.** *Translational psychiatry*
  Bryant, R. A., Williamson, T., Erlinger, M., Felmingham, K. L., Malhi, G., Hinton, M., Williams, L., Korgaonkar, M. S.
  2021; 11 (1): 218

- **Structural brain network topology underpinning ADHD and response to methylphenidate treatment.** *Translational psychiatry*
  Griffiths, K. R., Braund, T. A., Kohn, M. R., Clarke, S., Williams, L. M., Korgaonkar, M. S.
  2021; 11 (1): 150

- **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*
  Williams, L. M., Coman, J. T., Stetz, P. C., Walker, N. C., Kozel, F. A., George, M. S., Yoon, J., Hack, L. M., Madore, M. R., Lim, K. O., Philip, N. S., Holtzheimer, P. E.
  2021; 21 (1): 35

- **White matter anisotropy and response to cognitive behavior therapy for posttraumatic stress disorder.** *Translational psychiatry*
  Korgaonkar, M. S., Felmingham, K. L., Klimova, A. n., Erlinger, M. n., Williams, L. M., Bryant, R. A.
  2021; 11 (1): 14

- **Stress Markers for Mental States and Biotypes of Depression and Anxiety: A Scoping Review and Preliminary Illustrative Analysis.** *Chronic stress (Thousand Oaks, Calif.)*
  Chesnut, M., Harati, S., Paredes, P., Khan, Y., Foudeh, A., Kim, J., Bao, Z., Williams, L. M.
  2021; 5: 24705470211000338

- **A process for reviewing mental health apps: Using the One Mind PsyberGuide Credibility Rating System.** *Digital health*

Neary, M., Bunyi, J., Palomares, K., Mohr, D. C., Powell, A., Ruzek, J., Williams, L. M., Wykes, T., Schueller, S. M.
2021; 7: 20552076211053690

- **Prefrontal Transcranial Magnetic Stimulation for Depression in US Military Veterans - A Naturalistic Cohort Study in the Veterans Health Administration.** *Journal of affective disorders*
  Madore, M. R., Kozel, F. A., Williams, L. M., Green, L. C., George, M. S., Holtzheimer, P. E., Yesavage, J. A., Philip, N. S.
  2021
- **Neural correlates of emotional processing in panic disorder** *NEUROIMAGE-CLINICAL*
  Korgaonkar, M. S., Tran, J., Felmingham, K. L., Williams, L. M., Bryant, R. A.
  2021; 32
- **No support for white matter connectivity differences in the combined and inattentive ADHD presentations.** *PloS one*
  Saad, J. F., Griffiths, K. R., Kohn, M. R., Braund, T. A., Clarke, S., Williams, L. M., Korgaonkar, M. S.
  2021; 16 (5): e0245028
- **StopWatch: Pilot study for an Apple Watch application for youth with ADHD.** *Digital health*
  Leikauf, J. E., Correa, C., Bueno, A. N., Sempere, V. P., Williams, L. M.
  2021; 7: 20552076211001215
- **Reduced functional connectivity of default mode network subsystems in depression: Meta-analytic evidence and relationship with trait rumination.** *NeuroImage. Clinical*
  Tozzi, L. n., Zhang, X. n., Chesnut, M. n., Holt-Gosselin, B. n., Ramirez, C. A., Williams, L. M.
  2021; 30: 102570
- **Accelerated Neuromodulation Therapy for Obsessive-Compulsive Disorder.** *Brain stimulation*
  Williams, N. R., Sudheimer, K. D., Cole, E. J., Varias, A. D., Goldstein-Piekarski, A. N., Stetz, P. n., Lombardi, A. n., Filippou-Frye, M. n., van Roessel, P. n., Anderson, K. n., McCarthy, E. A., Wright, B. n., Sandhu, et al
  2021
- **Sex Moderates Treatment Effects of Integrated Collaborative Care for Comorbid Obesity and Depression: The RAINBOW RCT.** *Annals of behavioral medicine : a publication of the Society of Behavioral Medicine*
  Lv, N. n., Xiao, L. n., Rosas, L. G., Venditti, E. M., Smyth, J. M., Lewis, M. A., Snowden, M. B., Ronneberg, C. R., Williams, L. M., Gerber, B. S., Ajilore, O. A., Patel, A. S., Ma, et al
  2021
- **Ventral-Hippocampal Afferents to Nucleus Accumbens Encode Both Latent Vulnerability and Stress-Induced Susceptibility**
  Fischer, A., Holt-Gosselin, B., Fleming, S., Hack, L., Ball, T., Schatzberg, A., Williams, L.
  SPRINGERNATURE.2020: 312
- **New Nosological Approaches: Competing or Complementary**
  Williams, L., Blanco, C., Kaczkurkin, A., Kotov, R., Krueger, B.
  SPRINGERNATURE.2020: 67
- **The Effect of Selective D3 Agonism on Anhedonia Symptoms and Reward Neurocircuitry in Subjects With MDD and Prominent Anhedonia**
  Hack, L., Keller, A. S., Warthen, K. G., Whicker, C., Williams, L. M.
  SPRINGERNATURE.2020: 96–97
- **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**
  Keller, A., Holt-Gosselin, B., Ling, R., Williams, L.
  SPRINGERNATURE.2020: 379
- **Intrinsic reward circuit connectivity profiles underlying symptom and quality of life outcomes following antidepressant medication: a report from the iSPOT-D trial.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
  Fischer, A. S., Holt-Gosselin, B., Fleming, S. L., Hack, L. M., Ball, T. M., Schatzberg, A. F., Williams, L. M.
  2020
- **The factor structure of depressive symptoms in patients with obesity enrolled in the RAINBOW clinical trial.** *Journal of affective disorders*
  Majd, M., Smyth, J. M., Lv, N., Xiao, L., Snowden, M. B., Venditti, E. M., Williams, L. M., Ajilore, O. A., Suppes, T., Ma, J.
  2020; 281: 367–75

- **Big data in psychiatry: multiomics, neuroimaging, computational modeling, and digital phenotyping.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
  Ressler, K. J., Williams, L. M.
  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*
  Tozzi, L., Fleming, S. L., Taylor, Z. D., Raterink, C. D., Williams, L. M.
  2020; 4 (3): 925–45
- **Test-retest reliability of the human functional connectome over consecutive days: identifying highly reliable portions and assessing the impact of methodological choices.** *Network neuroscience (Cambridge, Mass.)*
  Tozzi, S. L., Fleming, S. L., Taylor, Z. D., Raterink, C. D., Williams, L. M.
  2020; 4 (3): 925-945
- **Neurophysiological markers of attention distinguish bipolar disorder and unipolar depression.** *Journal of affective disorders*
  Barreiros, A. R., Breukelaar, I. A., Chen, W., Erlinger, M., Antees, C., Medway, M., Boyce, P., Hazell, P., Williams, L. M., Malhi, G. S., Harris, A. W., Korgaonkar, M. S.
  2020; 274: 411–19
- **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 (vol 15, e0231743, 2020)** *PLOS ONE*
  Lv, N., Xiao, L., Majd, M., Lavori, P. W., Smyth, J. M., Rosas, L. G., Venditti, E. M., Snowden, M. B., Lewis, M. A., Ward, E., Lesser, L. I., Williams, L. M., Azar, et al
  2020; 15 (8): e0238276
- **Diverse phenotypic measurements of wellbeing: Heritability, temporal stability, and the variance explained by polygenic scores.** *Genes, brain, and behavior*
  Jamshidi, J., Williams, L. M., Schofield, P. R., Park, H. R., Montalto, A., Chilver, M. R., Bryant, R. A., Toma, C., Fullerton, J. M., Gatt, J. M.
  2020: e12694
- **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*
  Lv, N., Ajilore, O. A., Ronneberg, C. R., Venditti, E. M., Snowden, M. B., Lavori, P. W., Xiao, L., Goldstein-Piekarski, A. N., Wielgosz, J., Wittels, N. E., Barve, A., Patel, A. S., Eckley, et al
  2020: 106072
- **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*
  Rajpurkar, P., Yang, J., Dass, N., Vale, V., Keller, A. S., Irvin, J., Taylor, Z., Basu, S., Ng, A., Williams, L. M.
  2020; 3 (6): e206653
- **Electroencephalography profiles as a biomarker of wellbeing: A twin study.** *Journal of psychiatric research*
  Chilver, M. R., Keller, A. S., Park, H. R., Jamshidi, J., Montalto, A., Schofield, P. R., Clark, C. R., Harmon-Jones, E., Williams, L. M., Gatt, J. M.
  2020; 126: 114–21
- **Reappraisal-related neural predictors of treatment response to cognitive behavior therapy for post-traumatic stress disorder.** *Psychological medicine*
  Bryant, R. A., Erlinger, M., Felmingham, K., Klimova, A., Williams, L. M., Malhi, G., Forbes, D., Korgaonkar, M. S.
  2020: 1–11
- **A precision medicine-based, 'fast-fail' approach for psychiatry.** *Nature medicine*
  Williams, L. M., Hack, L. M.
  2020; 26 (5): 653–54
- **Functional Connectivity of Reward Circuitry is a Core Mechanistic Biomarker of Treatment Response and Quality of Life in Depression**
  Holt-Gosselin, B., Fischer, A., Fleming, S., Hack, L., Ball, T., Schatzberg, A., Williams, L. M.
  ELSEVIER SCIENCE INC.2020: S396–S397
- **Beyond "Concentration Difficulties": Probing Attention Impairments in Depression and Anxiety Across Multiple Units of Analysis**

Keller, A., Holt-Gosselin, B., Ling, R., Williams, L. M.
ELSEVIER SCIENCE INC.2020: S124

- **Mechanistic Trial Evaluating the Effect of Repetitive Transcranial Magnetic Stimulation on RDoC Constructs in Treatment-Resistant Depression**
  Hack, L. M., Keller, A. S., Whicker, C., Williams, L. M.
  ELSEVIER SCIENCE INC.2020: S412–S413
- **Clustering of Disordered Emotional States Across Research Domain Criteria Units of Analysis**
  Tozzi, L., Holt-Gosselin, B., Chestnut, M., Whicker, C., Hartley, J., Williams, L.
  ELSEVIER SCIENCE INC.2020: S373
- **Altered Anterior Insula Function Precedes Improved Problem Solving in a Mechanistic Treatment Trial for Depression**
  Wielgosz, J., Goldstein-Piekarski, A., Stetz, P., Xiao, L., Lv, N., Suppes, T., Lavori, P., Ma, J., Williams, L.
  ELSEVIER SCIENCE INC.2020: S248–S249
- **Predicting relapse after alcohol use disorder treatment in a high-risk cohort: The roles of anhedonia and smoking.** *Journal of psychiatric research*
  Nguyen, L., Durazzo, T. C., Dwyer, C. L., Rauch, A. A., Humphreys, K., Williams, L. M., Padula, C. B.
  2020; 126: 1–7
- **Dimensions of anxiety in Major depressive disorder and their use in predicting antidepressant treatment outcome: an iSPOT-D report** *PSYCHOLOGICAL MEDICINE*
  Braund, T. A., Palmer, D. M., Williams, L. M., Harris, A. W. F.
  2020; 50 (6): 1032–42
- **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*
  Rosas, L. G., Xiao, L., Lv, N., Lavori, P. W., Venditti, E. M., Snowden, M. B., Smyth, J. M., Lewis, M. A., Williams, L. M., Suppes, T., Goldstein-Piekarski, A. N., Ma, J.
  2020
- **Using longitudinal prescription data to examine the incidence of other chronic diseases following antidepressant use.** *Journal of psychiatric research*
  Teng, A., Taylor, Z., Pfeffer, J., Williams, L. M.
  2020; 125: 7–12
- **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*
  Tozzi, L., Staveland, B., Holt-Gosselin, B., Chesnut, M., Chang, S. E., Choi, D., Shiner, M. L., Wu, H., Lerma-Usabiaga, G., Sporns, O., Barch, D., Gotlib, I. H., Hastie, et al
  2020: 116715
- **Sex Moderates Treatment Effects in Integrated Behavior Therapy for Comorbid Obesity and Depression**
  Lv, N., Xiao, L., Rosas, L., Venditti, E., Snowden, M., Lewis, M., Williams, L., Smyth, J., Ajilore, O., Gerber, B., Ma, J.
  LIPPINCOTT WILLIAMS & WILKINS.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**
  Ma, J., Lv, N., Xiao, L., Goldstein-Piekarski, A., Wielgosz, J., Lavori, P., Stetz, P., Rosas, L., Venditti, E., Snowden, M., Smyth, J., Lewis, M., Suppes, et al
  LIPPINCOTT WILLIAMS & WILKINS.2020
- **Transforming Psychiatry Through Novel Neuroscience: Computational and Developmental Frameworks Guided by Research Domain Criteria** *BIOLOGICAL PSYCHIATRY*
  Williams, L. M.
  2020; 87 (4): 314–15
- **Transforming Psychiatry Through Novel Neuroscience: Computational and Developmental Frameworks Guided by Research Domain Criteria.** *Biological psychiatry*
  Williams, L. M.

2020; 87 (4): 314-315

- **Correction: Paying attention to attention in depression.** *Translational psychiatry*
  Keller, A. S., Leikauf, J. E., Holt-Gosselin, B., Staveland, B. R., Williams, L. M.
  2020; 10 (1): 64
- **Intrinsic functional connectivity of the default mode and cognitive control networks relate to change in behavioral performance over two years.** *Cortex; a journal devoted to the study of the nervous system and behavior*
  Breukelaar, I. A., Griffiths, K. R., Harris, A. n., Foster, S. L., Williams, L. M., Korgaonkar, M. S.
  2020; 132: 180–90
- **Intrinsic connectomes underlying response to trauma-focused psychotherapy in post-traumatic stress disorder.** *Translational psychiatry*
  Korgaonkar, M. S., Chakouch, C. n., Breukelaar, I. A., Erlinger, M. n., Felmingham, K. L., Forbes, D. n., Williams, L. M., Bryant, R. A.
  2020; 10 (1): 270
- **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*
  Lv, N., Xiao, L., Majd, M., Lavori, P. W., Smyth, J. M., Rosas, L. G., Venditti, E. M., Snowden, M. B., Lewis, M. A., Ward, E., Lesser, L., Williams, L. M., Azar, et al
  2020; 15 (4): e0231743
- **Differential neural predictors of treatment response for fear and dysphoric features of posttraumatic stress disorder.** *Depression and anxiety*
  Bryant, R. A., Erlinger, M. n., Felmingham, K. n., Malhi, G. S., O'Donnell, M. L., Williams, L. M., Korgaonkar, M. S.
  2020
- **THE IMPACT OF COVID-19 ON MENTAL HEALTH: THE INTERACTIVE ROLES OF BRAIN BIOTYPES AND HUMAN CONNECTION.** *Brain, behavior, & immunity health*
  Hagerty, S. L., Williams, L. M.
  2020: 100078
- **The impact of online brain training exercises on experiences of depression, anxiety and emotional wellbeing in a twin sample.** *Journal of psychiatric research*
  Routledge, K. M., Williams, L. M., Harris, A. W., Schofield, P. R., Gatt, J. M.
  2020; 134: 138–49
- **Applying a neural circuit taxonomy in depression and anxiety for personalized psychiatry** *PERSONALIZED PSYCHIATRY*
  Williams, L. M., Goldstein-Piekarski, A. N.
  edited by Baune, B. T.
  2020: 499–519
- **Using the Neuroscience of Fear Extinction for Anxiety Reduction: Study Design, Aims, and Preliminary Data**
  Ball, T., Miri, P., Williams, L.
  NATURE PUBLISHING GROUP.2019: 267–68
- **Anterior Insula Sensitivity to Negative Stimuli is Associated With Adaptive Changes in Problem-Solving Style During Integrated Collaborative Care for Comorbid Depression and Obesity**
  Wielgosz, J., Goldstein-Piekarski, A., Stetz, P., Xiao, L., Ma, J., Williams, L.
  NATURE PUBLISHING GROUP.2019: 456
- **Amygdala Activity to Threat Mediates Depression Outcomes of Integrated Collaborative Care for Comorbid Depression and Obesity**
  Goldstein-Piekarski, A., Wielgosz, J., Stetz, P., Xiao, L., Ma, J., Williams, L.
  NATURE PUBLISHING GROUP.2019: 242–43
- **Clusters of Canonical Neural Circuit Dysfunction are Distinguished by Symptom and Treatment Profiles**
  Williams, L.
  NATURE PUBLISHING GROUP.2019: 7–8
- **Integrating Sleep, Neuroimaging, and Computational Approaches for Precision Psychiatry**
  Williams, L.
  NATURE PUBLISHING GROUP.2019: 12

- **Sleep-wake disorders in Alzheimer's disease: further genetic analyses in relation to objective sleep measures.** *International psychogeriatrics*
  Yesavage, J. A., Noda, A., Heath, A., McNerney, M. W., Domingue, B. W., Hernandez, Y., Benson, G., Hallmayer, J., O'Hara, R., Williams, L. M., Goldstein-Piekarski, A. N., Zeitzer, J. M., Fairchild, et al
  2019: 1–7

- **Neuropsychophysiological correlates of wellbeing using a twin design**
  Gatt, J., Chilver, M., Jamshidi, J., Montalto, A., Schofield, P., Williams, L.
  SPRINGER.2019: 509–10

- **Genetic factors influencing quantitative measures of subjective and psychological wellbeing using the COMPAS-W scale in a healthy Australian twin cohort**
  Jamshidi, J., Montalto, A., Chilver, M., Toma, C., Schofield, P., Williams, L., Fullerton, J., Gatt, J.
  SPRINGER.2019: 511

- **Inhibition-related modulation of salience and frontoparietal networks predicts cognitive control ability and inattention symptoms in children with ADHD.** *Molecular psychiatry*
  Cai, W., Griffiths, K., Korgaonkar, M. S., Williams, L. M., Menon, V.
  2019

- **APPLE WATCH PILOT FOR YOUTH WITH ADHD**
  Leikauf, J. E., Bueno, A. N., Correa, C., Sempere, V., Williams, L. M.
  ELSEVIER SCIENCE INC.2019: S289–S290

- **NEUROPHYSIOLOGICAL CORRELATES OF REWARD ANTICIPATION AND ANHEDONIA IN VETERANS WITH ALCOHOL USE DISORDER**
  Rauch, A., Williams, L., Dwyer, C., Linh-Chi Nguyen, Padula, C.
  WILEY.2019: S119

- **Characterising anxiety in major depressive disorder and its use in predicting antidepressant treatment outcome: An iSPOT-D report** *AUSTRALIAN AND NEW ZEALAND JOURNAL OF PSYCHIATRY*
  Braund, T. A., Palmer, D. M., Williams, L. M., Harris, A. W. F.
  2019; 53 (8): 782–93

- **Profound and reproducible patterns of reduced regional gray matter characterize major depressive disorder.** *Translational psychiatry*
  Hellewell, S. C., Welton, T., Maller, J. J., Lyon, M., Korgaonkar, M. S., Koslow, S. H., Williams, L. M., Rush, A. J., Gordon, E., Grieve, S. M.
  2019; 9 (1): 176

- **Characterizing neurocognitive markers of familial risk for depression using multi-modal imaging, behavioral and self-report measures** *JOURNAL OF AFFECTIVE DISORDERS*
  Watters, A. J., Carpenter, J. S., Harris, A. W. F., Korgaonkar, M. S., Williams, L. M.
  2019; 253: 336–42

- **Task-Evoked Effective Connectivity in Salience and Central Executive Networks Predicts Cognitive Control Ability and Inattention Symptoms in Children With ADHD**
  Cai, W., Griffiths, K., Korgaonkar, M., Williams, L., Menon, V.
  ELSEVIER SCIENCE INC.2019: S234–S235

- **Counts of Small Subgraphs Within the Resting Functional Connectome are Parsimonious, Stable and Individualized Features in Healthy as Well as Disordered Mood**
  Tozzi, L., Fleming, S., Raterink, C., Taylor, Z., Williams, L.
  ELSEVIER SCIENCE INC.2019: S251

- **Electrophysiological Differences Between Individuals With Remitted Bipolar Disorder and Major Depression Compared to Healthy Controls**
  Barreiros, A., Breuklaar, I., Antees, C., Boyce, P., Hazel, P., Williams, L., Malhi, G. S., Korgaonkar, M., Harris, A.
  ELSEVIER SCIENCE INC.2019: S343

- **Using Machine Learning to Characterize Circuit-Based Subtypes in Mood and Anxiety Disorders**
  Young, C., Harati, S., Ball, T., Williams, L.
  ELSEVIER SCIENCE INC.2019: S310

- **Attention Impairments and the "Inattention Biotype" in Major Depressive Disorder**
  Keller, A., Ball, T., Williams, L.

ELSEVIER SCIENCE INC.2019: S244

- **Intrinsic Brain Functional Connectomes in Bipolar Disorder**
  Korgaonkar, M., Chakouch, C., Erlinger, M., Breukelaar, I., Boyce, P., Hazell, P., Williams, L., Malhi, G. S., Harris, A.
  ELSEVIER SCIENCE INC.2019: S258–S259

- **Functional Impacts of Acute Stress on Negative Affective Circuit Function in Anxiety and Depression**
  Goldstein, A., Tozzi, L., Sudheimer, K., Schatzberg, A., Williams, L.
  ELSEVIER SCIENCE INC.2019: S134

- **The effects of bullying in depression on white matter integrity** *BEHAVIOURAL BRAIN RESEARCH*
  Graziano, R. C., Bruce, S. E., Paul, R. H., Korgaonkar, M. S., Williams, L. M.
  2019; 363: 149–54

- **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*
  Griffiths, K. R., Jurigova, B. G., Leikauf, J. E., Palmer, D., Clarke, S. D., Tsang, T. W., Teber, E. T., Kohn, M. R., Williams, L. M.
  2019; 23 (7): 744–53

- **Amygdala Activation and Connectivity to Emotional Processing Distinguishes Asymptomatic Patients With Bipolar Disorders and Unipolar Depression** *BIOLOGICAL PSYCHIATRY-COGNITIVE NEUROSCIENCE AND NEUROIMAGING*
  Korgaonkar, M. S., Erlinger, M., Breukelaar, I. A., Boyce, P., Hazell, P., Antees, C., Foster, S., Grieve, S. M., Gomes, L., Williams, L. M., Harris, A. W. F., Malhi, G. S.
  2019; 4 (4): 361–70

- **Characterising anxiety in major depressive disorder and its use in predicting antidepressant treatment outcome: An iSPOT-D report.** *The Australian and New Zealand journal of psychiatry*
  Braund, T. A., Palmer, D. M., Williams, L. M., Harris, A. W.
  2019: 4867419835933

- **Biomarkers to differentiate bipolar and unipolar depression disorder**
  Chen, W., Breukelaar, I. A., Erlinger, M., Barreiros, A. R., Medway, M., Krishnan, V., Chakouch, C., Antees, C., Foster, S., Gomes, L., Grieve, S., Hazell, P., Boyce, et al
  WILEY.2019: 146–47

- **The Effects of Bullying in Depression on White Matter Integrity.** *Behavioural brain research*
  Graziano, R. C., Bruce, S. E., Paul, R. H., Korgaonkar, M. S., Williams, L. M.
  2019

- **Gender-specific structural abnormalities in major depressive disorder revealed by fixel-based analysis.** *NeuroImage. Clinical*
  Lyon, M., Welton, T., Varda, A., Maller, J. J., Broadhouse, K., Korgaonkar, M. S., Koslow, S. H., Williams, L. M., Gordon, E., Rush, A. J., Grieve, S. M.
  2019; 21: 101668

- **Investigating the neural basis of cognitive control dysfunction in mood disorders.** *Bipolar disorders*
  Breukelaar, I. A., Erlinger, M. n., Harris, A. n., Boyce, P. n., Hazell, P. n., Grieve, S. M., Antees, C. n., Foster, S. n., Gomes, L. n., Williams, L. M., Malhi, G. S., Korgaonkar, M. S.
  2019

- **Precision Psychiatry** *AMERICAN PSYCHIATRIC ASSOCIATION PUBLISHING TEXTBOOK OF PSYCHIATRY, 7TH EDITION*
  Williams, L. M., Ball, T. M., Kircos, C. L.
  edited by Roberts, L. W.
  2019: 771–90

- **Integrating sleep, neuroimaging, and computational approaches for precision psychiatry.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
  Goldstein-Piekarski, A. N., Holt-Gosselin, B. n., O'Hora, K. n., Williams, L. M.
  2019

- **Paying attention to attention in depression.** *Translational psychiatry*
  Keller, A. S., Leikauf, J. E., Holt-Gosselin, B. n., Staveland, B. R., Williams, L. M.
  2019; 9 (1): 279

- **Deep phenotyping of attention impairments and the 'Inattention Biotype' in Major Depressive Disorder.** *Psychological medicine*
  Keller, A. S., Ball, T. M., Williams, L. M.
  2019: 1–10

- **Characterizing neurocognitive markers of familial risk for depression using multi-modal imaging, behavioral and self-report measures.** *Journal of affective disorders*
  Watters, A. J., Carpenter, J. S., Harris, A. W., Korgaonkar, M. S., Williams, L. M.
  2019; 253: 336–42

- **Dimensions of anxiety in Major depressive disorder and their use in predicting antidepressant treatment outcome: an iSPOT-D report.** *Psychological medicine*
  Braund, T. A., Palmer, D. M., Williams, L. M., Harris, A. W.
  2019: 1–11

- **Heart rate variability as a biomarker of anxious depression response to antidepressant medication** *DEPRESSION AND ANXIETY*
  Kircanski, K., Williams, L. M., Gotlib, I. H.
  2019; 36 (1): 63–71

- **Gender-specific structural abnormalities in major depressive disorder revealed by fixel-based analysis** *NEUROIMAGE-CLINICAL*
  Lyon, M., Welton, T., Varda, A., Maller, J. J., Broadhouse, K., Korgaonkar, M. S., Koslow, S. H., Williams, L. M., Gordon, E., Rush, A., Grieve, S. M.
  2019; 21

- **Cognitive ability is associated with changes in the functional organization of the cognitive control brain network** *HUMAN BRAIN MAPPING*
  Breukelaar, I. A., Williams, L. M., Antees, C., Grieve, S. M., Foster, S. L., Gomes, L., Korgaonkar, M. S.
  2018; 39 (12): 5028–38

- **Functional Impacts of Acute Stress on Negative Affective Circuit Function in Anxiety and Depression**
  Goldstein-Piekarski, A., Tozzi, L., Sudheimer, K., Schatzberg, A., Williams, L.
  NATURE PUBLISHING GROUP.2018: S232

- **Striatal dopamine deficits predict reductions in striatal functional connectivity in major depression: a concurrent 11C-raclopride positron emission tomography and functional magnetic resonance imaging investigation.** *Translational psychiatry*
  Hamilton, J. P., Sacchet, M. D., Hjornevik, T., Chin, F. T., Shen, B., Kampe, R., Park, J. H., Knutson, B. D., Williams, L. M., Borg, N., Zaharchuk, G., Camacho, M. C., Mackey, et al
  2018; 8 (1): 264

- **Striatal dopamine deficits predict reductions in striatal functional connectivity in major depression: a concurrent C-11-raclopride positron emission tomography and functional magnetic resonance imaging investigation** *TRANSLATIONAL PSYCHIATRY*
  Hamilton, J., Sacchet, M. D., Hjornevik, T., Chin, F. T., Shen, B., Kampe, R., Park, J., Knutson, B. D., Williams, L. M., Borg, N., Zaharchuk, G., Camacho, M., Mackey, et al
  2018; 8

- **A negative association between brainstem pontine grey-matter volume, well-being and resilience in healthy twins** *JOURNAL OF PSYCHIATRY & NEUROSCIENCE*
  Gatt, J. M., Burton, K. L. O., Routledge, K. M., Grasby, K. L., Korgaonkar, M. S., Grieve, S. M., Schofield, P. R., Harris, A. W. F., Clark, C., Williams, L. M.
  2018; 43 (6): 386–95

- **A negative association between brainstem pontine grey-matter volume, well-being and resilience in healthy twins** *Journal of psychiatry & neuroscience : JPN*
  Gatt, J. M., Burton, K. L., Routledge, K. M., Grasby, K. L., Korgaonkar, M. S., Grieve, S. M., Schofield, P. R., Harris, A. W., Clark, C. R., Williams, L. M.
  2018; 43 (6): 386–95

- **Heart rate variability as a biomarker of anxious depression response to antidepressant medication.** *Depression and anxiety*
  Kircanski, K., Williams, L. M., Gotlib, I. H.
  2018

- **Multi-unit relations among neural, self-report, and behavioral correlates of emotion regulation in comorbid depression and obesity** *SCIENTIFIC REPORTS*
  Pines, A. R., Sacchet, M. D., Kullar, M., Ma, J., Williams, L. M.

2018; 8

- **Multi-unit relations among neural, self-report, and behavioral correlates of emotion regulation in comorbid depression and obesity.** *Scientific reports*
  Pines, A. R., Sacchet, M. D., Kullar, M., Ma, J., Williams, L. M.
  2018; 8 (1): 14032

- **Effect of Repetitive Transcranial Magnetic Stimulation on Treatment-Resistant Major Depression in US Veterans A Randomized Clinical Trial** *JAMA PSYCHIATRY*
  Yesavage, J. A., Fairchild, J., Mi, Z., Biswas, K., Davis-Karim, A., Phibbs, C. S., Forman, S. D., Thase, M., Williams, L. M., Etkin, A., O'Hara, R., Georgette, G., Beale, et al
  2018; 75 (9): 884–93

- **Amygdala Activation and Connectivity to Emotional Processing Distinguishes Asymptomatic Patients With Bipolar Disordersand Unipolar Depression.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*
  Korgaonkar, M. S., Erlinger, M., Breukelaar, I. A., Boyce, P., Hazell, P., Antees, C., Foster, S., Grieve, S. M., Gomes, L., Williams, L. M., Harris, A. W., Malhi, G. S.
  2018

- **Cognitive ability is associated with changes in the functional organization of the cognitive control brain network.** *Human brain mapping*
  A Breukelaar, I., Williams, L. M., Antees, C., Grieve, S. M., Foster, S. L., Gomes, L., Korgaonkar, M. S.
  2018

- **Resting-State Functional MRI: Everything That Nonexperts Have Always Wanted to Know** *AMERICAN JOURNAL OF NEURORADIOLOGY*
  Lv, H., Wang, Z., Tong, E., Williams, L. M., Zaharchuk, G., Zeineh, M., Goldstein-Piekarski, A. N., Ball, T. M., Liao, C., Wintermark, M.
  2018; 39 (8): 1390–99

- **Resting-State Functional MRI: Everything That Nonexperts Have Always Wanted to Know.** *AJNR. American journal of neuroradiology*
  Lv, H., Wang, Z., Tong, E., Williams, L. M., Zaharchuk, G., Zeineh, M., Goldstein-Piekarski, A. N., Ball, T. M., Liao, C., Wintermark, M.
  2018; 39 (8): 1390–99

- **Response inhibition and emotional cognition improved by atomoxetine in children and adolescents with ADHD: The ACTION randomized controlled trial** *JOURNAL OF PSYCHIATRIC RESEARCH*
  Griffiths, K. R., Leikauf, J. E., Tsang, T. W., Clarke, S., Hermens, D. F., Efron, D., Williams, L. M., Kohn, M. R.
  2018; 102: 57–64

- **Electrocortical reactivity to negative and positive facial expressions in individuals with a family history of major depression** *BIOLOGICAL PSYCHOLOGY*
  Watters, A. J., Harris, A. W. F., Williams, L. M.
  2018; 136: 127–35

- **A negative association between brainstem pontine grey-matter volume, well-being and resilience in healthy twins.** *Journal of psychiatry & neuroscience : JPN*
  Gatt, J. M., Burton, K. L., Routledge, K. M., Grasby, K. L., Korgaonkar, M. S., Grieve, S. M., Schofield, P. R., Harris, A. W., Clark, C. R., Williams, L. M.
  2018; 43 (5): 170125

- **More Research Needed on the Association Between Genotype and Antidepressant Response: Response to Fabbri et al.** *The American journal of psychiatry*
  Williams, L. M.
  2018; 175 (6): 576–77

- **Response to 'Pitfalls of big data'.** *The Australian and New Zealand journal of psychiatry*
  Dipnall, J. F., Pasco, J. A., Berk, M., Williams, L. J., Dodd, S., Jacka, F. N., Meyer, D.
  2018; 52 (6): 604-605

- **Genetic correlations between wellbeing, depression and anxiety symptoms and behavioral responses to the emotional faces task in healthy twins** *PSYCHIATRY RESEARCH*
  Routledge, K. M., Williams, L. M., Harris, A. W. F., Schofield, P. R., Clark, C., Gatt, J. M.
  2018; 264: 385–93

- **More Research Needed on the Association Between Genotype and Antidepressant Response: Response to Fabbri et al.** *AMERICAN JOURNAL OF PSYCHIATRY*
  O'Connell, C. P.
  2018; 175 (6): 576–77
- **Genetic correlations between wellbeing, depression and anxiety symptoms and behavioral responses to the emotional faces task in healthy twins.** *Psychiatry research*
  Routledge, K. M., Williams, L. M., Harris, A. W., Schofield, P. R., Clark, C. R., Gatt, J. M.
  2018; 264: 385–93
- **Electrocortical reactivity to negative and positive facial expressions in individuals with a family history of major depression.** *Biological psychology*
  Watters, A. J., Harris, A. W., Williams, L. M.
  2018
- **Integrating Brain-Behavior Data to Identify Clinically Meaningful Biotypes for Depression and Anxiety**
  Williams, L.
  ELSEVIER SCIENCE INC.2018: S88–S89
- **Cognitive and Emotional Biomarkers of Anxious Major Depressive Disorder: An iSPOT-D Report**
  Braund, T., Palmer, D., Williams, L. M., Etkin, A., Harris, A.
  ELSEVIER SCIENCE INC.2018: S126
- **Feature-Based Selective Attention as a Biomarker of Impaired Cognition in Depression**
  Keller, A., Korgaonkar, M., Williams, L.
  ELSEVIER SCIENCE INC.2018: S281–S282
- **Does White Matter Microstructural Integrity Differ in the Combined and Inattentive Subtypes of ADHD? A Diffusion Tensor Imaging Study**
  Saad, J., Griffiths, K., Kohn, M., Clarke, S., Williams, L., Korgaonkar, M. S.
  ELSEVIER SCIENCE INC.2018: S151
- **Developing a Standardized Taxonomy of Circuit Dysfunction Related to Phenotypes of Mood and Anxiety Disorder**
  Samara, Z., Ball, T., Goldstein-Piekarski, A., Grisanzio, K., Correa, C., Williams, L. M.
  ELSEVIER SCIENCE INC.2018: S377
- **Differences in Cognitive Control Brain Activation Between Euthymic Bipolar and Remitted Unipolar Depressed Individuals**
  Breukelaar, I., Erlinger, M., Harris, A., Boyce, P., Malhi, G. S., Hazell, P., Grieve, S., Antes, C., Foster, S., Gomes, L., Williams, L. M., Korgaonkar, M. S.
  ELSEVIER SCIENCE INC.2018: S395–S396
- **Neural Differences Between Euthymic Bipolar and Remitted Unipolar Depressed Individuals: An fMRI Study of Emotion Processing**
  Korgaonkar, M., Erlinger, M., Breukelaar, I., Boyce, P., Hazell, P., Antes, C., Foster, S., Grieve, S., Gomes, L., Williams, L., Harris, A., Malhi, G. S.
  ELSEVIER SCIENCE INC.2018: S399–S400
- **UNDERSTANDING TREATMENT RESPONSE TO INTEGRATED BEHAVIOR THERAPY FOR COMORBID OBESITY AND DEPRESSION IN PRIMARY CARE**
  Ma, J., Lv, N., Rosas, L., Xiao, L., Lavori, P., Venditti, E., Lewis, M., Snowden, M., Ward, E., Smyth, J., Suppes, T., Goldstein-Piekarski, A., Williams, et al
  OXFORD UNIV PRESS INC.2018: S129
- **What can treatment research offer general practice?** *LANCET PSYCHIATRY*
  Humphreys, K., Williams, L. M.
  2018; 5 (4): 295–97
- **Sex, Sleep Deprivation, and the Anxious Brain** *JOURNAL OF COGNITIVE NEUROSCIENCE*
  Goldstein-Piekarski, A. N., Greer, S. M., Saletin, J. M., Harvey, A. G., Williams, L. M., Walker, M. P.
  2018; 30 (4): 565–78
- **GAMMA SYNCHRONY IS DYSFUNCTIONAL DURING COGNITIVE PROCESSING IN FIRST ONSET SCHIZOPHRENIA**
  Harris, A., Brennan, A., Williams, L.

OXFORD UNIV PRESS.2018: S192

- **Intrinsic, task-evoked and absolute gamma synchrony during cognitive processing in first onset schizophrenia** *JOURNAL OF PSYCHIATRIC RESEARCH*
  Brennan, A. M., Williams, L. M., Harris, A. W. F.
  2018; 99: 10–21

- **Response inhibition and emotional cognition improved by atomoxetine in children and adolescents with ADHD: The ACTION randomized controlled trial.** *Journal of psychiatric research*
  Griffiths, K. R., Leikauf, J. E., Tsang, T. W., Clarke, S., Hermens, D. F., Efron, D., Williams, L. M., Kohn, M. R.
  2018; 102: 57–64

- **Intrinsic functional connectivity predicts remission on antidepressants: a randomized controlled trial to identify clinically applicable imaging biomarkers** *TRANSLATIONAL PSYCHIATRY*
  Goldstein-Piekarski, A. N., Staveland, B. R., Ball, T. M., Yesavage, J., Korgaonkar, M. S., Williams, L. M.
  2018; 8: 57

- **Antidepressant Outcomes Predicted by Genetic Variation in Corticotropin-Releasing Hormone Binding Protein** *AMERICAN JOURNAL OF PSYCHIATRY*
  O'Connell, C. P., Goldstein-Piekarski, A. N., Nemeroff, C. B., Schatzberg, A. F., Debattista, C., Carrillo-Roa, T., Binder, E. B., Dunlop, B. W., Craighead, W., Mayberg, H. S., Williams, L. M.
  2018; 175 (3): 251–61

- **Profiling risk for depressive disorder by circuit, behavior and self-report measures of emotion function** *JOURNAL OF AFFECTIVE DISORDERS*
  Watters, A. J., Korgaonkar, M. S., Carpenter, J. S., Harris, A. W. F., Gross, J. J., Williams, L. M.
  2018; 227: 595–602

- **Transdiagnostic Symptom Clusters and Associations With Brain, Behavior, and Daily Function in Mood, Anxiety, and Trauma Disorders**
  Grisanzio, K. A., Goldstein-Piekarski, A. N., Wang, M., Ahmed, A., Samara, Z., Williams, L. M.
  AMER MEDICAL ASSOC.2018: 201–9

- **"Motoring in idle": The default mode and somatomotor networks are overactive in children and adolescents with functional neurological symptoms** *NEUROIMAGE-CLINICAL*
  Kozlowska, K., Spooner, C. J., Palmer, D. M., Harris, A., Korgaonkar, M. S., Scher, S., Williams, L. M.
  2018; 18: 730–43

- **An admixture mapping meta-analysis implicates genetic variation at 18q21 with asthma susceptibility in Latinos** *THE JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*
  Gignoux, C. R., Torgerson, D. G., Pino-Yanes, M., Uricchio, L. H., Galanter, J., et al
  2018; in press

- **The ENGAGE study: Integrating neuroimaging, virtual reality and smartphone sensing to understand self-regulation for managing depression and obesity in a precision medicine model.** *Behaviour research and therapy*
  Williams, L. M., Pines, A. n., Goldstein-Piekarski, A. N., Rosas, L. G., Kullar, M. n., Sacchet, M. D., Gevaert, O. n., Bailenson, J. n., Lavori, P. W., Dagum, P. n., Wandell, B. n., Correa, C. n., Greenleaf, et al
  2018; 101: 58–70

- **Antidepressant Outcomes Predicted by Genetic Variation in Corticotropin-Releasing Hormone Binding Protein.** *The American journal of psychiatry*
  O'Connell, C. P., Goldstein-Piekarski, A. N., Nemeroff, C. B., Schatzberg, A. F., Debattista, C. n., Carrillo-Roa, T. n., Binder, E. B., Dunlop, B. W., Craighead, W. E., Mayberg, H. S., Williams, L. M.
  2018; 175 (3): 251–61

- **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*
  Li, B. J., Bailenson, J. N., Pines, A., Greenleaf, W. J., Williams, L. M.
  2017; 8: 2116

- **Clustering Identifies Symptom-Brain-Behavior Subtypes That cut Across Mood, Anxiety, and Trauma Disorders**
  Grisanzio, K. A., Goldstein-Piekarski, A. N., Wang, M., Ahmed, A., Samara, Z., Williams, L.
  NATURE PUBLISHING GROUP.2017: S371–S372

- **Emotion Regulation, Brain Structural Connectivity, and Affective Behavior in Comorbid Major Depressive Disorder and Obesity**
  Sacchet, M., Pines, A., Kullar, M., Ma, J., Williams, L. M.
  NATURE PUBLISHING GROUP.2017: S312–S313

- **An Approach to Profiling Mood and Anxiety Disorders Based on Functional Brain Circuits, Behavior and Symptoms**
  Samara, Z., Ball, T., Goldstein-Piekarshi, A. N., Grizansio, K. A., Correa, C., Williams, L. M.
  NATURE PUBLISHING GROUP.2017: S368

- **Modulation of the Neural Circuitry Underlying Trait Hypnotizability With Spaced Continuous Theta-Burst Stimulation**
  Williams, N., Sudheimer, K., Stimpson, K., Duvio, D., Chung, C., DeSouza, D., Jo, B., Williams, L., Yeomans, D., Spiegel, D.
  NATURE PUBLISHING GROUP.2017: S508–S509

- **Quantifying person-level brain network functioning to facilitate clinical translation** *TRANSLATIONAL PSYCHIATRY*
  Ball, T. M., Goldstein-Piekarski, A. N., Gatt, J. M., Williams, L. M.
  2017; 7: e1248

- **INDIVIDUAL COGNITIVE SUBTYPE STATUS CAN BE PREDICTED IN YOUTH WITH ATTENTION-DEFICIT/HYPERACTIVITY DISORDER (ADHD)**
  Leikauf, J., Sacchet, M. D., Griffiths, K., Kohn, M. R., Williams, L. M.
  ELSEVIER SCIENCE INC.2017: S285

- **Genetic and Environmental Influences on Emotion Regulation: A Twin Study of Cognitive Reappraisal and Expressive Suppression** *EMOTION*
  McRae, K., Rhee, S., Gatt, J. M., Godinez, D., Williams, L. M., Gross, J. J.
  2017; 17 (5): 772–77

- **Identification of biotypes in Attention-Deficit/Hyperactivity Disorder, a report from a randomized, controlled trial.** *Personalized medicine in psychiatry*
  Leikauf, J. E., Griffiths, K. R., Saggar, M., Hong, D. S., Clarke, S., Efron, D., Tsang, T. W., Hermens, D. F., Kohn, M. R., Williams, L. M.
  2017; 3: 8-17

- **Utilizing a transdiagnostic neuroscience-informed approach to differentiate the components of a complex clinical presentation: A case report.** *Personalized medicine in psychiatry*
  Vanden Bussche, A. B., Haug, N. A., Ball, T. M., Padula, C. B., Goldstein-Pierarski, A. N., Williams, L. M.
  2017; 3: 30-37

- **Clustering by Salience Network Activation to Emotional Faces Identifies a Transdiagnostic Subtype that is Associated with Specific Interoceptive Related Symptoms**
  Goldstein-Piekarski, A., Ball, T., Samara, Z., Yesavage, J., Schatzberg, A., Korgaonkar, M., Williams, L.
  ELSEVIER SCIENCE INC.2017: S133–S134

- **Structural Networks Characterise Methylphenidate Treatment Response in ADHD**
  Griffiths, K., Kohn, M., Clarke, S., Williams, L., Korgaonkar, M.
  ELSEVIER SCIENCE INC.2017: S101–S102

- **Effect of Antidepressant Treatment on Cognitive Impairments Associated with Depression: A Randomized Longitudinal Study**
  Shilyansky, C., Williams, L., Gyurak, A., Harris, A., Usherwood, T., Etkin, A.
  ELSEVIER SCIENCE INC.2017: S215

- **Functional Connectome Networks Underlying Outcomes of Antidepressant Medication in Major Depressive Disorders**
  Korgaonkar, M., Goldstein-Piekarski, A., Fornito, A., Williams, L.
  ELSEVIER SCIENCE INC.2017: S104

- **Resting-State Functional Connectivity Dysfunction of the Ventral Striatum in Anhedonia as a Transdiagnostic Process**
  Samara, Z., Goldstein-Piekarski, A., Suppes, T., Yesavage, J., Williams, L.
  ELSEVIER SCIENCE INC.2017: S192–S193

- **Precision psychiatry: toward a neural circuit taxonomy for mood and emotion regulation disorders**
  Williams, L.
  WILEY.2017: 10–11

- **The new field of 'precision psychiatry'** *BMC MEDICINE*
  Fernandes, B. S., Williams, L. M., Steiner, J., Leboyer, M., Carvalho, A. F., Berk, M.
  2017; 15

- **MECHANISTIC SELF-REGULATION TARGETS IN INTEGRATED BEHAVIOR THERAPY FOR OBESE AND DEPRESSED ADULTS: RAINBOW-ENGAGE STUDY**
  Ma, J., Rosas, L., Snowden, M., Wandell, B., Bailenson, J., Greenleaf, W., Dagum, P., Lavori, P., Suppes, T., Lewis, M., Smyth, J., Williams, L.
  SPRINGER.2017: S1596–S1597

- **Cognitive control network anatomy correlates with neurocognitive behavior: A longitudinal study** *HUMAN BRAIN MAPPING*
  Breukelaar, I. A., Antees, C., Grieve, S. M., Foster, S. L., Gomes, L., Williams, L. M., Korgaonkar, M. S.
  2017; 38 (2): 631-643

- **Altered Microstructural Caudate Integrity in Posttraumatic Stress Disorder but Not Traumatic Brain Injury.** *PloS one*
  Waltzman, D., Soman, S., Hantke, N. C., Fairchild, J. K., Kinoshita, L. M., Wintermark, M., Ashford, J. W., Yesavage, J., Williams, L., Adamson, M. M., Furst, A. J.
  2017; 12 (1)

- **The shared and unique genetic relationship between mental well-being, depression and anxiety symptoms and cognitive function in healthy twins.** *Cognition & emotion*
  Routledge, K. M., Burton, K. L., Williams, L. M., Harris, A. n., Schofield, P. R., Clark, C. R., Gatt, J. M.
  2017; 31 (7): 1465–79

- **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*
  Williams, L. M.
  2017; 34 (1): 9-24

- **Grey matter abnormalities in children and adolescents with functional neurological symptom disorder.** *NeuroImage. Clinical*
  Kozlowska, K. n., Griffiths, K. R., Foster, S. L., Linton, J. n., Williams, L. M., Korgaonkar, M. S.
  2017; 15: 306–14

- **Getting Personalized: Brain Scan Biomarkers for Guiding Depression Interventions.** *The American journal of psychiatry*
  Williams, L. M.
  2017; 174 (6): 503–5

- **Amygdala-Guided Neurofeedback for Major Depression.** *The American journal of psychiatry*
  Williams, L. M.
  2017; 174 (8): 717–18

- **Regional brain network organization distinguishes the combined and inattentive subtypes of Attention Deficit Hyperactivity Disorder.** *NeuroImage. Clinical*
  Saad, J. F., Griffiths, K. R., Kohn, M. R., Clarke, S., Williams, L. M., Korgaonkar, M. S.
  2017; 15: 383-390

- **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*
  Griffiths, K. R., Jurigova, B. G., Leikauf, J. E., Palmer, D. n., Clarke, S. D., Tsang, T. W., Teber, E. T., Kohn, M. R., Williams, L. M.
  2017: 1087054717733044

- **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*
  Williams, L. M.
  2017; 34 (1): 9-24

- **Sex Differences Modulating Serotonergic Polymorphisms Implicated in the Mechanistic Pathways of Risk for Depression and Related Disorders** *JOURNAL OF NEUROSCIENCE RESEARCH*
  Perry, L. M., Goldstein-Piekarski, A. N., Williams, L. M.
  2017; 95 (1-2): 737-762

- **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*
  Kozlowska, K., Cruz, C., Davies, F., Brown, K. J., Palmer, D. M., Mclean, L., Scher, S., Williams, L. M.
  2016; 37 (4): 480-499

- **Identifying a Reward Dysfunction Biotype of Anhedonia by Functional Imaging, Neurocognition and Intervention Outcomes**
  Williams, L.
  NATURE PUBLISHING GROUP.2016: S75

- **Functional Connectivity in the Default Mode Network: Establishing Reproducibility and Individual Norms**
  Ball, T., Goldstein-Piekarski, A. N., Gatt, J., Fornito, A., Williams, L. M.
  NATURE PUBLISHING GROUP.2016: S299–S300

- **Resting-State Functional Connectivity Dysfunction in Anhedonia as a Transdiagnostic Process: An RDoC Investigation**
  Samara, Z., Goldstein-Piekarski, A. N., Suppes, T., Yesavage, J., Williams, L.
  NATURE PUBLISHING GROUP.2016: S503

- **Human Amygdala Engagement Moderated by Early Life Stress Exposure is a Biobehavioral Target for Predicting Recovery on Antidepressants**
  Goldstein, A., Korgaonkar, M. S., Green, E., Suppes, T., Schatzberg, A., Hastie, T., Nemeroff, C., Williams, L.
  NATURE PUBLISHING GROUP.2016: S373

- **Altered gray matter organization in children and adolescents with ADHD: a structural covariance connectome study.** *Translational psychiatry*
  Griffiths, K. R., Grieve, S. M., Kohn, M. R., Clarke, S., Williams, L. M., Korgaonkar, M. S.
  2016; 6 (11)

- **Shared versus distinct genetic contributions of mental wellbeing with depression and anxiety symptoms in healthy twins** *PSYCHIATRY RESEARCH*
  Routledge, K. M., Burton, K. L., Williams, L. M., Harris, A., Schofield, P. R., Clark, C. R., Gatt, J. M.
  2016; 244: 65-70

- **Functional Connectivity in First Episode Schizophrenia and its Relationship to Attention Task Performance, Symptoms and Functioning**
  Harris, A. W. F., Brennan, A. M., Korgaonkar, M. S., Williams, L. M.
  WILEY-BLACKWELL.2016: 170

- **CRH genotypes moderate neural circuits, cognitive emotional function and response to antidepressants**
  Williams, L.
  PERGAMON-ELSEVIER SCIENCE LTD.2016: 10

- **Is the Alzheimer's disease cortical thickness signature a biological marker for memory?** *BRAIN IMAGING AND BEHAVIOR*
  Busovaca, E., Zimmerman, M. E., Meier, I. B., Griffith, E. Y., Grieve, S. M., Korgaonkar, M. S., Williams, L. M., Brickman, A. M.
  2016; 10 (2): 517-523

- **ASSESSING THE IMPACT OF PTSD ON EXECUTIVE FUNCTIONS IN INDIVIDUALS WITH ALCOHOL USE DISORDER**
  Vanden Bussche, A. B., Padula, C. B., Maslowski, K. T., Haug, N. A., Williams, L. M.
  WILEY-BLACKWELL.2016: 185A

- **WHITE-MATTER TRACT CONNECTING ANTERIOR INSULA TO NUCLEUS ACCUMBENS CORRELATES WITH EMOTION TASK REACTION TIME IN VETERANS WITH ALCOHOL USE DISORDER**
  Padula, C. B., Leong, J. K., Bussche, A., Maslowski, K. T., Knutson, B., Williams, L. M.
  WILEY-BLACKWELL.2016: 219A

- **Childhood trauma predicts antidepressant response in adults with major depression: data from the randomized international study to predict optimized treatment for depression** *TRANSLATIONAL PSYCHIATRY*
  Williams, L. M., Debattista, C., Duchemin, A., Schatzberg, A. F., Nemeroff, C. B.
  2016; 6

- **Effect of antidepressant treatment on cognitive impairments associated with depression: a randomised longitudinal study** *LANCET PSYCHIATRY*
  Shilyansky, C., Williams, L. M., Gyurak, A., Harris, A., Usherwood, T., Etkin, A.

2016; 3 (5): 425-435

- **Altered Gray Matter Organization in Children and Adoelscents With ADHD: A Connectome Study**
  Griffiths, K. R., Grieve, S. M., Kohn, M. R., Clarke, S., Williams, L. M., Korgaonkar, M. S.
  ELSEVIER SCIENCE INC.2016: 116S
- **Paradigm Shifts in Precision Medicine for Psychiatry**
  Williams, L.
  ELSEVIER SCIENCE INC.2016: 281S
- **Do Structural Abnormalities Underpin the Noradrenergic Hypothesis in ADHD?**
  Saad, J. F., Kohn, M., Griffiths, K., Clarke, S., Williams, L., Korgaonkar, M.
  ELSEVIER SCIENCE INC.2016: 112S
- **Emotional Reactivity and Regulation in Probands with Mood and Anxiety Disorders and Their Relatives: Implications for Treatment and Disease Risk**
  Williams, L.
  ELSEVIER SCIENCE INC.2016: 295S
- **Brain Morphology Determines Female-specific Vulnerability to the Anxiogenic Impact of Sleep Loss**
  Goldstein-Piekarski, A. M., Greer, S. M., Saletin, J. M., Williams, L. M., Walker, M. P.
  ELSEVIER SCIENCE INC.2016: 409S
- **Prediction of Nonremission to Antidepressant Therapy Using Diffusion Tensor Imaging** *JOURNAL OF CLINICAL PSYCHIATRY*
  Grieve, S. M., Korgaonkar, M. S., Gordon, E., Williams, L. M., Rush, A. J.
  2016; 77 (4): E436-U44
- **Frontoparietal Activation During Response Inhibition Predicts Remission to Antidepressants in Patients With Major Depression** *BIOLOGICAL PSYCHIATRY*
  Gyurak, A., Patenaude, B., Korgaonkar, M. S., Grieve, S. M., Williams, L. M., Etkin, A.
  2016; 79 (4): 274-281
- **Frontoparietal Activation During Response Inhibition Predicts Remission to Antidepressants in Patients With Major Depression.** *Biological psychiatry*
  Gyurak, A., Patenaude, B., Korgaonkar, M. S., Grieve, S. M., Williams, L. M., Etkin, A.
  2016; 79 (4): 274-81
- **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*
  Williams, L. M., Goldstein-Piekarski, A. N., Chowdhry, N., Grisanzio, K. A., Haug, N. A., Samara, Z., Etkin, A., O'Hara, R., Schatzberg, A. F., Suppes, T., Yesavage, J.
  2016; 16 (1): 68-?
- **Selection of cognitive tests for trials of therapeutic agents - Authors' reply.** *The lancet. Psychiatry*
  Shilyansky, C. n., Williams, L. M., Gyurak, A. n., Harris, A. n., Usherwood, T. n., Etkin, A. n.
  2016; 3 (6): 499–500
- **A trans-diagnostic review of anxiety disorder comorbidity and the impact of multiple exclusion criteria on studying clinical outcomes in anxiety disorders.** *Translational psychiatry*
  Goldstein-Piekarski, A. N., Williams, L. M., Humphreys, K.
  2016; 6 (6)
- **Sex differences in the shared genetics of dimensions of self-reported depression and anxiety** *JOURNAL OF AFFECTIVE DISORDERS*
  Burton, K. L., Williams, L. M., Clark, C. R., Harris, A., Schofield, P. R., Gatt, J. M.
  2015; 188: 35-42
- **Resting State Functional Connectivity is a Differential Predictor of Treatment Outcomes in Major Depressive Disorder**
  Goldstein-Piekarski, A. N., Staveland, B., Korgaonkar, M. S., Williams, L. M.
  NATURE PUBLISHING GROUP.2015: S336–S337
- **Utility of event-related potentials in predicting antidepressant treatment response: An iSPOT-D report** *EUROPEAN NEUROPSYCHOPHARMACOLOGY*

van Dinteren, R., Arns, M., Kenemans, L., Jongsma, M. L., Kessels, R. P., Fitzgerald, P., Fallahpour, K., DeBattista, C., Gordon, E., Williams, L. M.
2015; 25 (11): 1981-1990

- **Emotion circuits differentiate symptoms of psychosis versus mania in adolescents** *NEUROCASE*
  Brennan, A. M., Hainsworth, C., Starling, J., Korgaonkar, M. S., Harris, A. W., Williams, L. M.
  2015; 21 (5): 592-600
- **COGNITION-CHILDHOOD MALTREATMENT INTERACTIONS IN THE PREDICTION OF ANTIDEPRESSANT OUTCOMES IN MAJOR DEPRESSIVE DISORDER PATIENTS: RESULTS FROM THE iSPOT-D TRIAL** *DEPRESSION AND ANXIETY*
  Miller, S., McTeague, L. M., Gyurak, A., Patenaude, B., Williams, L. M., Grieve, S. M., Korgaonkar, M. S., Etkin, A.
  2015; 32 (8): 594-604
- **COGNITION-CHILDHOOD MALTREATMENT INTERACTIONS IN THE PREDICTION OF ANTIDEPRESSANT OUTCOMES IN MAJOR DEPRESSIVE DISORDER PATIENTS: RESULTS FROM THE iSPOT-D TRIAL.** *Depression and anxiety*
  Miller, S., McTeague, L. M., Gyurak, A., Patenaude, B., Williams, L. M., Grieve, S. M., Korgaonkar, M. S., Etkin, A.
  2015; 32 (8): 594-604
- **ABCB1 Genetic Effects on Antidepressant Outcomes: A Report From the iSPOT-D Trial** *AMERICAN JOURNAL OF PSYCHIATRY*
  Schatzberg, A. F., DeBattista, C., Lazzeroni, L. C., Etkin, A., Murphy, G. M., Williams, L. M.
  2015; 172 (8): 751-759
- **Frontal and rostral anterior cingulate (rACC) theta EEG in depression: Implications for treatment outcome?** *EUROPEAN NEUROPSYCHOPHARMACOLOGY*
  Arns, M., Etkin, A., Hegerl, U., Williams, L. M., DeBattista, C., Palmer, D. M., Fitzgerald, P. B., Harris, A., deBeuss, R., Gordon, E.
  2015; 25 (8): 1190-1200
- **Depression Subtypes in Predicting Antidepressant Response: A Report From the iSPOT-D Trial** *AMERICAN JOURNAL OF PSYCHIATRY*
  Arnow, B. A., Blasey, C., Williams, L. M., Palmer, D. M., Rekshan, W., Schatzberg, A. F., Etkin, A., Kulkarni, J., Luther, J. F., Rush, A. J.
  2015; 172 (8): 743-750
- **Cognitive and emotional biomarkers of melancholic depression: An iSPOT-D report** *JOURNAL OF AFFECTIVE DISORDERS*
  Day, C. V., Gatt, J. M., Etkin, A., DeBattista, C., Schatzberg, A. F., Williams, L. M.
  2015; 176: 141-150
- **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**
  Korgaonkar, M. S., Rekshan, W., Gordon, E., Rush, A., Williams, L. M., Blasey, C., Grieve, S. M.
  ELSEVIER SCIENCE INC.2015: 32S
- **rs110402 Variation Mediates Neural Activation to Emotional Faces and Response to Treatment**
  Williams, L.
  ELSEVIER SCIENCE INC.2015
- **Wellbeing and Resilience in the Healthy Twin Brain (chair)**
  Gatt, J. M., Routledge, K., Korgaonkar, M. S., Grieve, S. M., Clark, C., Schofield, P. R., Williams, L. M.
  ELSEVIER SCIENCE INC.2015
- **Pharmacological Mediation of Cognition in Children and Adolescents Presenting with Cross-disorder Symptoms of ADHD and Anxiety**
  Kohn, M. R., Griffiths, K. R., Clarke, S., Tsang, T. W., Hermens, D. F., Efron, D., Clarke, R., Lamb, C., Deloughery, M., Williams, L. M.
  ELSEVIER SCIENCE INC.2015
- **Personalizing the Treatment of Depression: Emotional Reactivity and Early Life Stress Predict Antidepressant Outcomes**
  Goldstein-Piekarski, A. N., Yesavage, J., Schatzberg, A., Etkin, A., O'hara, R., Suppes, T., Korgaonkar, M., Williams, L.
  ELSEVIER SCIENCE INC.2015
- **Reduction of Autonomic Regulation in Children and Adolescents With Conversion Disorders** *PSYCHOSOMATIC MEDICINE*
  Kozlowska, K., Palmer, D. M., Brown, K. J., Mclean, L., Scher, S., Gevirtz, R., Chudleigh, C., Williams, L. M.
  2015; 77 (4): 356-370
- **A Cognitive-Emotional Biomarker for Predicting Remission with Antidepressant Medications: A Report from the iSPOT-D Trial** *NEUROPSYCHOPHARMACOLOGY*

Etkin, A., Patenaude, B., Song, Y. J., Usherwood, T., Rekshan, W., Schatzberg, A. F., Rush, A. J., Williams, L. M.
2015; 40 (6): 1332-1342

- **Conversion disorder in children and adolescents: A disorder of cognitive control** *JOURNAL OF NEUROPSYCHOLOGY*
  Kozlowska, K., Palmer, D. M., Brown, K. J., Scher, S., Chudleigh, C., Davies, F., Williams, L. M.
  2015; 9 (1): 87-108
- **The International Study to Predict Optimized Treatment in Depression (iSPOT-D): Outcomes from the acute phase of antidepressant treatment.** *Journal of psychiatric research*
  Saveanu, R., Etkin, A., Duchemin, A., Goldstein-Piekarski, A., Gyurak, A., DeBattista, C., Schatzberg, A. F., Sood, S., Day, C. V., Palmer, D. M., Rekshan, W. R., Gordon, E., Rush, et al
  2015; 61: 1-12
- **Anxiety in Young People With ADHD: Clinical and Self-Report Outcomes.** *Journal of attention disorders*
  Tsang, T. W., Kohn, M. R., Efron, D., Clarke, S. D., Clark, C. R., Lamb, C., Williams, L. M.
  2015; 19 (1): 18-26
- **Specific and common genes implicated across major mental disorders: a review of meta-analysis studies.** *Journal of psychiatric research*
  Gatt, J. M., Burton, K. L., Williams, L. M., Schofield, P. R.
  2015; 60: 1-13
- **Magnetic Resonance Imaging Measures of Brain Structure to Predict Antidepressant Treatment Outcome in Major Depressive Disorder.** *EBioMedicine*
  Korgaonkar, M. S., Rekshan, W., Gordon, E., Rush, A. J., Williams, L. M., Blasey, C., Grieve, S. M.
  2015; 2 (1): 37-45
- **Specific and common genes implicated across major mental disorders: A review of meta-analysis studies** *JOURNAL OF PSYCHIATRIC RESEARCH*
  Gatt, J. M., Burton, K. L., Williams, L. M., Schofield, P. R.
  2015; 60: 1-13
- **Impairment and distress patterns distinguishing the melancholic depression subtype: An iSPOT-D report.** *Journal of affective disorders*
  Day, C. V., John Rush, A., Harris, A. W., Boyce, P. M., Rekshan, W., Etkin, A., DeBattista, C., Schatzberg, A. F., Arnow, B. A., Williams, L. M.
  2015; 174: 493-502
- **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*
  Myers, A. J., Williams, L., Gatt, J. M., McAuley-Clark, E. Z., Dobson-Stone, C., Schofield, P. R., Nemeroff, C. B.
  2014; 59: 93-100
- **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*
  Myers, A. J., Williams, L., Gatt, J. M., McAuley-Clark, E. Z., Dobson-Stone, C., Schofield, P. R., Nemeroff, C. B.
  2014; 59: 93-100
- **Corticotrophin-releasing Hormone Genotype Interacts with Pre-treatment Anxiety Status and Amygdala Reactivity to Predict Treatment Outcomes in Major Depressive Disorder**
  Goldstein-Piekarski, A., Schatzberg, A., Korgaonkar, M., Grieve, S., Etkin, A., Williams, L.
  NATURE PUBLISHING GROUP.2014: S249
- **ABCB1 Genetic Variants and Neurocognitive Function Predict Antidepressant Outcomes**
  Schatzberg, A., DeBattista, C., Etkin, A., Williams, L.
  NATURE PUBLISHING GROUP.2014: S521–S522
- **Facial emotion identification in early-onset psychosis** *SCHIZOPHRENIA RESEARCH*
  Barkl, S. J., Lah, S., Starling, J., Hainsworth, C., Harris, A. W., Williams, L. M.
  2014; 160 (1-3): 150-156
- **Neural processing of facial expressions of emotion in first onset psychosis** *PSYCHIATRY RESEARCH*
  Brennan, A. M., Harris, A. W., Williams, L. M.
  2014; 219 (3): 477-485

- **Gamma synchrony changes in children and adolescents with early onset psychosis**
  Starling, J., Williams, L. M., Brennan, A., Hainsworth, C., Harris, A. W.
  WILEY-BLACKWELL.2014: 101
- **Electrocortical reactivity to emotional faces distinguishes first degree relatives of individuals with major depression**
  Watters, A. J., Harris, A. W. F., Williams, L. M.
  ELSEVIER SCIENCE BV.2014: 172
- **Facial emotion identification in early-onset psychosis**
  Barkl, S., Lah, S., Starling, J., Hainsworth, C., Harris, A., Williams, L.
  WILEY-BLACKWELL.2014: 56
- **Gamma synchrony elevation in first episode psychosis**
  Harris, A., Brennan, A., Starling, J., Galletley, C., Williams, L.
  WILEY-BLACKWELL.2014: 101
- **Abnormal Structural Networks Characterize Major Depressive Disorder: A Connectome Analysis** *BIOLOGICAL PSYCHIATRY*
  Korgaonkar, M. S., Fornito, A., Williams, L. M., Grieve, S. M.
  2014; 76 (7): 567-574
- **Facial emotion identification in early-onset and first-episode psychosis: A systematic review with meta-analysis** *SCHIZOPHRENIA RESEARCH*
  Barkl, S. J., Lah, S., Harris, A. W., Williams, L. M.
  2014; 159 (1): 62-69
- **Diffusion tensor imaging predictors of treatment outcomes in major depressive disorder** *BRITISH JOURNAL OF PSYCHIATRY*
  Korgaonkar, M. S., Williams, L. M., Song, Y. J., Usherwood, T., Grieve, S. M.
  2014; 205 (4): 321-328
- **The heritability of mental health and wellbeing defined using COMPAS-W, a new composite measure of wellbeing.** *Psychiatry research*
  Gatt, J. M., Burton, K. L., Schofield, P. R., Bryant, R. A., Williams, L. M.
  2014; 219 (1): 204-213
- **Establishing the resting state default mode network derived from functional magnetic resonance imaging tasks as an endophenotype: A twins study.** *Human brain mapping*
  Korgaonkar, M. S., Ram, K., Williams, L. M., Gatt, J. M., Grieve, S. M.
  2014; 35 (8): 3893-3902
- **Diffusion tensor imaging predictors of treatment outcomes in major depressive disorder.** *The British journal of psychiatry : the journal of mental science*
  Korgaonkar, M. S., Williams, L. M., Song, Y. J., Usherwood, T., Grieve, S. M.
  2014
- **Neural Dimensions of Threat Reactivity and Regulation for Understanding Negative Mood and Anxiety States: Evidence From Imaging, Physiology and Behavior**
  Williams, L.
  ELSEVIER SCIENCE INC.2014: 300S
- **Abnormal Structural Brain Networks in Major Depressive Disorder: A Connectome Analysis**
  Korgaonkar, M. S., Fornito, A., Williams, L. M., Grieve, S. M.
  ELSEVIER SCIENCE INC.2014: 17S
- **Familial Risk for Depression is Distinguished by Amygdala-Pregenual ACC Hyper-activation for Subliminal Emotion and Dorsal Prefrontal Hypoactivation for Working Memory**
  Watters, A. J., Korgaonkar, M. S., Carpenter, J. S., Williams, L. M.
  ELSEVIER SCIENCE INC.2014: 170S
- **Amygdala Activation to Subliminal Sad and Happy Faces is a General and Specific Predictor of Acute Treatment Outcomes in Major Depressive Disorder**
  Williams, L., Korgaonkar, M., Paton, R., Grieve, S., Etkin, A.

ELSEVIER SCIENCE INC.2014: 234S

- **Effects of antidepressant medication on emotion regulation in depressed patients: An iSPOT-D report** *JOURNAL OF AFFECTIVE DISORDERS*
  McRae, K., Rekshan, W., Williams, L. M., Cooper, N., Gross, J. J.
  2014; 159: 127-132
- **FACIAL EMOTION IDENTIFICATION IN EARLY-ONSET AND FIRST-EPISODE PSYCHOSIS: A SYSTEMATIC REVIEW WITH META-ANALYSIS**
  Barkl, S. J., Lah, S., Harris, A. W., Williams, L.
  ELSEVIER SCIENCE BV.2014: S294
- **Abnormal Structural Networks Characterize Major Depressive Disorder: A Connectome Analysis.** *Biological psychiatry*
  Korgaonkar, M. S., Fornito, A., Williams, L. M., Grieve, S. M.
  2014
- **Tractography of the Brainstem in Major Depressive Disorder Using Diffusion Tensor Imaging** *PLOS ONE*
  Song, Y. J., Korgaonkar, M. S., Armstrong, L. V., Eagles, S., Williams, L. M., Grieve, S. M.
  2014; 9 (1)
- **Reduced amygdala and ventral striatal activity to happy faces in PTSD is associated with emotional numbing** *PLOS ONE*
  Felmingham, K. L., Falconer, E. M., Williams , L. M., Kemp, A. H., Allen, A., Peduto, A. S., Bryant, R. A.
  2014; 9 (9): e103653
- **Reduced Amygdala and Ventral Striatal Activity to Happy Faces in PTSD Is Associated with Emotional Numbing.** *PloS one*
  Felmingham, K. L., Falconer, E. M., Williams, L., Kemp, A. H., Allen, A., Peduto, A., Bryant, R. A.
  2014; 9 (9)
- **Causal interactions between fronto-parietal central executive and default-mode networks in humans** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Chen, A. C., Oathes, D. J., Chang, C., Bradley, T., Zhou, Z., Williams, L. M., Glover, G. H., Deisseroth, K., Etkin, A.
  2013; 110 (49): 19944-19949
- **Effects of Antidepressant Medication on Emotion Regulation in Major Depressive Disorder: An iSPOT-D Report**
  Williams, L., McRae, K., Rekshan, W., Gross, J.
  NATURE PUBLISHING GROUP.2013: S391
- **Amygdala Activation to Emotion Stimuli as a Predictor of Treatment Outcomes in Major Depressive Disorder: The International Study to Predict Optimized Treatment in Depression (iSPOT-D)**
  Williams, L., Korgaonkar, M., Grieve, S., Etkin, A.
  NATURE PUBLISHING GROUP.2013: S217–S218
- **Amygdala Activation to Emotion Stimuli as a Predictor of Treatment Outcomes in Major Depressive Disorder: The International Study to Predict Optimized Treatment in Depression (iSPOT-D)**
  Williams, L., Korgaonkar, M., Grieve, S., Etkin, A.
  NATURE PUBLISHING GROUP.2013: S217–S218
- **Genetic approaches to understanding the etiology of mood disorders**
  Schofield, P. R., Fullerton, J. M., Gatt, J. M., Williams, L. M., Mitchell, P. B.
  HUMANA PRESS INC.2013: S107
- **Genetic approaches to understanding the etiology of mood disorders**
  Schofield, P. R., Fullerton, J. M., Gatt, J. M., Williams, L. M., Mitchell, P. B.
  HUMANA PRESS INC.2013: 107
- **Early Exposure to Traumatic Stressors Impairs Emotional Brain Circuitry** *PLOS ONE*
  Korgaonkar, M. S., Antees, C., Williams, L. M., Gatt, J. M., Bryant, R. A., Cohen, R., Paul, R., O'Hara, R., Grieve, S. M.
  2013; 8 (9)
- **Widespread reductions in gray matter volume in depression.** *NeuroImage. Clinical*
  Grieve, S. M., Korgaonkar, M. S., Koslow, S. H., Gordon, E., Williams, L. M.
  2013; 3: 332-9

- **Using multiple methods to characterize the phenotype of individuals with a family history of major depressive disorder** *JOURNAL OF AFFECTIVE DISORDERS*
  Watters, A. J., Gotlib, I. H., Harris, A. W., Boyce, P. M., Williams, L. M.
  2013; 150 (2): 474-480
- **Inhibitory neural activity predicts response to cognitive-behavioral therapy for posttraumatic stress disorder.** *journal of clinical psychiatry*
  Falconer, E., Allen, A., Felmingham, K. L., Williams, L. M., Bryant, R. A.
  2013; 74 (9): 895-901
- **GSK3B and MAPT Polymorphisms Are Associated with Grey Matter and Intracranial Volume in Healthy Individuals** *PLOS ONE*
  Dobson-Stone, C., Polly, P., Korgaonkar, M. S., Williams, L. M., Gordon, E., Schofield, P. R., Mather, K., Armstrong, N. J., Wen, W., Sachdev, P. S., Kwok, J. B.
  2013; 8 (8)
- **Brain imaging predictors and the international study to predict optimized treatment for depression: study protocol for a randomized controlled trial** *TRIALS*
  Grieve, S. M., Korgaonkar, M. S., Etkin, A., Harris, A., Koslow, S. H., Wisniewski, S., Schatzberg, A. F., Nemeroff, C. B., Gordon, E., Williams, L. M.
  2013; 14
- **Functional dysconnectivity in schizophrenia and its relationship to neural synchrony** *EXPERT REVIEW OF NEUROTHERAPEUTICS*
  Brennan, A. M., Harris, A. W., Williams, L. M.
  2013; 13 (7): 755-765
- **Impact of early vs. late childhood early life stress on brain morphometrics.** *Brain imaging and behavior*
  Baker, L. M., Williams, L. M., Korgaonkar, M. S., Cohen, R. A., Heaps, J. M., Paul, R. H.
  2013; 7 (2): 196-203
- **Cognitive and Emotion Predictors of Response to Atomoxetine in Children and Adolescents with Attention Deficit Hyperactivity Disorder, with and without Comorbid Anxiety** *68th Annual Scientific Meeting of the Society-of-Biological-Psychiatry*
  Tsang, T. W., Kohn, M. R., Clarke, S. D., Williams, L. M.
  ELSEVIER SCIENCE INC.2013: 47S–47S
- **Imaging Emotion Circuits as Predictors of Treatment Outcomes in the ISPOT-D Study of Major Depression**
  Williams, L.
  ELSEVIER SCIENCE INC.2013: 139S
- **Does Personality Predict Outcome in Major Depression**
  Harris, A., Boyce, P., Rekshan, W., Song, C., Armstrong, L., Williams, L., Rush, J.
  ELSEVIER SCIENCE INC.2013: 159S
- **UNRAVELLING THE CONNECTION BETWEEN ANXIETY AND DEPRESSION**
  Oakley, K. L., Williams, L. M., Gatt, J. M.
  SAGE PUBLICATIONS LTD.2013: 76
- **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*
  Korgaonkar, M. S., Grieve, S. M., Etkin, A., Koslow, S. H., Williams, L. M.
  2013; 38 (5): 863-871
- **The long-term impact of early adversity on late-life psychiatric disorders.** *Current psychiatry reports*
  Gershon, A., Sudheimer, K., Tirouvanziam, R., Williams, L. M., O'Hara, R.
  2013; 15 (4): 352-?
- **Specific biases for identifying facial expression of emotion in children and adolescents with conversion disorders.** *Psychosomatic medicine*
  Kozlowska, K., Brown, K. J., Palmer, D. M., Williams, L. M.
  2013; 75 (3): 272-280
- **The presentation of early-onset psychotic disorders** *AUSTRALIAN AND NEW ZEALAND JOURNAL OF PSYCHIATRY*
  Starling, J., Williams, L. M., Hainsworth, C., Harris, A. W.
  2013; 47 (1): 43-50

- **The Normal Development of the Adolescent Brain** *CLINICAL HANDBOOK IN ADOLESCENT MEDICINE: A GUIDE FOR HEALTH PROFESSIONALS WHO WORK WITH ADOLESCENTS AND YOUNG ADULTS*
  Palmer, D. M., Williams, L. M., Steinbeck, K., Kohn, M.
  2013: 15–25
- **BRAINnet: A STANDARDIZED GLOBAL HUMAN BRAIN PROJECT** *TECHNOLOGY AND INNOVATION*
  Koslow, S. H., Wang, Y., Palmer, D. M., Gordon, E., Williams, L. M.
  2013; 15 (1): 17–29
- **Widespread reductions in gray matter volume in depression** *NEUROIMAGE-CLINICAL*
  Grieve, S. M., Korgaonkar, M. S., Koslow, S. H., Gordon, E., Williams, L. M.
  2013; 3: 332-339
- **Dysregulation in cortical reactivity to emotional faces in PTSD patients with high dissociation symptoms.** *European journal of psychotraumatology*
  Klimova, A., Bryant, R. A., Williams, L. M., Felmingham, K. L.
  2013; 4
- **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*
  Chu, D. A., Williams, L. M., Harris, A. W., Bryant, R. A., Gatt, J. M.
  2013; 47 (1): 23-32
- **Hippocampal volume varies with educational attainment across the life-span** *FRONTIERS IN HUMAN NEUROSCIENCE*
  Noble, K. G., Grieve, S. M., Korgaonkar, M. S., Engelhardt, L. E., Griffith, E. Y., Williams, L. M., Brickman, A. M.
  2012; 6
- **The presentation of early onset psychotic disorders**
  Starling, J., Williams, L., Hainsworth, C., Harris, A.
  WILEY-BLACKWELL.2012: 54
- **Prediction of antidepressant response in the iSPOT-D trial from baseline fMRI - preliminary findings**
  Boyce, P., Korgaonkar, M., Grieve, S., Song, Y., Armstrong, L., Usherwood, T., Williams, L., Harris, A.
  ELSEVIER SCIENCE BV.2012: S258
- **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*
  Williams, L. M., Cooper, N. J., Wisniewski, S. R., Gatt, J. M., Koslow, S. H., Kulkarni, J., Devarney, S., Gordon, E., Rush, A. J.
  2012; 2 (5): 576-589
- **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*
  Williams, L. M., Cooper, N. J., Wisniewski, S. R., Gatt, J. M., Koslow, S. H., Kulkarni, J., Devarney, S., Gordon, E., John Rush, A.
  2012; 2 (5): 576-89
- **Testing the white matter retrogenesis hypothesis of cognitive aging** *NEUROBIOLOGY OF AGING*
  Brickman, A. M., Meier, I. B., Korgaonkar, M. S., Provenzano, F. A., Grieve, S. M., Siedlecki, K. L., Wasserman, B. T., Williams, L. M., Zimmerman, M. E.
  2012; 33 (8): 1699-1715
- **Finding a biosignature for melancholic depression** *EXPERT REVIEW OF NEUROTHERAPEUTICS*
  Day, C. V., Williams, L. M.
  2012; 12 (7): 835-847
- **Mapping inter-regional connectivity of the entire cortex to characterize major depressive disorder: a whole-brain diffusion tensor imaging tractography study** *NEUROREPORT*
  Korgaonkar, M. S., Cooper, N. J., Williams, L. M., Grieve, S. M.
  2012; 23 (9): 566-571
- **The TWIN-E Project in Emotional Wellbeing: Study Protocol and Preliminary Heritability Results Across Four MRI and DTI Measures** *TWIN RESEARCH AND HUMAN GENETICS*

Gatt, J. M., Korgaonkar, M. S., Schofield, P. R., Harris, A., Clark, C. R., Oakley, K. L., Ram, K., Michaelson, H., Yap, S., Stanners, M., Wise, V., Williams, L. M.
2012; 15 (3): 419-441

- **Magnetic Resonance Imaging of Major Depressive Disorder (MDD): First Planned Outcomes from the ISPOT-D Study** *67th Annual Meeting of the Society-of-Biological-Psychiatry*
  Korgaonkar, M. S., Grieve, S. M., Etkin, A., Foster, S., Gomes, L., Song, Y., Armstrong, L., Boyce, P., Usherwood, T., Harris, A. W., Koslow, S. H., Williams, L. M.
  ELSEVIER SCIENCE INC.2012: 210S–210S
- **Emotion Biases and Familial Risk for Depression**
  Watters, A. J., Harvey, K. C., Williams, L. M.
  ELSEVIER SCIENCE INC.2012: 79S–80S
- **Emotion in First Onset Schizophrenia; Integrating Behaviour, Physiology and Imaging**
  Williams, L.
  ELSEVIER SCIENCE INC.2012: 232S
- **Negative Emotion Biases; What's Common and What's not Across Measures and Dimensions of Depression and Anxiety**
  Williams, L.
  ELSEVIER SCIENCE INC.2012: 245S
- **Neural Correlates of Emotion Processing in Psychosis Provide Evidence for Very Early Disruptions to Emotional Brain Circuitry** *67th Annual Meeting of the Society-of-Biological-Psychiatry*
  Brennan, A. M., Harris, A. W., Williams, L. M.
  ELSEVIER SCIENCE INC.2012: 98S–98S
- **Cognition and Emotion in Child and Adolescent ADHD** *67th Annual Meeting of the Society-of-Biological-Psychiatry*
  Tsang, T. W., Kohn, M. R., Clarke, S. D., Williams, L. M.
  ELSEVIER SCIENCE INC.2012: 74S–74S
- **Prefrontal Dysfunction in Depression using Standardized fMRI Protocols: First Wave of Results from the iSPOT-D Study** *67th Annual Meeting of the Society-of-Biological-Psychiatry*
  Song, Y. J., Armstrong, L. V., Korgaonkar, M., Grieve, S., Etkin, A., Boyce, P., Harris, A. W., Williams, L. M.
  ELSEVIER SCIENCE INC.2012: 196S–196S
- **Identifying Risk and Resilience Gene-Brain Markers of Emotional Wellbeing: The TWIN-E Project** *67th Annual Meeting of the Society-of-Biological-Psychiatry*
  Gatt, J. M., Korgaonkar, M., Schofield, P. R., Harris, A., Clark, R., Williams, L. M.
  ELSEVIER SCIENCE INC.2012: 14S–14S
- **THE INTERNATIONAL STUDY TO PREDICT OPTIMIZED TREATMENT - IN DEPRESSION: RATIONAL, DESIGN AND INITIAL FINDINGS**
  Rush, A., Williams, L. M., Koslow, S. H., Wisniewski, S. R., Cooper, N. J., Nemeroff, C. B., Schatzberg, A. F., Gordon, E.
  ELSEVIER FRANCE-EDITIONS SCIENTIFIQUES MEDICALES ELSEVIER.2012
- **Absolute Level of Gamma Synchrony is Increased in First-Episode Schizophrenia During Face Processing** *JOURNAL OF EXPERIMENTAL PSYCHOPATHOLOGY*
  Silverstein, S. M., All, S. D., Thompson, J. L., Williams, L. M., Whitford, T. J., Nagy, M., Flynn, G., Harris, A. W. F., Galletly, C., Gordon, E.
  2012; 3 (4): 702–23
- **Loss of White Matter Integrity in Major Depressive Disorder: Evidence Using Tract-Based Spatial Statistical Analysis of Diffusion Tensor Imaging** *HUMAN BRAIN MAPPING*
  Korgaonkar, M. S., Grieve, S. M., Koslow, S. H., Gabrieli, J. D., Gordon, E., Williams, L. M.
  2011; 32 (12): 2161-2171
- **Patterns of Emotional-Cognitive Functioning in Pediatric Conversion Patients: Implications for the Conceptualization of Conversion Disorders** *PSYCHOSOMATIC MEDICINE*
  Kozlowska, K., Scher, S., Williams, L. M.
  2011; 73 (9): 775-788
- **NEGATIVE BIASES AND RISK FOR DEPRESSION; INTEGRATING SELF-REPORT AND EMOTION TASK MARKERS** *DEPRESSION AND ANXIETY*

Watters, A. J., Williams, L. M.
2011; 28 (8): 703-718

- **Identifying Gene, Brain, Cognition and Emotion Markers for Response to Antidepressants: The iSPOT-D Trial** *66th Annual Meeting of the Society-of-Biological-Psychiatry*
  Williams, L. M., Rush, A. J., Koslow, S., Wisniewski, S., Cooper, N., Nemeroff, C., Schatzberg, A., Gordon, E.
  ELSEVIER SCIENCE INC.2011: 135S–135S
- **Neural Circuitry and Social Cognition in First Onset Schizophrenia**
  Williams, L., Brennan, A., Harris, A. W. F.
  ELSEVIER SCIENCE INC.2011: 240S–241S
- **SCHIZOPHRENIA AS A DISORDER OF "NEURAL INTEGRATION": LINKING BRAIN SYNCHRONY, COGNITION, EMOTION AND CLINICAL PROFILE**
  Brennan, A., Harris, A., Williams, L., Galletly, C., Silverstein, S., Starling, J., Nagy, M.
  INFORMA HEALTHCARE.2011: A5
- **Regional heterogeneity in limbic maturational changes: Evidence from integrating cortical thickness, volumetric and diffusion tensor imaging measures** *NEUROIMAGE*
  Grieve, S. M., Korgaonkar, M. S., Clark, C. R., Williams, L. M.
  2011; 55 (3): 868-879
- **A randomized controlled trial investigation of a non-stimulant in attention deficit hyperactivity disorder (ACTION): Rationale and design** *TRIALS*
  Tsang, T. W., Kohn, M. R., Hermens, D. F., Clarke, S. D., Clark, C. R., Efron, D., Cranswick, N., Lamb, C., Williams, L. M.
  2011; 12
- **GAMMA SYNCHRONY IN FIRST EPISODE SCHIZOPHRENIA: ASSOCIATION WITH SYMPTOMATOLOGY AND NEUROCOGNITIVE DEFICITS** *13th International Congress on Schizophrenia Research (ICSR)*
  Harris, A. W., Starling, J., Galletley, C., HUBY, A., Williams, L. M.
  OXFORD UNIV PRESS.2011: 35–35
- **COGNITIVE IMPAIRMENTS IN 26 CHILDREN AND ADOLESCENTS WITH PSYCHOTIC DISORDERS COMPARED WITH NORMAL CONTROLS**
  Starling, J., Hainsworth, C., Harris, A. W. F., Hubby, A., Williams, L.
  OXFORD UNIV PRESS.2011: 229
- **Using Brain-Based Cognitive Measures to Support Clinical Decisions in ADHD Response** *PEDIATRIC NEUROLOGY*
  Williams, L. M., Kohn, M. R., Clarke, S. D.
  2011; 44 (2): 157-157
- **The Impact of Dissociation in Posttraumatic Stress Disorder (PTSD) on Electrical Brain Activity**
  Meares, R., Melkonian, D., Felmingham, K., Brown, K., Williams, L., Bryant, R.
  GUILFORD PUBLICATIONS INC.2011: 24
- **Loss of Self Regulation in Borderline Personality Disorder: A Brain Basis in Neural 'Dis-Integration'?**
  Williams, L.
  GUILFORD PUBLICATIONS INC.2011: 23
- **International Study to Predict Optimized Treatment for Depression (iSPOT-D), a randomized clinical trial: rationale and protocol** *TRIALS*
  Williams, L. M., Rush, A. J., Koslow, S. H., Wisniewski, S. R., Cooper, N. J., Nemeroff, C. B., Schatzberg, A. F., Gordon, E.
  2011; 12
- **EEG in Adolescent Anorexia Nervosa: Impact of Refeeding and Weight Gain** *INTERNATIONAL JOURNAL OF EATING DISORDERS*
  Hatch, A., Madden, S., Kohn, M. R., Clarke, S., Touyz, S., Gordon, E., Williams, L. M.
  2011; 44 (1): 65-75
- **COMT Val(108/158)Met polymorphism effects on emotional brain function and negativity bias** *NEUROIMAGE*
  Williams, L. M., Gatt, J. M., Grieve, S. M., Dobson-Stone, C., Paul, R. H., Gordon, E., Schofield, P. R.
  2010; 53 (3): 918-925

- **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*
  Gatt, J. M., Nemeroff, C. B., Schofield, P. R., Paul, R. H., Clark, C. R., Gordon, E., Williams, L. M.
  2010; 68 (9): 818-824

- **An 'integrative neuroscience' perspective on ADHD: linking cognition, emotion, brain and genetic measures with implications for clinical support** *EXPERT REVIEW OF NEUROTHERAPEUTICS*
  Williams, L. M., Tsang, T. W., Clarke, S., Kohn, M.
  2010; 10 (10): 1607-1621

- **GENERAL AND EMOTIONAL COGNITION IN VERY EARLY ONSET PSYCHOSIS**
  Starling, J., Hainsworth, C., Harris, A., Nagy, M., Williams, L.
  INFORMA HEALTHCARE.2010: A41–A42

- **GAMMA SYNCHRONY AND EMOTION: A SPECIFIC MARKER FOR FIRST EPISODE SCHIZOPHRENIA VERSUS MAJOR DEPRESSIVE DISORDER?**
  Nagy, M., Huby, A., Harris, A., Williams, L.
  INFORMA HEALTHCARE.2010: A41

- **COGNITION IN RECENT ONSET SCHIZOPHRENIA**
  Galletly, C., Silverstein, S., Huby, A., Williams, L., Harris, A.
  INFORMA HEALTHCARE.2010: A41

- **ASSOCIATION OF GAMMA SYNCHRONY WITH NEUROCOGNITIVE DEFICITS ACROSS TWO COHORTS OF SUBJECTS WITH EARLY ONSET SCHIZOPHRENIA**
  Harris, A., Starling, J., Nagy, M., Huby, A., Williams, L.
  INFORMA HEALTHCARE.2010: A42

- **IMPACT OF THE HTR3A GENE WITH EARLY LIFE TRAUMA ON EMOTIONAL BRAIN NETWORKS AND DEPRESSED MOOD** *DEPRESSION AND ANXIETY*
  Gatt, J. M., Williams, L. M., Schofield, P. R., Dobson-Stone, C., Paul, R. H., Grieve, S. M., Clark, C. R., Gordon, E., Nemeroff, C. B.
  2010; 27 (8): 752-759

- **Emotion brain alterations in anorexia nervosa: a candidate biological marker and implications for treatment** *JOURNAL OF PSYCHIATRY & NEUROSCIENCE*
  Hatch, A., Madden, S., Kohn, M. R., Clarke, S., Touyz, S., Gordon, E., Williams, L. M.
  2010; 35 (4): 267-274

- **Impact of depression heterogeneity on attention: An auditory oddball event related potential study** *JOURNAL OF AFFECTIVE DISORDERS*
  Kemp, A. H., Benito, L. P., Quintana, D. S., Clark, C. R., McFarlane, A., Mayur, P., Harris, A., Boyce, P., Williams, L. M.
  2010; 123 (1-3): 202-207

- **Simulating Emotional Responses in Posttraumatic Stress Disorder: An fMRI Study** *PSYCHOLOGICAL INJURY & LAW*
  Bryant, R. A., Kemp, A., Felmingham, K., Liddell, B., Olivieri, G., Peduto, A., Gordon, E., Williams, L. M.
  2010; 3 (2): 111–17

- **Anorexia Nervosa: Towards An Integrative Neuroscience Model** *EUROPEAN EATING DISORDERS REVIEW*
  Hatch, A., Madden, S., Kohn, M., Clarke, S., Touyz, S., Williams, L. M.
  2010; 18 (3): 165-179

- **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*
  Hatch, A., Madden, S., Kohn, M. R., Clarke, S., Touyz, S., Gordon, E., Williams, L. M.
  2010; 43 (4): 295-306

- **THE CONTRIBUTION OF ANXIETY TO FMRI IN FIRST EPISODE SCHIZOPHRENIA**
  Harris, A., Prasad, K., Brown, K., Flynn, G., Felmingham, K., Williams, L.
  ELSEVIER SCIENCE BV.2010: 239

- **Personalized medicine for the brain: a call for action** *MOLECULAR PSYCHIATRY*
  Koslow, S. H., Williams, L. M., Gordon, E.

2010; 15 (3): 229-230

- **Neural Responses to Masked Fear Faces: Sex Differences and Trauma Exposure in Posttraumatic Stress Disorder** *JOURNAL OF ABNORMAL PSYCHOLOGY*
  Felmingham, K., Williams, L. M., Kemp, A. H., Liddell, B., Falconer, E., Peduto, A., Bryant, R.
  2010; 119 (1): 241-247
- **Using Brain-Based Cognitive Measures to Support Clinical Decisions in ADHD** *PEDIATRIC NEUROLOGY*
  Williams, L. M., Hermens, D. F., Thein, T., Clark, C. R., Cooper, N. J., Clarke, S. D., Lamb, C., Gordon, E., Kohn, M. R.
  2010; 42 (2): 118-126
- **Heterogeneity of non-conscious fear perception in posttraumatic stress disorder as a function of physiological arousal: An fMRI study** *PSYCHIATRY RESEARCH-NEUROIMAGING*
  Kemp, A. H., Felmingham, K. L., Falconer, E., Liddell, B. J., Bryant, R. A., Williams, L. M.
  2009; 174 (2): 158-161
- **Duration of posttraumatic stress disorder predicts hippocampal grey matter loss** *NEUROREPORT*
  Felmingham, K., Williams, L. M., Whitford, T. J., Falconer, E., Kemp, A. H., Peduto, A., Bryant, R. A.
  2009; 20 (16): 1402-1406
- **Self-protective organization in children with conversion and somatoform disorders** *JOURNAL OF PSYCHOSOMATIC RESEARCH*
  Kozlowska, K., Williams, L. M.
  2009; 67 (3): 223-233
- **'Negativity bias' in risk for depression and anxiety: Brain-body fear circuitry correlates, 5-HTT-LPR and early life stress** *NEUROIMAGE*
  Williams, L. M., Gatt, J. M., Schofield, P. R., Olivieri, G., Peduto, A., Gordon, E.
  2009; 47 (3): 804-814
- **Anterior cingulate activity to salient stimuli is modulated by autonomic arousal in Posttraumatic Stress Disorder** *PSYCHIATRY RESEARCH-NEUROIMAGING*
  Felmingham, K. L., Williams, L. M., Kemp, A. H., Rennie, C., Gordon, E., Bryant, R. A.
  2009; 173 (1): 59-62
- **Emotion-elicited gamma synchrony in patients with first-episode schizophrenia: a neural correlate of social cognition outcomes** *JOURNAL OF PSYCHIATRY & NEUROSCIENCE*
  Williams, L. M., Whitford, T. J., Nagy, M., Flynn, G., Harris, A. W., Silverstein, S. M., Gordon, E.
  2009; 34 (4)
- **Emotion-elicited gamma synchrony in patients with first-episode schizophrenia: a neural correlate of social cognition outcomes.** *Journal of psychiatry & neuroscience : JPN*
  Williams, L. M., Whitford, T. J., Nagy, M., Flynn, G., Harris, A. W., Silverstein, S. M., Gordon, E.
  2009; 34 (4): 303-13
- **Interactions between BDNF Val66Met polymorphism and early life stress predict brain and arousal pathways to syndromal depression and anxiety** *MOLECULAR PSYCHIATRY*
  Gatt, J. M., Nemeroff, C. B., Dobson-Stone, C., Paul, R. H., Bryant, R. A., Schofield, P. R., Gordon, E., Kemp, A. H., Williams, L. M.
  2009; 14 (7): 681-695
- **Delusions and dorso-medial frontal cortex volume in first-episode schizophrenia: A voxel-based morphometry study** *PSYCHIATRY RESEARCH-NEUROIMAGING*
  Whitford, T. J., Farrow, T. F., Williams, L. M., Gomes, L., Brennan, J., Harris, A. W.
  2009; 172 (3): 175-179
- **A Polymorphism of the MAOA Gene is Associated with Emotional Brain Markers and Personality Traits on an Antisocial Index** *NEUROPSYCHOPHARMACOLOGY*
  Williams, L. M., Gatt, J. M., Kuan, S. A., Dobson-Stone, C., Palmer, D. M., Paul, R. H., Song, L., Costa, P. T., Schofield, P. R., Gordon, E.
  2009; 34 (7): 1797-1809
- **Brain Derived Neurotrophic Factor Val66Met Polymorphism, the Five Factor Model of Personality and Hippocampal Volume: Implications for Depressive Illness** *HUMAN BRAIN MAPPING*
  Joffe, R. T., Gatt, J. M., Kemp, A. H., Grieve, S., Dobson-Stone, C., Kuan, S. A., Schofield, P. R., Gordon, E., Williams, L. M.

2009; 30 (4): 1246-1256

- **Computerized Neuropsychological Assessments: Pros and Cons** *CNS SPECTRUMS*
  Kemp, A. H., Hatch, A., Williams, L. M.
  2009; 14 (3): 118-119

- **CLINICAL AND COGNITIVE FEATURES OF EARLY ONSET PSYCHOSIS: PILOT DATA FROM AN EARLY PSYCHOSIS STUDY**
  Starling, J., Harris, A., Williams, L., Smith, C., Nagy, M.
  OXFORD UNIV PRESS.2009: 44

- **EVIDENCE FOR NEURODEGENERATION? FURTHER REDUCTION IN P300 AMPLITUDE OBSERVED OVER 3 YEAR FOLLOW-UP IN FIRST EPISODE SCHIZOPHRENIA** *12th International Congress on Schizophrenia Research*
  Harris, A. W., BROWN, K., Brennan, J., Williams, L. M.
  OXFORD UNIV PRESS.2009: 57–57

- **Small-World Properties of Nonlinear Brain Activity in Schizophrenia** *HUMAN BRAIN MAPPING*
  Rubinov, M., Knock, S. A., Stam, C. J., Micheloyannis, S., Harris, A. W., Williams, L. M., Breakspear, M.
  2009; 30 (2): 403-416

- **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*
  Gow, R. V., Matsudaira, T., Taylor, E., Rubia, K., Crawford, M., Ghebremeskel, K., Ibrahimovic, A., Vallee-Tourangeau, F., Williams, L. M., Sumich, A.
  2009; 80 (2-3): 151-156

- **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*
  Kemp, A. H., Hopkinson, P. J., Hermens, D. F., Rowe, D. L., Sumich, A. L., Clark, C. R., Drinkenburg, W., Abdi, N., Penrose, R., McFarlane, A., Boyce, P., Gordon, E., Williams, et al
  2009; 30 (2): 602-614

- **Disturbances in selective information processing associated with the BDNF Val66Met polymorphism: Evidence from cognition, the P300 and fronto-hippocampal systems** *BIOLOGICAL PSYCHOLOGY*
  Schofield, P. R., Williams, L. M., Paul, R. H., Gatt, J. M., Brown, K., Luty, A., Cooper, N., Grieve, S., Dobson-Stone, C., Morris, C., Kuan, S. A., Gordon, E.
  2009; 80 (2): 176-188

- **Neural synchrony in patients with a first episode of schizophrenia: tracking relations with grey matter and symptom profile** *JOURNAL OF PSYCHIATRY & NEUROSCIENCE*
  Williams, L. M., Whitford, T. J., Gordon, E., Gomes, L., Brown, K. J., Harris, A. W.
  2009; 34 (1): 21-29

- **Psychological and neural correlates of emotional intelligence in a large sample of adult males and females** *PERSONALITY AND INDIVIDUAL DIFFERENCES*
  Craig, A., Tran, Y., Hermens, G., Williams, L. M., Kemp, A., Morris, C., Gordon, E.
  2009; 46 (2): 111-115

- **Explicit identification and implicit recognition of facial emotions: I. Age effects in males and females across 10 decades** *JOURNAL OF CLINICAL AND EXPERIMENTAL NEUROPSYCHOLOGY*
  Williams, L. M., Mathersul, D., Palmer, D. M., Gur, R. C., Gur, R. E., Gordon, E.
  2009; 31 (3): 257-277

- **Explicit identification and implicit recognition of facial emotions: II. Core domains and relationships with general cognition** *JOURNAL OF CLINICAL AND EXPERIMENTAL NEUROPSYCHOLOGY*
  Mathersul, D., Palmer, D. M., Gur, R. C., Gur, R. E., Cooper, N., Gordon, E., Williams, L. M.
  2009; 31 (3): 278-291

- **Improving the Prediction of Treatment Response in Depression: Integration of Clinical, Cognitive, Psychophysiological, Neuroimaging, and Genetic Measures** *CNS SPECTRUMS*
  Kemp, A. H., Gordon, E., Rush, J., Williams, L. M.
  2008; 13 (12): 1066-1086

- **Dissociative responses to conscious and non-conscious fear impact underlying brain function in post-traumatic stress disorder** *PSYCHOLOGICAL MEDICINE*
  Felmingham, K., Kemp, A. H., Williams, L., FALCONER, E., Olivieri, G., Peduto, A., Bryant, R.
  2008; 38 (12): 1771-1780

- **Association between BDNF Val66Met polymorphism and trait depression is mediated via resting EEG alpha band activity** *BIOLOGICAL PSYCHOLOGY*
  Gatt, J. M., Kuan, S. A., Dobson-Stone, C., Paul, R. H., Joffe, R. T., Kemp, A. H., Gordon, E., Schofield, P. R., Williams, L. M.
  2008; 79 (2): 275-284

- **Abnormalities in early perceptual processing in first episode psychosis - are there gender differences?**
  Teoh, Z. M., Galletly, C., Burns, N., Harris, A., Williams, L., Silverstein, S., Flynn, G., Brown, K.
  WILEY-BLACKWELL PUBLISHING, INC.2008: A85

- **Increased absolute magnitude of gamma synchrony in first-episode psychosis** *SCHIZOPHRENIA RESEARCH*
  Flynn, G., Alexander, D., Harris, A., Whitford, T., Wong, W., Galletly, C., Silverstein, S., Gordon, E., Williams, L. M.
  2008; 105 (1-3): 262-271

- **The integrate model of emotion, thinking and self regulation: an application to the "paradox of aging".** *Journal of integrative neuroscience*
  Williams, L. M., Gatt, J. M., Hatch, A., Palmer, D. M., Nagy, M., Rennie, C., Cooper, N. J., Morris, C., Grieve, S., Dobson-Stone, C., Schofield, P., Clark, C. R., Gordon, et al
  2008; 7 (3): 367-404

- **An "integrative neuroscience" platform: application to profiles of negativity and positivity bias.** *Journal of integrative neuroscience*
  Gordon, E., Barnett, K. J., Cooper, N. J., Tran, N., Williams, L. M.
  2008; 7 (3): 345-66

- **An "integrative neuroscience" platform: application to profiles of negativity and positivity bias.** *Journal of integrative neuroscience*
  Gordon, E., Barnett, K. J., Cooper, N. J., Tran, N., Williams, L. M.
  2008; 7 (3): 345-366

- **The neural networks of inhibitory control in posttraumatic stress disorder** *JOURNAL OF PSYCHIATRY & NEUROSCIENCE*
  Falconer, E., Bryant, R., Felmingham, K. L., Kemp, A. H., Gordon, E., Peduto, A., Olivieri, G., Williams, L. M.
  2008; 33 (5): 413-422

- **Developing an integrated brain, behavior and biological response profile in posttraumatic stress disorder (PTSD).** *Journal of integrative neuroscience*
  Falconer, E. M., Felmingham, K. L., Allen, A., Clark, C. R., McFarlane, A. C., Williams, L. M., Bryant, R. A.
  2008; 7 (3): 439-456

- **Investigating models of affect: Relationships among EEG alpha asymmetry, depression, and anxiety** *EMOTION*
  Mathersul, D., Williams, L. M., Hopkinson, P. J., Kemp, A. H.
  2008; 8 (4): 560-572

- **Voxel-based morphometry in schizophrenia: implications for neurodevelopmental connectivity models, cognition and affect.** *Expert review of neurotherapeutics*
  Williams, L. M.
  2008; 8 (7): 1049-1065

- **Misinterpreting emotional expressions in attention-deficit/hyperactivity disorder: Evidence for a neural marker and stimulant effects** *BIOLOGICAL PSYCHIATRY*
  Williams, L. M., Hermens, D. F., Palmer, D., Kohn, M., Clarke, S., Keage, H., Clark, C. R., Gordon, E.
  2008; 63 (10): 917-926

- **Enhanced amygdala and medial prefrontal activation during nonconscious processing of fear in posttraumatic stress disorder: An fMRI study** *HUMAN BRAIN MAPPING*
  Bryant, R. A., Kemp, A. H., Felmingham, K. L., Liddell, B., Olivieri, G., Peduto, A., Gordon, E., Williams, L. M.
  2008; 29 (5): 517-523

- **Putative biomarker of working memory systems development during childhood and adolescence (vol 19, pg 197, 2008)** *NEUROREPORT*
  Keage, H. A. D., Clark, C. R., Hermens, D. F., Williams, L. M., Kohn, M. R., Clarke, S., Lamb, C., Crewther, D., Gordon, E.

2008; 19 (6): 701

- **Resting electroencephalogram asymmetry and posttraumatic stress disorder** *JOURNAL OF TRAUMATIC STRESS*
  Shankman, S. A., Silverstein, S. M., Williams, L. M., Hopkinson, P. J., Kemp, A. H., Felmingham, K. L., Bryant, R. A., McFarlane, A., Clark, C. R.
  2008; 21 (2): 190-198
- **Amygdala and ventral anterior cingulate activation predicts treatment response to cognitive behaviour therapy for post-traumatic stress disorder** *PSYCHOLOGICAL MEDICINE*
  Bryant, R. A., Felmingham, K., Kemp, A., Das, P., Hughes, G., Peduto, A., Williams, L.
  2008; 38 (4): 555-561
- **Rostral anterior cingulate volume predicts treatment response to cognitive-behavioural therapy for posttraumatic stress disorder** *JOURNAL OF PSYCHIATRY & NEUROSCIENCE*
  Bryant, R. A., Felmingham, K., Whitford, T. J., Kemp, A., Hughes, G., Peduto, A., Williams, L. M.
  2008; 33 (2): 142-146
- **Early Life Stress on Brain Structure and Function Across the Lifespan: A Preliminary Study** *BRAIN IMAGING AND BEHAVIOR*
  Seckfort, D. L., Paul, R., Grieve, S. M., Vandenberg, B., Bryant, R. A., Williams, L. M., Clark, C. R., Cohen, R. A., Bruce, S., Gordon, E.
  2008; 2 (1): 49-58
- **Body mass index and neuropsychological function in healthy children and adolescents** *APPETITE*
  Gunstad, J., Spitznagel, M. B., Paul, R. H., Cohen, R. A., Kohn, M., Luyster, F. S., Clark, R., Williams, L. M., Gordon, E.
  2008; 50 (2-3): 246-251
- **Investigating the neuropsychological and neuroanatomical changes that occur over the first 2-3 years of illness in patients with first-episode schizophrenia** *PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY*
  Zipparo, L., Whitford, T. J., Hodge, M. A., Lucas, S., Farrow, T. F., Brennan, J., Gomes, L., Williams, L. M., Harris, A. W.
  2008; 32 (2): 531-538
- **The relationship between early life stress and microstructural integrity of the corpus callosum in a non-clinical population.** *Neuropsychiatric disease and treatment*
  Paul, R., Henry, L., Grieve, S. M., Guilmette, T. J., Niaura, R., Bryant, R., Bruce, S., Williams, L. M., Richard, C. C., Cohen, R. A., Gordon, E.
  2008; 4 (1): 193-201
- **The relationship between early life stress and microstructural integrity of the corpus callosum in a non-clinical population.** *Neuropsychiatric disease and treatment*
  Paul, R., Henry, L., Grieve, S. M., Guilmette, T. J., Niaura, R., Bryant, R., Bruce, S., Williams, L. M., Richard, C. C., Cohen, R. A., Gordon, E.
  2008; 4 (1): 193-201
- **General and social cognition in first episode schizophrenia: Identification of separable factors and prediction of functional outcome using the IntegNeuro, test battery** *SCHIZOPHRENIA RESEARCH*
  Williams, L. M., Whitford, T. J., Flynn, G., Wong, W., Liddell, B. J., Silverstein, S., Galletly, C., Harris, A. W., Gordon, E.
  2008; 99 (1-3): 182-191
- **ERP indices of working memory updating in AD/HD: Differential aspects of development, subtype, and medication** *JOURNAL OF CLINICAL NEUROPHYSIOLOGY*
  Keage, H. A., Clark, C. R., Hermens, D. F., Williams, L. M., Kohn, M. R., Clarke, S., Lamb, C., Crewther, D., Gordon, E.
  2008; 25 (1): 32-41
- **Putative biomarker of working memory systems development during childhood and adolescence** *NEUROREPORT*
  Keage, H. A., Clark, C. R., Hermens, D. F., Williams, L. M., Kohn, M. R., Clarke, S., Lamb, C., Crewther, D., Gordon, E.
  2008; 19 (2): 197-201
- **Event-related wave activity in the EEG provides new marker of ADHD** *CLINICAL NEUROPHYSIOLOGY*
  Alexander, D. M., Hermens, D. F., Keage, H. A., Clark, C. R., Williams, L. M., Kohn, M. R., Clarke, S. D., Lamb, C., Gordon, E.
  2008; 119 (1): 163-179
- **Effect of age on startle and on prepulse inhibition of startle** *48th Annual Meeting of the Society-for-Psychophysiological-Research*
  Lipp, O. V., Blumenthal, T. D., Mallan, K. M., Williams, L. M., Gordon, E.
  WILEY-BLACKWELL.2008: S78–S78

- **Development and validation of a World-Wide-Web-based neurocognitive assessment battery WebNeuro** *BEHAVIOR RESEARCH METHODS*
  Selverstein, S. M., Berten, S., Olson, P., Paul, R., Williams, L. M., Cooper, N., Gordon, E.
  2007; 39 (4): 940-949

- **Neural biases to covert and overt signals of fear: Dissociation by trait anxiety and depression** *JOURNAL OF COGNITIVE NEUROSCIENCE*
  Williams, L. M., Kemp, A. H., Felmingham, K., Liddell, B. J., Palmer, D. M., Bryant, R. A.
  2007; 19 (10): 1595-1608

- **Investigation of MCPH1 G37995C and ASPM A44871G polymorphisms and brain size in a healthy cohort** *NEUROIMAGE*
  Dobson-Stone, C., Gatt, J. M., Kuan, S. A., Grieve, S. M., Gordon, E., Williams, L. M., Schofield, P. R.
  2007; 37 (2): 394-400

- **Influence of comorbid depression on fear in posttraurnatic stress disorder: An fMRI study** *PSYCHIATRY RESEARCH-NEUROIMAGING*
  Kemp, A. H., Felmingham, K., Das, P., Hughes, G., Peduto, A. S., Bryant, R. A., Williams, L. M.
  2007; 155 (3): 265-269

- **Dynamic organization of the emotional brain: Responsivity, stability, and instability** *NEUROSCIENTIST*
  Williams, L. M., Gordon, E.
  2007; 13 (4): 349-370

- **The contribution of apolipoprotein E alleles on cognitive performance and dynamic neural activity over six decades** *BIOLOGICAL PSYCHOLOGY*
  Alexander, D. M., Williams, L. M., Gatt, J. M., Dobson-Stone, C., Kuan, S. A., Todd, E. G., Schofield, P. R., Cooper, N. J., Gordon, E.
  2007; 75 (3): 229-238

- **Distinguishing symptom profiles in adolescent ADHD using an objective cognitive test battery.** *International journal of adolescent medicine and health*
  Clarke, S. D., Kohn, M. R., Hermens, D. F., Rabbinge, M., Clark, C. R., Gordon, E., Williams, L. M.
  2007; 19 (3): 355-367

- **Volumetric white matter abnormalities in first-episode schizophrenia: A longitudinal, tensor-based morphometry study** *Australasian Schizophrenia Conference*
  Whitford, T. J., Grieve, S. M., Farrow, T. F., Gomes, L., Brennan, J., Harris, A. W., Gordon, E., Williams, L. M.
  AMER PSYCHIATRIC PUBLISHING, INC.2007: 1082–89

- **Diffusion tensor imaging of the corpus callosum: a cross-sectional study across the lifespan** *INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE*
  McLaughlin, N. C., Paul, R. H., Grieve, S. M., Williams, L. M., Laidlaw, D., DiCarlo, M., Clark, C. R., Whelihan, W., Cohen, R. A., Whitford, T. J., Gordon, E.
  2007; 25 (4): 215-221

- **Fronto-limbic and autonomic disjunctions to negative emotion distinguish schizophrenia subtypes** *PSYCHIATRY RESEARCH-NEUROIMAGING*
  Williams, L. (., Das, P., Liddell, B. J., Olivieri, G., Peduto, A. S., David, A. S., Gordon, E., Harris, A. W.
  2007; 155 (1): 29-44

- **Genotypes and neural binding in negative affect: The contribution of genetic polymorphisms to 40 hz gamma phase synchrony** *62nd Annual Meeting of the Society-of-Biological-Psychiatry*
  Williams, L. M., Gatt, J. M., Kuan, S., Dobson-Stone, C., Paul, R. H., Schofield, P. R., Gordon, E.
  ELSEVIER SCIENCE INC.2007: 265S–265S

- **Longitudinal changes in neuroanatomy and neural activity in early schizophrenia** *NEUROREPORT*
  Whitford, T. J., Farrow, T. F., Rennie, C. J., Grieve, S. M., Gomes, L., Brennan, J., Harris, A. W., Williams, L. M.
  2007; 18 (5): 435-439

- **Integrating "brain" and "body" measures: correlations between EEG and metabolic changes over the human lifespan.** *Journal of integrative neuroscience*
  Boord, P. R., Rennie, C. J., Williams, L. M.
  2007; 6 (1): 205-218

- **Does fronto-limbic functional connectivity predict clinical outcome in schizophrenia?**

Das, P., Flynn, G., Harris, A. W., Whitford, T. J., Williams, L. M.
OXFORD UNIV PRESS.2007: 364–65

- **Gamma-phase synchrony and greymatter volume: A longitudinal study of first episode schizophrenia**
  Whitford, T. J., Das, P., Flynn, G., Harris, A., Gordon, E., Williams, L.
  OXFORD UNIV PRESS.2007: 414
- **Too much or too little? High-frequency neural synchrony in first episode schizophrenia**
  Williams, L. M., Whitford, T., Boord, P., Alexander, D., Das, P., Wong, W., Gordon, E., Harris, A. W., Flynn, G.
  OXFORD UNIV PRESS.2007: 549
- **Brain maturation in adolescence: Concurrent changes in neuroanatomy and neurophysiology** *HUMAN BRAIN MAPPING*
  Whitford, T. J., Rennie, C. J., Grieve, S. M., Clark, C. R., Gordon, E., Williams, L. M.
  2007; 28 (3): 228-237
- **A genotype-endophenotype-phenotype path model of depressed mood: integrating cognitive and emotional markers.** *Journal of integrative neuroscience*
  Gatt, J. M., Clark, C. R., Kemp, A. H., Liddell, B. J., Dobson-Stone, C., Kuan, S. A., Schofield, P. R., Williams, L. M.
  2007; 6 (1): 75-104
- **An integrative approach to determine the best behavioral and biological markers of methylphenidate.** *Journal of integrative neuroscience*
  Hermens, D. F., Cooper, N. J., Clark, C. R., Debrota, D., Clarke, S. D., Williams, L. M.
  2007; 6 (1): 105-140
- **Brain structure and function correlates of general and social cognition.** *Journal of integrative neuroscience*
  Rowe, D. L., Cooper, N. J., Liddell, B. J., Clark, C. R., Gordon, E., Williams, L. M.
  2007; 6 (1): 35-74
- **Integrating objective gene-brain-behavior markers of psychiatric disorders.** *Journal of integrative neuroscience*
  Gordon, E., Liddell, B. J., Brown, K. J., Bryant, R., Clark, C. R., Das, P., Dobson-Stone, C., Falconer, E., Felmingham, K., Flynn, G., Gatt, J. M., Harris, A., Hermens, et al
  2007; 6 (1): 1-34
- **Rates of decline distinguish Alzheimer's disease and mild cognitive impairment relative to normal aging: integrating cognition and brain function.** *Journal of integrative neuroscience*
  Liddell, B. J., Paul, R. H., Arns, M., Gordon, N., Kukla, M., Rowe, D., Cooper, N., Moyle, J., Williams, L. M.
  2007; 6 (1): 141-174
- **Mapping frontal-limbic correlates of orienting to change detection** *NEUROREPORT*
  Williams, L. M., Felmingham, K., Kemp, A. H., Rennie, C., Brown, K. J., Bryant, R. A., Gordon, E.
  2007; 18 (3): 197-202
- **Functional disconnections in the direct and indirect amygdala pathways for fear processing in schizophrenia** *SCHIZOPHRENIA RESEARCH*
  Das, P., Kemp, A. H., Flynn, G., Harris, A. W., Liddell, B. J., Whitford, T. J., Peduto, A., Gordon, E., Williams, L. M.
  2007; 90 (1-3): 284-294
- **Cognitive aging, executive function, and fractional anisotropy: A diffusion tensor MR imaging study** *AMERICAN JOURNAL OF NEURORADIOLOGY*
  Grieve, S. M., Williams, L. M., Paul, R. H., Clark, C. R., Gordon, E.
  2007; 28 (2): 226-235
- **A profile of cognitive and brain function markers for diagnostic use in ADHD**
  Hermens, D. F., Clarke, S. D., Kohn, M. R., Clark, R., Cooper, N. J., Keage, H. A., Gordon, E., Williams, L. M.
  ELSEVIER SCIENCE INC.2007: S11–S11
- **Cognitive aging, executive function, and fractional anisotropy: A diffusion tensor MR imaging study** *AMERICAN JOURNAL OF NEURORADIOLOGY*
  Grieve, S. M., Williams, L. M., Paul, R. H., Clark, C. R., Gordon, E.
  2007; 28 (2): 226-235

- **Cross-cultural assessment of neuropsychological performance and electrical brain function measures: Additional validation of an international brain database** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
  Paul, R. H., Gunstad, J., Cooper, N., Williams, L. M., Clark, C. R., Cohen, R. A., Lawrence, J. J., Gordon, E.
  2007; 117 (4): 549-568

- **The relationship between frontal gray matter volume and cognition varies across the healthy adult lifespan** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*
  Zimmerman, M. E., Brickman, A. M., Pau, R. H., Grieve, S. M., Tate, D. F., Gunstad, J., Cohen, R. A., Aloia, M. S., Williams, L. M., Clark, C. R., Whitord, T. J., Gordon, E.
  2006; 14 (10): 823-833

- **Mode of functional connectivity in amygdala pathways dissociates level of awareness for signals of fear** *JOURNAL OF NEUROSCIENCE*
  Williams, L. M., Das, P., Liddell, B. J., Kemp, A. H., Rennie, C. J., Gordon, E.
  2006; 26 (36): 9264-9271

- **Regional white matter and neuropsychological functioning across the adult lifespan** *33rd Annual Meeting of the International-Neuropsychological-Society*
  Brickman, A. M., Zimmerman, M. E., Paul, R. H., Grieve, S. M., Tate, D. F., Cohen, R. A., Williams, L. M., Clark, C. R., Gordon, E.
  ELSEVIER SCIENCE INC.2006: 444–53

- **Progressive grey matter atrophy over the first 2-3 years of illness in first-episode schizophrenia: A tensor-based morphometry study** *NEUROIMAGE*
  Whitford, T. J., Grieve, S. M., Farrow, T. F., Gomes, L., Brennan, J., Harris, A. W., Gordon, E., Williams, L. M.
  2006; 32 (2): 511-519

- **Standardized assessment of cognitive functioning during development and aging using an automated touchscreen battery** *ARCHIVES OF CLINICAL NEUROPSYCHOLOGY*
  Clark, C. R., Paul, R. H., Williams, L. A., Arns, M., Fallahpour, K., Handmer, C., Gordon, E.
  2006; 21 (5): 449-467

- **Longitudinal changes in regional grey matter volume and corresponding EEG power in first-episode psychosis**
  Whitford, T. J., Farrow, T. F., Rennie, C. J., Grieve, S. M., Gomes, L., Brennan, J., Williams, L. M., Harris, A. W.
  INFORMA HEALTHCARE.2006: A122–A123

- **Automated and controlled processing of fear facial expression display dysfunctions in the amygdala pathways in schizophrenia: a functional connectivity approach**
  Das, P., Flynn, G., Harris, A. W., Kemp, A. H., Liddell, B. J., Whitford, T., Peduto, A., Gordon, E., Williams, L. M.
  INFORMA HEALTHCARE.2006: A118–A119

- **Structural MRI evidence of differences between first episode bipolar disorder and first episode schizophrenia** *2nd Biennial Conference of the International-Society-for-Bipolar-Disorders*
  Farrow, T. F., Whitford, T. J., Williams, L. M., Gomes, L., Harris, A. W.
  WILEY-BLACKWELL.2006: 18–18

- **Volumetric white matter abnormalities in first-episode schizophrenia: a longitudinal MRI study**
  Whitford, T. J., Grieve, S. M., Farrow, T. F., Gomes, L., Brennan, J., Harris, A. W., Gordon, E., Williams, L. M.
  INFORMA HEALTHCARE.2006: A122–A122

- **Event-related potential correlates of depression, insight and negative symptoms in males with recent-onset psychosis** *CLINICAL NEUROPHYSIOLOGY*
  Sumich, A., Harris, A., Flynn, G., Whitford, T., Tunstall, N., Kumari, V., Brammer, M., Gordon, E., Williams, L. M.
  2006; 117 (8): 1715-1727

- **Amygdala-prefrontal dissociation of subliminal and supraliminal fear** *HUMAN BRAIN MAPPING*
  Williams, L. M., Liddell, B. J., Kemp, A. H., Bryant, R. A., Meares, R. A., Peduto, A. S., Gordon, E.
  2006; 27 (8): 652-661

- **Identifying brain and cognition markers of dose effects for methylphenidate and prediction of treatment response in ADHD** *25th Congress of the Collegium-Internationale-Neuro-Psychopharmacologicum (CINP)/29th Annual Meeting of the Canadian-College-of-Neuropsychopharmacology*
  Gordon, E., Hermens, D., Cooper, N. J., Kohn, M., Clark, C. R., Connell, K., Mason, M., Cohen, M., Williams, L. M.
  CAMBRIDGE UNIV PRESS.2006: S241–S241

- **The mellow years?: Neural basis of improving emotional stability over age** *JOURNAL OF NEUROSCIENCE*
  Williams, L. M., Brown, K. J., Palmer, D., Liddell, B. J., Kemp, A. H., Olivieri, G., Peduto, A., Gordon, E.
  2006; 26 (24): 6422-6430
- **Associations between the COMT Val/Met polymorphism, early life stress, and personality among healthy adults.** *Neuropsychiatric disease and treatment*
  Hoth, K. F., Paul, R. H., Williams, L. M., Dobson-Stone, C., Todd, E., Schofield, P. R., Gunstad, J., Cohen, R. A., Gordon, E.
  2006; 2 (2): 219-225
- **Associations between the COMT Val/Met polymorphism, early life stress, and personality among healthy adults.** *Neuropsychiatric disease and treatment*
  Hoth, K. F., Paul, R. H., Williams, L. M., Dobson-Stone, C., Todd, E., Schofield, P. R., Gunstad, J., Cohen, R. A., Gordon, E.
  2006; 2 (2): 219-25
- **Exposure to early life trauma is associated with adult obesity** *PSYCHIATRY RESEARCH*
  Gunstad, J., Paul, R. H., Spitznagel, M. B., Cohen, R. A., Williams, L. M., Kohn, M., Gordon, E.
  2006; 142 (1): 31-37
- **Early life stress and morphometry of the adult anterior cingulate cortex and caudate nuclei** *BIOLOGICAL PSYCHIATRY*
  Cohen, R. A., Grieve, S., Hoth, K. F., Paul, R. H., Sweet, L., Tate, D., Gunstad, J., Stroud, L., McCaffery, J., Hitsman, B., Niaura, R., Clark, C. R., MacFarlane, et al
  2006; 59 (10): 975-982
- **The 'when' and 'where' of perceiving signals of threat versus non-threat** *NEUROIMAGE*
  Williams, L. M., Palmer, D., Liddell, B. J., Song, L., Gordon, E.
  2006; 31 (1): 458-467
- **The multiscale character of evoked cortical activity** *NEUROIMAGE*
  Breakspear, M., Bullmore, E. T., Aquino, K., Das, P., Williams, L. M.
  2006; 30 (4): 1230-1242
- **Integrative neuroscience approach to predict ADHD stimulant response.** *Expert review of neurotherapeutics*
  Hermens, D. F., Rowe, D. L., Gordon, E., Williams, L. M.
  2006; 6 (5): 753-763
- **Integrative neuroscience approach to predict ADHD stimulant response** *EXPERT REVIEW OF NEUROTHERAPEUTICS*
  Hermens, D. F., Rowe, D. L., Gordon, E., Williams, L. M.
  2006; 6 (5): 753-763
- **Cognitive status of young and older cigarette smokers: Data from the international brain database** *JOURNAL OF CLINICAL NEUROSCIENCE*
  Paul, R. H., Brickman, A. M., Cohen, R. A., Williams, L. M., Niaura, R., Pogun, S., Clark, C. R., Gunstad, J., Gordon, E.
  2006; 13 (4): 457-465
- **"Missing links" in borderline personality disorder: loss of neural synchrony relates to lack of emotion regulation and impulse control** *JOURNAL OF PSYCHIATRY & NEUROSCIENCE*
  Williams, L. M., Sidis, A., Gordon, E., Meares, R. A.
  2006; 31 (3): 181-188
- **An integrative neuroscience model of "significance" processing.** *Journal of integrative neuroscience*
  Williams, L. M.
  2006; 5 (1): 1-47
- **Distractibility in AD/HD predominantly inattentive and combined subtypes: the P3a ERP component, heart rate and performance.** *Journal of integrative neuroscience*
  Keage, H. A., Clark, C. R., Hermens, D. F., Kohn, M. R., Clarke, S., Williams, L. M., Crewther, D., Lamb, C., Gordon, E.
  2006; 5 (1): 139-58
- **EEG markers for cognitive decline in elderly subjects with subjective memory complaints.** *Journal of integrative neuroscience*
  Alexander, D. M., Arns, M. W., Paul, R. H., Rowe, D. L., Cooper, N., Esser, A. H., Fallahpour, K., Stephan, B. C., Heesen, E., Breteler, R., Williams, L. M., Gordon, E.

2006; 5 (1): 49-74

- **Distractibility in AD/HD predominantly inattentive and combined subtypes: the P3a ERP component, heart rate and performance.** *Journal of integrative neuroscience*
  Keage, H. A., Clark, C. R., Hermens, D. F., Kohn, M. R., Clarke, S., Williams, L. M., Crewther, D., Lamb, C., Gordon, E.
  2006; 5 (1): 139-158
- **Predicting severity of non-clinical depression: preliminary findings using an integrated approach.** *Journal of integrative neuroscience*
  Kemp, A. H., Hopkinson, P. J., Stephan, B. C., Clark, C. R., Gordon, E., Bryant, R. A., Williams, L. M.
  2006; 5 (1): 89-110
- **Dynamic spectral analysis findings in first episode and chronic schizophrenia** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
  Harris, A., Melkonian, D., Williams, L., Gordon, E.
  2006; 116 (3): 223-246
- **Trauma modulates amygdala and medial prefrontal responses to consciously attended fear** *NEUROIMAGE*
  Williams, L. M., Kemp, A. H., Felmingham, K., Barton, M., Olivieri, G., Peduto, A., Gordon, E., Bryant, R. A.
  2006; 29 (2): 347-357
- **ADHD and schizophrenia phenomenology: Visual scanpaths to emotional faces as a potential psychophysiological marker?** *NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS*
  Marsh, P. J., Williams, L. M.
  2006; 30 (5): 651-665
- **Longitudinal increases in gamma-phase synchrony contrasts with progressive gray matter atrophy in first-episode schizophrenia.** *Acta neuropsychiatrica*
  Whitford, T. n., Alexander, D. n., Brennan, J. n., Gomes, L. n., Gordon, E. n., Harris, A. n., Williams, L. n.
  2006; 18 (6): 311
- **04-03 The neural networks of inhibitory control in post-traumatic stress disorder.** *Acta neuropsychiatrica*
  Falconer, E. M., Bryant, R. n., Felmingham, K. n., Kemp, A. H., Olivieri, G. n., Peduto, A. n., Gordon, E. n., Williams, L. M.
  2006; 18 (6): 323
- **04-04 Treatment response and post-traumatic stress disorder: neuroimaging findings.** *Acta neuropsychiatrica*
  Bryant, R. A., Felmingham, K. L., Falconer, E. M., Kemp, A. H., Das, P. n., Peduto, A. n., Williams, L. M.
  2006; 18 (6): 323
- **04-05 Neural activity in dissociative and nondissociative PTSD: an fMRI analysis of conscious and nonconscious fear processing.** *Acta neuropsychiatrica*
  Felmingham, K. L., Williams, L. M., Falconer, E. n., Kemp, A. H., Das, P. n., Peduto, A. n., Bryant, R. A.
  2006; 18 (6): 323–24
- **Identifying Gene-brain Markers of Cognition and Emotion: Implications for Psychiatric Disorders.** *Acta neuropsychiatrica*
  Williams, L. n.
  2006; 18 (6): 335
- **10-01 Understanding genotype-phenotype relationships using the Brain Resource International Database: Implications for psychiatric conditions.** *Acta neuropsychiatrica*
  Dobson-Stone, C. n., Gatt, J. M., Kuan, S. n., Paul, R. H., Gordon, E. n., Williams, L. M., Schofield, P. R.
  2006; 18 (6): 335–36
- **10-02 The neurodevelopmental effects of apolipoprotein E alleles on brain function.** *Acta neuropsychiatrica*
  Alexander, D. M., Gatt, J. M., Kuan, S. n., Dobson-Stone, C. n., Todd, E. G., Schofield, P. R., Gordon, E. n., Williams, L. M.
  2006; 18 (6): 336
- **10-03 Identifying pathways to depressed mood and cognitive dysfunction: the BDNF Val66Met polymorphism and early life stress.** *Acta neuropsychiatrica*
  Gatt, J. M., Kuan, S. n., Dobson-Stone, C. n., Paul, R. H., Schofield, P. R., Gordon, E. n., Williams, L. M.
  2006; 18 (6): 336–37
- **10-04 Identifying markers of negative mood: the gender-specific influence of COMT and MAO-A polymorphisms on emotion processing.** *Acta neuropsychiatrica*

Kuan, S. A., Gatt, J. M., Dobson-Stone, C. n., Paul, R. H., Schofield, P. R., Gordon, E. n., Williams, L. M.
2006; 18 (6): 337

- **10-05 Genotypes and neural binding in negative affect: the contribution of genetic polymorphisms to 40 Hz gamma phase synchrony.** *Acta neuropsychiatrica*
  Gatt, J. M., Kuan, S. n., Dobson-Stone, C. n., Paul, R. H., Schofield, P. R., Gordon, E. n., Williams, L. M.
  2006; 18 (6): 337–38
- **'Integrative Neuroscience' and Psychiatry: Identifying Cognitive, Affective and Brainwave Markers of Psychiatric Disorder.** *Acta neuropsychiatrica*
  Williams, L. n.
  2006; 18 (6): 338
- **11-01 Identifying cognitive, affective and neural synchrony markers which predict real-world functional outcome in first-episode schizophrenia: an integrative neuroscience approach.** *Acta neuropsychiatrica*
  Williams, L. n., Whitford, T. J., Liddell, B. J., Alexander, D. n., Flynn, G. n., Wong, W. n., Das, P. n., Harris, A. n., Gordon, E. n.
  2006; 18 (6): 338
- **11-03 Identifying cognitive and affective markers within an integrative neuroscience model of ADHD.** *Acta neuropsychiatrica*
  Hermens, D. F., Kohn, M. R., Clarke, S. D., Clark, C. R., Gordon, E. n., Williams, L. M.
  2006; 18 (6): 339
- **11-04 Identifying cognitive and affective markers within an integrative neuroscience model of Alzheimer's dementia.** *Acta neuropsychiatrica*
  Liddell, B. n., Moyle, J. n., Williams, L. n., Gordon, E. n.
  2006; 18 (6): 339–40
- **Intelligence and the tuning-in of brain networks** *LEARNING AND INDIVIDUAL DIFFERENCES*
  Stankov, L., Danthiir, V., Williams, L. M., Pallier, G., Roberts, R. D., Gordon, E.
  2006; 16 (3): 217-233
- **BDNF Va166Met polymorphism is associated with body mass index in healthy adults** *NEUROPSYCHOBIOLOGY*
  Gunstad, J., Schofield, P., Paul, R. H., Spitznagel, M. B., Cohen, R. A., Williams, L. M., Kohn, M., Gordon, E.
  2006; 53 (3): 153-156
- **11-03 Identifying cognitive and affective markers within an integrative neuroscience model of ADHD.** *Acta neuropsychiatrica*
  Hermens, D. F., Kohn, M. R., Clarke, S. D., Clark, C. R., Gordon, E. n., Williams, L. M.
  2006; 18 (6): 339
- **11-04 Identifying cognitive and affective markers within an integrative neuroscience model of Alzheimer's dementia.** *Acta neuropsychiatrica*
  Liddell, B. n., Moyle, J. n., Williams, L. n., Gordon, E. n.
  2006; 18 (6): 339–40
- **Intelligence and the tuning-in of brain networks** *LEARNING AND INDIVIDUAL DIFFERENCES*
  Stankov, L., Danthiir, V., Williams, L. M., Pallier, G., Roberts, R. D., Gordon, E.
  2006; 16 (3): 217-233
- **BDNF Va166Met polymorphism is associated with body mass index in healthy adults** *NEUROPSYCHOBIOLOGY*
  Gunstad, J., Schofield, P., Paul, R. H., Spitznagel, M. B., Cohen, R. A., Williams, L. M., Kohn, M., Gordon, E.
  2006; 53 (3): 153-156
- **The test-retest reliability of a standardized neurocognitive and neurophysiological test battery: "Neuromarker"** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
  Williams, L. M., Simms, E., Clark, C. R., Paul, R. H., Rowe, D., Gordon, E.
  2005; 115 (12): 1605-1630
- **Distinct amygdala-autonomic arousal profiles in response to fear signals in healthy males and females** *NEUROIMAGE*
  Williams, L. M., Barton, M. J., Kemp, A. H., Liddell, B. J., Peduto, A., Gordon, E., Bryant, R. A.
  2005; 28 (3): 618-626
- **Diagnosis-related regional gray matter loss over two years in first episode schizophrenia and bipolar disorder** *BIOLOGICAL PSYCHIATRY*
  Farrow, T. F., Whitford, T. J., Williams, L. M., Gomes, L., Harris, A. W.

2005; 58 (9): 713-723

- **Preliminary validity of "IntegNeuro (TM)": A new computerized battery of neurocognitive tests** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
  Paul, R. H., Lawrence, J., Williams, L. M., Richard, C. C., Cooper, N., Gordon, E.
  2005; 115 (11): 1549-1567
- **Responses to methylphenidate in adolescent AD/HD: Evidence from concurrently recorded autonomic (EDA) and central (EEG and ERP) measures** *INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY*
  Hermens, D. F., Williams, L. M., Clarke, S., Kohn, M., Cooper, N., Gordon, E.
  2005; 58 (1): 21-33
- **Neurophysiological markers of contextual processing: The relationship between P3b and Gamma synchrony and their modulation by arousal, performance and individual differences** *COGNITIVE BRAIN RESEARCH*
  Kang, K., Williams, L. M., Hermens, D., Gordon, E.
  2005; 25 (2): 472-483
- **Selective errors in declarative memory and hippocampal function associated with brain derived neurotrophic factor polymorphism** *13th World Congress on Psychiatric Genetics*
  Schofield, P. R., Williams, L. M., Luty, A., Cooper, N., BROWN, K., Grieve, S., Gordon, E.
  WILEY-BLACKWELL.2005: 91–91
- **Biophysical modeling of tonic cortical electrical activity in attention deficit hyperactivity disorder** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
  Rowe, D. L., Robinson, P. A., Lazzaro, L., Powles, R. C., Gordon, E., Williams, L. M.
  2005; 115 (9): 1273-1305
- **Grey matter deficits and symptom profile in first episode schizophrenia** *PSYCHIATRY RESEARCH-NEUROIMAGING*
  Whitford, T. J., Farrow, T. F., Gomes, L., Brennan, J., Harris, A. W., Williams, L. M.
  2005; 139 (3): 229-238
- **Preservation of limbic and paralimbic structures in aging** *HUMAN BRAIN MAPPING*
  Grieve, S. M., Clark, C. R., Williams, L. M., Peduto, A. J., Gordon, E.
  2005; 25 (4): 391-401
- **Neural networks of information processing in posttraumatic stress disorder: A functional magnetic resonance imaging study** *BIOLOGICAL PSYCHIATRY*
  Bryant, R. A., Felmingham, K. L., Kemp, A. H., Barton, M., Peduto, A. S., Rennie, C., Gordon, E., Williams, L. M.
  2005; 58 (2): 111-118
- **Category and letter verbal fluency across the adult lifespan: relationship to EEG theta power** *ARCHIVES OF CLINICAL NEUROPSYCHOLOGY*
  Brickman, A. M., Paul, R. H., Cohen, R. A., Williams, L. M., MacGregor, K. L., Jefferson, A. L., Tate, D. F., Gunstad, J., Gordon, E.
  2005; 20 (5): 561-573
- **Sex differences in adolescent ADHD: findings from concurrent EEG and EDA** *CLINICAL NEUROPHYSIOLOGY*
  Hermens, D. F., Kohn, M. R., Clarke, S. D., Gordon, E., Williams, L. M.
  2005; 116 (6): 1455-1463
- **Pathways for fear perception: Modulation of amygdala activity by thalamo-cortical systems** *NEUROIMAGE*
  Das, P., Kemp, A. H., Liddell, B. J., Brown, K. J., Olivieri, G., Peduto, A., Gordon, E., Williams, L. M.
  2005; 26 (1): 141-148
- **Resting EEG theta activity predicts cognitive performance in attention-deficit hyperactivity disorder** *PEDIATRIC NEUROLOGY*
  Hermens, D. F., Soei, E. X., Clarke, S. D., Kohn, M. R., Gordon, E., Williams, L. M.
  2005; 32 (4): 248-256
- **Integrative neuroscience: The role of a standardized database** *CLINICAL EEG AND NEUROSCIENCE*
  Gordon, E., Cooper, N., Rennie, C., Hermens, D., Williams, L. M.
  2005; 36 (2): 64-75

- **The dose-dependent effect of methylphenidate on performance, cognition and psychophysiology.** *Journal of integrative neuroscience*
  Cooper, N. J., Keage, H., Hermens, D., Williams, L. M., Debrota, D., Clark, C. R., Gordon, E.
  2005; 4 (1): 123-144
- **The impact of early life stress on psychophysiological, personality and behavioral measures in 740 non-clinical subjects.** *Journal of integrative neuroscience*
  McFarlane, A., Clark, C. R., Bryant, R. A., Williams, L. M., Niaura, R., Paul, R. H., Hitsman, B. L., Stroud, L., Alexander, D. M., Gordon, E.
  2005; 4 (1): 27-40
- **Age-dependent change in executive function and gamma 40 Hz phase synchrony.** *Journal of integrative neuroscience*
  Paul, R. H., Clark, C. R., Lawrence, J., Goldberg, E., Williams, L. M., Cooper, N., Cohen, R. A., Brickman, A. M., Gordon, E.
  2005; 4 (1): 63-76
- **Predicting stimulant medication response in ADHD: evidence from an integrated profile of neuropsychological, psychophysiological and clinical factors.** *Journal of integrative neuroscience*
  Hermens, D. F., Cooper, N. J., Kohn, M., Clarke, S., Gordon, E.
  2005; 4 (1): 107–21
- **Age-dependent change in executive function and gamma 40 Hz phase synchrony.** *Journal of integrative neuroscience*
  Paul, R. H., Clark, C. R., Lawrence, J., Goldberg, E., Williams, L. M., Cooper, N., Cohen, R. A., Brickman, A. M., Gordon, E.
  2005; 4 (1): 63-76
- **Toward an integrated profile of emotional intelligence: introducing a brief measure.** *Journal of integrative neuroscience*
  Kemp, A. H., Cooper, N. J., Hermens, G., Gordon, E., Bryant, R., Williams, L. M.
  2005; 4 (1): 41-61
- **The impact of early life stress on psychophysiological, personality and behavioral measures in 740 non-clinical subjects.** *Journal of integrative neuroscience*
  McFarlane, A., Clark, C. R., Bryant, R. A., Williams, L. M., Niaura, R., Paul, R. H., Hitsman, B. L., Stroud, L., Alexander, D. M., Gordon, E.
  2005; 4 (1): 27-40
- **Neural synchrony and gray matter variation in human males and females: integration of 40 Hz gamma synchrony and MRI measures.** *Journal of integrative neuroscience*
  Williams, L. M., Grieve, S. M., Whitford, T. J., Clark, C. R., Gur, R. C., Goldberg, E., Flor-Henry, P., Peduto, A. S., Gordon, E.
  2005; 4 (1): 77-93
- **Toward an integrated profile of depression: evidence from the brain resource international database.** *Journal of integrative neuroscience*
  Kemp, A. H., Stephan, B. C., Hopkinson, P., Sumich, A. L., Paul, R. H., Clark, C. R., Gordon, E., Bryant, R. A., Williams, L. M.
  2005; 4 (1): 95-106
- **"Gamma synchrony" in first-episode schizophrenia: A disorder of temporal connectivity?** *AMERICAN JOURNAL OF PSYCHIATRY*
  Symond, M. B., Harris, A. W., Gordon, E., Williams, L. M.
  2005; 162 (3): 459-465
- **Distinct pattern of P3a event-related potential in borderline personality disorder** *NEUROREPORT*
  Meares, R., Melkonian, D., Gordon, E., Williams, L.
  2005; 16 (3): 289-293
- **BOLD, sweat and fears: fMRI and skin conductance distinguish facial fear signals** *NEUROREPORT*
  Williams, L. M., Das, P., Liddell, B., Olivieri, G., Peduto, A., Brammer, M. J., Gordon, E.
  2005; 16 (1): 49-52
- **Examining the time course of subliminal emotion perception**
  Liddell, B., Palmer, D., Gordon, E., Williams, L. M.
  WILEY-BLACKWELL.2005: 29–29
- **A direct brainstem-amygdala-cortical 'alarm' system for subliminal signals of fear** *NEUROIMAGE*
  Liddell, B. J., Brown, K. J., Kemp, A. H., Barton, M. J., Das, P., Peduto, A., Gordon, E., Williams, L. M.
  2005; 24 (1): 235-243

- **The problem of comorbidity: Using event-related potentials to delineate temporal markers for PTSD above comorbid depression**
  Terpening, Z., Felmingham, K., Bryant, R., Gordon, E., Williams, L. M.
  WILEY-BLACKWELL.2005: 38–38

- **Age-related changes in the processing of facial stimuli: An ERP study**
  Palmer, D. M., Williams, L. M., Liddell, B. J., Gordon, E.
  WILEY-BLACKWELL.2005: 33–34

- **Gamma phase synchrony in children with attention deficit/hyperactivity disorder**
  Keage, H. A., Clark, C. R., Hermens, D. F., Clarke, S., Kohn, M., Williams, L. M., Crewther, D. P., Gordon, E.
  WILEY-BLACKWELL.2005: 27–27

- **Finishing the euchromatic sequence of the human genome** *NATURE*
  Collins, F. S., Lander, E. S., Rogers, J., Waterston, R. H., Abdellah, Z., Ahmadi, A., Ahmed, S., Aimable, M., Ainscough, R., Almeida, J., Almond, C., Ambler, A., Ambrose, et al
  2004; 431 (7011): 931-945

- **The dynamics of cortico-amygdala and autonomic activity over the experimental time course of fear perception** *COGNITIVE BRAIN RESEARCH*
  Williams, L. M., Brown, K. J., Das, P., Boucsein, W., Sokolov, E. N., Brammer, M. J., Olivieri, G., Peduto, A., Gordon, E.
  2004; 21 (1): 114-123

- **Sex differences in functional connectivity in first-episode and chronic schizophrenia patients** *AMERICAN JOURNAL OF PSYCHIATRY*
  Slewa-Younan, S., Gordon, E., Harris, A. W., Haig, A. R., Brown, K. J., Flor-Henry, P., Williams, L. M.
  2004; 161 (9): 1595-1602

- **Spatiotemporal wavelet resampling for functional neuroimaging data** *HUMAN BRAIN MAPPING*
  Breakspear, M., Brammer, M. J., Bullmore, E. T., Das, P., Williams, L. M.
  2004; 23 (1): 1-25

- **Sex differences in adult ADHD: a double dissociation in brain activity and autonomic arousal** *BIOLOGICAL PSYCHOLOGY*
  Hermens, D. F., Williams, L. M., Lazzaro, I., Whitmont, S., Melkonian, D., Gordon, E.
  2004; 66 (3): 221-233

- **Face to face: visual scanpath evidence for abnormal processing of facial expressions in social phobia** *PSYCHIATRY RESEARCH*
  Horley, K., Williams, L. M., Gonsalvez, C., Gordon, E.
  2004; 127 (1-2): 43-53

- **Differential neural responses to overt and covert presentations of facial expressions of fear and disgust** *NEUROIMAGE*
  Phillips, M. L., Williams, L. M., Heining, M., Herba, C. M., Russell, T., Andrew, C., Brammer, M. J., Williams, S. C., Morgan, M., Young, A. W., Gray, J. A.
  2004; 21 (4): 1484-1496

- **A temporal dissociation of subliminal versus supraliminal fear perception: An event-related potential study** *JOURNAL OF COGNITIVE NEUROSCIENCE*
  Liddell, B. J., Williams, L. M., Rathjen, J., Shevrin, H., Gordon, E.
  2004; 16 (3): 479-486

- **Dysregulation of arousal and amygdala-prefrontal systems in paranoid schizophrenia** *AMERICAN JOURNAL OF PSYCHIATRY*
  Williams, L. M., Das, P., Harris, A. W., Liddell, B. B., Brammer, M. J., Olivieri, G., Skerrett, D., Phillips, M. L., David, A. S., Peduto, A., Gordon, E.
  2004; 161 (3): 480-489

- **Visual scanpath dysfunction in first-degree relatives of schizophrenia probands: evidence for a vulnerability marker?** *SCHIZOPHRENIA RESEARCH*
  Loughland, C. M., Williams, L. M., Harris, A. W.
  2004; 67 (1): 11-21

- **An investigation of individual typologies of attention-deficit hyperactivity disorder using cluster analysis of DSM-IV criteria** *PERSONALITY AND INDIVIDUAL DIFFERENCES*
  Marsh, P. J., Williams, L. M.

2004; 36 (5): 1187-1195

- **Mapping the time course of nonconscious and conscious perception of fear: An integration of central and peripheral measures** *HUMAN BRAIN MAPPING*
  Williams, L. M., Liddell, B. J., Rathjen, J., Brown, K. J., Gray, J., Phillips, M., Young, A., Gordon, E.
  2004; 21 (2): 64-74
- **A novel method for the topographic analysis of neural activity reveals formation and dissolution of 'dynamic cell assemblies'** *JOURNAL OF COMPUTATIONAL NEUROSCIENCE*
  Breakspear, M., Williams, L. M., Stam, C. J.
  2004; 16 (1): 49-68
- **Implicit perception of fear signals: An fMRI investigation of PTSD**
  Kemp, A., Williams, L., Bryant, R., Barton, M., Felmingham, K., Gordon, E., Peduto, A.
  AUSTRALIAN PSYCHOLOGICAL SOC.2004: 45–46
- **Augmentation of serotonin enhances pleasant and suppresses unpleasant cortical electrophysiological responses to visual emotional stimuli in humans**
  Kemp, A. H., Gray, M. A., Silberstein, R. B., Armstrong, S. M., Nathan, P. J.
  AUSTRALIAN PSYCHOLOGICAL SOC.2004: 45
- **Autonomic and cortical reactivity in acute stress disorder and posttraumatic stress disorder**
  Felmingham, K. L., Bryant, R. A., Rennie, C., Gordon, E.
  WILEY.2004: 42
- **Perception of facial signals of emotion: An ERP study**
  Palmer, D., Liddell, B., Gordon, E., Williams, L. M.
  WILEY-BLACKWELL.2004: 50–50
- **Processing salient nonthreatening stimuli in posttraumatic stress disorder: An fMRI investigation**
  Felmingham, K. L., Bryant, R. A., Williams, L. M., Kemp, A., BROWN, K., Peduto, A.
  WILEY-BLACKWELL.2004: 42–42
- **Do sex differences in emotionality mediate sex differences in traits of psychosis-proneness?** *COGNITION & EMOTION*
  Williams, L. M., Barry, J.
  2003; 17 (5): 747-758
- **In the face of danger: Specific viewing strategies for facial expressions of threat?** *COGNITION & EMOTION*
  Green, M. J., Williams, L. M., Davidson, D.
  2003; 17 (5): 779-786
- **A disturbance of nonlinear interdependence in scalp EEG of subjects with first episode schizophrenia** *NEUROIMAGE*
  Breakspear, M., Terry, J. R., Friston, K. J., Harris, A. W., Williams, L. M., BROWN, K., Brennan, J., Gordon, E.
  2003; 20 (1): 466-478
- **The five symptom dimensions and depression in schizophrenia** *PSYCHOPATHOLOGY*
  Lee, K. H., Harris, A. W., Loughland, C. M., Williams, L. M.
  2003; 36 (5): 226-233
- **Emotion perception in schizophrenia: an eye movement study comparing the effectiveness of risperidone vs. haloperidol** *PSYCHIATRY RESEARCH*
  Williams, L. M., Loughland, C. M., Green, M. J., Harris, A. W., Gordon, E.
  2003; 120 (1): 13-27
- **Visual scanpaths to threat-related faces in deluded schizophrenia** *PSYCHIATRY RESEARCH*
  Green, M. J., Williams, L. M., Davidson, D.
  2003; 119 (3): 271-285
- **Visual processing of threat-related faces in deluded schizophrenia** *9th International Congress on Schizophrenia Research*
  Green, M. J., Williams, L. M.
  ELSEVIER SCIENCE BV.2003: 266–66

- **High-frequency synchronisation in schizophrenia: Too much or too little?** *BEHAVIORAL AND BRAIN SCIENCES*
  Williams, L. M., Lee, K. H., Haig, A., Gordon, E.
  2003; 26 (1): 109-?
- **"Gamma (40 Hz) phase synchronicity" and symptom dimensions in schizophrenia.** *Cognitive neuropsychiatry*
  Lee, K., Williams, L. M., Haig, A., Gordon, E.
  2003; 8 (1): 57-71
- **Task instructions modulate neural responses to fearful facial expressions** *BIOLOGICAL PSYCHIATRY*
  Lange, K., Williams, L. M., Young, A. W., Bullmore, E. T., Brammer, M. J., Williams, S. C., Gray, J. A., Phillips, M. L.
  2003; 53 (3): 226-232
- **Electrodermal responsivity distinguishes ERP activity and symptom profile in schizophrenia** *SCHIZOPHRENIA RESEARCH*
  Williams, L. M., Bahramali, H., Hemsley, D. R., Harris, A. W., BROWN, K., Gordon, E.
  2003; 59 (2-3): 115-125
- **Sex differences in adult ADHD: An event-related psychophysiology study**
  Hermens, D., Williams, L. M., Lazzaro, I., Whitmont, S., Gordon, E.
  WILEY-BLACKWELL.2003: 20–20
- **Visual scanpaths and facial affect recognition in delusion-prone individuals: Increased sensitivity to threat?** *Cognitive neuropsychiatry*
  Green, M. J., Williams, L. M., Davidson, D. n.
  2003; 8 (1): 19–41
- **Regionally specific grey-matter volume reductions in first-episode schizophrenia and affective-disorder**
  Farrow, T. F., Whitford, T. J., Williams, L. M., Gomes, L., Winter, V., Harris, A. W.
  WILEY-BLACKWELL.2003: 17–17
- **Social phobics do not see eye to eye: A visual scanpath study of emotional expression processing** *JOURNAL OF ANXIETY DISORDERS*
  Horley, K., Williams, L. M., Gonsalvez, C., Gordon, E.
  2003; 17 (1): 33-44
- **Gender differences in fear perception: Evidence from concurrent fMRI and skin conductance acquisition**
  Barton, M. J., Brown, K. J., Hughes, G. L., Liddell, B. J., Olivieri, G., Peduto, A., Gordon, E., Williams, L. M.
  WILEY-BLACKWELL.2003: 11–12
- **The N2 distinguishes sub- versus supra-threshold perception of fear and happy faces: An event-related potential study**
  Liddell, B. J., Williams, L. M., Gordon, E.
  WILEY-BLACKWELL.2003: 22–22
- **Specificity of target, nontarget ERP disturbance in schizophrenia: A comparison of first episode schizophrenia and attention deficit hyperactivity disorder**
  Brown, K. J., Gonsalvez, C. J., Harris, A. W., Lazzaro, I., Williams, L. M., Gordon, E.
  WILEY-BLACKWELL.2003: 13–13
- **Sex differences in gamma '40 Hz' synchrony: A comparison of first episode and chronic schizophrenia**
  Slewa-Younan, S., Williams, L. M., Harris, A. W., Haig, A. R., Gordon, E.
  WILEY-BLACKWELL.2003: 27–27
- **Synchronous Gamma activity: a review and contribution to an integrative neuroscience model of schizophrenia** *BRAIN RESEARCH REVIEWS*
  Lee, K. H., Williams, L. M., Breakspear, M., Gordon, E.
  2003; 41 (1): 57-78
- **Brain volume as a marker for age of psychosis onset in schizophrenia**
  Whitford, T. J., Williams, L. M., Farrow, T. F., Gomes, L., Harris, A. W.
  WILEY-BLACKWELL.2003: 30–30
- **A novel method of quantifying the topography of phase-desynchronisation in scalp EEG data**
  Breakspear, M., Stam, C. J., Williams, L. M.

WILEY-BLACKWELL.2003: 12–12

- **Target and non-target ERP disturbances in first episode vs. chronic schizophrenia** *CLINICAL NEUROPHYSIOLOGY*
  Brown, K. J., Gonsalvez, C. J., Harris, A. W., Williams, L. M., Gordon, E.
  2002; 113 (11): 1754-1763
- **Schizophrenia and affective disorder show different visual scanning behavior for faces: A trait versus state-based distinction?** *BIOLOGICAL PSYCHIATRY*
  Loughland, C. M., Williams, L. M., Gordon, E.
  2002; 52 (4): 338-348
- **EEG, ERP, gamma synchrony and SCL: Towards an integrative approach to ADHD and schizophrenia**
  Hermens, D., Williams, L. M., Lazzaro, I., Clarke, S., Harris, A., Gordon, E.
  ELSEVIER SCIENCE BV.2002: 80–80
- **Different spatio-temporal dynamics for amygdala and hippocampus according to SCR in fMRI response to fear**
  Brown, K. J., Williams, L. M., Das, P., Liddell, B. J., Oliveri, G., Peduto, A.
  ELSEVIER SCIENCE BV.2002: 85
- **Towards an integrative neuroscience of orienting and emotion**
  Williams, L. M.
  ELSEVIER SCIENCE BV.2002: 14–15
- **Visual scanpaths to positive and negative facial emotions in an outpatient schizophrenia sample** *SCHIZOPHRENIA RESEARCH*
  Loughland, C. M., Williams, L. M., Gordon, E.
  2002; 55 (1-2): 159-170
- **Synchronous gamma (40Hz) activity, cognitive ability, and speed of processing**
  Danthiir, Stankov, L., Williams, L., Roberts, R. D., Gordon, E., Pallier, G.
  AUSTRALIAN PSYCHOLOGICAL SOC.2002: 51
- **In the face of danger: Visual scanpaths to threat-related facial expressions**
  Green, M. J., Williams, L.
  M I T PRESS.2002: 72
- **Arousal dissociates amygdala and hippocampal fear responses: Evidence from simultaneous fMRI and skin conductance recording** *NEUROIMAGE*
  Williams, L. M., Phillips, M. L., Brammer, M. J., Skerrett, D., Lagopoulos, J., Rennie, C., Bahramali, H., Olivieri, G., David, A. S., Peduto, A., Gordon, E.
  2001; 14 (5): 1070-1079
- **An integration of 40 Hz Gamma and phasic arousal: novelty and routinization processing in schizophrenia** *CLINICAL NEUROPHYSIOLOGY*
  Lee, K. H., Williams, L. M., Haig, A., Goldberg, E., Gordon, E.
  2001; 112 (8): 1499-1507
- **In the face of danger: Visual scan paths to threat-related facial expressions and relations with delusion-proneness**
  Green, M., Williams, L.
  AUSTRALIAN PSYCHOLOGICAL SOC.2001: 121
- **Simultaneously recorded arousal and fMRI: Dissociating amygdala and hippocampus responses to threat**
  Williams, L., Phillips, M., Brammer, M., Skerrett, D., Lagopoulos, J., Peduto, A., Gordon, E.
  ACADEMIC PRESS INC.2001: S487
- **Time courses of left and right amygdalar responses to fearful facial expressions**
  Phillips, M., Medford, N., Young, A., Williams, L., Williams, S. C., Bullmore, E. T., Gray, E., Brammer, M.
  ACADEMIC PRESS INC.2001: S458
- **Visual scan paths to faces in schizophrenia: State- or trait-linked aberrations?**
  Green, M. J., Williams, L. M., Davidson, D. J.
  ELSEVIER SCIENCE BV.2001: 215

- **Investigation of the variability and magnitude of right and left amygdalar responses to fear in schizophrenia: An fMRI study**
  Phillips, M. L., Parker, A., Williams, L., Medford, N., Williams, S., David, A. S., Brammer, M. J.
  ELSEVIER SCIENCE INC.2001: 151S
- **Emotion perception in schizophrenia: Integrating fMRI, ERP and arousal measures**
  Williams, L. M., Harris, A. W., Horley, K. R., Phillips, M. L., Peduto, A., Gordon, E.
  ELSEVIER SCIENCE BV.2001: 190
- **Gamma (40 Hz) phase synchronicity and symptom dimensions in schizophrenia**
  Lee, K., Williams, L. M., Haig, A., Gordon, E.
  ELSEVIER SCIENCE BV.2001: 205
- **Time courses of left and right amygdalar responses to fearful facial expressions** *HUMAN BRAIN MAPPING*
  Phillips, M. L., Medford, N., Young, A. W., Williams, L., Williams, S. C., Bullmore, E. T., Gray, J. A., Brammer, M. J.
  2001; 12 (4): 193-202
- **Syndromes of schizophrenia and smooth-pursuit eye movement dysfunction** *PSYCHIATRY RESEARCH*
  Lee, K. H., Williams, L. M., Loughland, C. M., Davidson, D. J., Gordon, E.
  2001; 101 (1): 11-21
- **Sex differences, gamma activity and schizophrenia** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
  Slewa-Younan, S., Gordon, E., Williams, L., Haig, A. R., Goldberg, E.
  2001; 107 (1-2): 131-144
- **In search of the "Duchenne smile": Evidence from eye movements** *JOURNAL OF PSYCHOPHYSIOLOGY*
  Williams, L. M., Senior, C., David, A. S., Loughland, C. M., Gordon, E.
  2001; 15 (2): 122-127
- **Event-related potentials to threat-related faces in schizophrenia** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
  Horley, K., Gonsalvez, C., Williams, L., Lazzaro, I., Bahramali, H., Gordon, E.
  2001; 107 (1-2): 113-130
- **The topography of quantified electroencephalography in three syndromes of schizophrenia** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
  Harris, A. W., Bahramali, H., Slewa-Younan, S., Gordon, E., Williams, L., LI, W. M.
  2001; 107 (3-4): 265-278
- **Event-related potentials to threat-related faces in schizophrenia** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
  Horley, K., Gonsalvez, C., Williams, L., Lazzaro, I., Bahramali, H., Gordon, E.
  2001; 107 (1-2): 113-130
- **The topography of quantified electroencephalography in three syndromes of schizophrenia** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
  Harris, A. W., Bahramali, H., Slewa-Younan, S., Gordon, E., Williams, L., LI, W. M.
  2001; 107 (3-4): 265-278
- **Misattribution of sensory input reflected in dysfunctional target: non-target ERPs in schizophrenia** *PSYCHOLOGICAL MEDICINE*
  BROWN, K., Gordon, E., Williams, L., Bahramali, H., Harris, A., Gray, J., Gonsalvez, C., Meares, R.
  2000; 30 (6): 1443-1449
- **The neural correlates of orienting: An integration of fMRI and skin conductance orienting** *NEUROREPORT*
  Williams, L. M., Brammer, M. J., Skerrett, D., Lagopolous, J., Rennie, C., Kozek, K., Olivieri, G., Peduto, T., Gordon, E.
  2000; 11 (13): 3011-3015
- **Neural activity associated with electrodermal orienting: An integrated fMRI and GSR study**
  Williams, L. M., Brammer, M. J., Skerrett, D., Lagopolous, J., Rennie, C., Peduto, A., Gordon, E.
  CAMBRIDGE UNIV PRESS.2000: S105
- **Influence of electrodermal orienting on simultaneously recorded neural activity: An FMRI study of emotion perception**
  Williams, L. M., Rennie, C., Lagopolous, J., Brammer, M. J., Bahramali, H., Phillips, M., Olivieri, G., Peduto, A., Gordon, E.

CAMBRIDGE UNIV PRESS.2000: S11

- **Disturbance of synchronous gamma activity in schizophrenia**
  Kwang-Hyuk, L., Gordon, E., Williams, L. M., Haig, A.
  CAMBRIDGE UNIV PRESS.2000: S60
- **Functional MRI as a tool for investigating networks underlying the orienting reflex**
  Lagopoulos, J., Ward, P. B., Rennie, C., Williams, L. M., Gordon, E.
  CAMBRIDGE UNIV PRESS.2000: S61
- **Can ADHD and first-episode schizophrenia in adolescence be distinguished using psychophysiological measures of attention and arousal?**
  Marsh, P. J., Lazzaro, Harris, A. W., Williams, L. M., Gordon, E.
  CAMBRIDGE UNIV PRESS.2000: S66
- **Eye movement and autonomic dysfunctions in attention-deficit hyperactivity disorder and patients with first-episode psychosis**
  Marsh, P. J., Lazzaro, Harris, A., Williams, L., Manor, B. R., Gordon, E., Kozek, K.
  ELSEVIER SCIENCE BV.2000: 69–70
- **Facial affect and visual scanning patterns in schizophrenia**
  Manor, B. R., Gordon, E., Williams, L.
  ELSEVIER SCIENCE BV.2000: 32
- **Functional neuroimaging and threat perception: Differentiation of neural responses by simultaneously recorded skin conductance responses**
  Williams, L., Gordon, E., Lagopoulous, J., Rennie, C., Peduto, A., Olivieri, G., Phillips, M. L., Brammer, M. J., Skerrett, D.
  ELSEVIER SCIENCE BV.2000: 46
- **Novelty and routinization dysfunction in schizophrenia: A 40-Hz gamma study**
  Lee, K. H., Gordon, E., Williams, L., Haig, A., Goldberg, E.
  ELSEVIER SCIENCE BV.2000: 47
- **The topography of qEEG in three syndromes of schizophrenia**
  Harris, A., Slewa-Younan, S., Williams, L., Gordon, E., Li, W. M.
  ELSEVIER SCIENCE BV.2000: 51
- **SYMPOSIUM 22: Integrative neuroscience**
  Williams, L., Gordon, E.
  ELSEVIER SCIENCE BV.2000: 45–46
- **Cognitive and autonomic processing of facial affect: Implications for schizophrenia**
  Green, M. J., Williams, L., Gordon, E.
  ELSEVIER SCIENCE BV.2000: 65
- **Misattribution of sensory input in schizophrenia**
  Brown, K., Gordon, E., Gonsalvez, C., Williams, L., Bahramali, H., Harris, A., Gray, J.
  ELSEVIER SCIENCE BV.2000: 62–63
- **Is gamma activity in schizophrenia mediated by gender?**
  Slewa-Younan, S., Gordon, E., Williams, L., Goldberg, E.
  ELSEVIER SCIENCE BV.2000: 72
- **Novelty and routinization dysfunction in schizophrenia: A 40 Hz gamma study**
  Kwang-Hyuk, L., Gordon, E., Williams, L., Haig, A., Goldberg, E.
  ELSEVIER SCIENCE BV.2000: 156–57
- **Functional neuroimaging and threat perception in paranoia: Neural responses are differentiated by simultaneously recorded skin conductance responses**
  Williams, L. M., Phillips, M. L., Gordon, E., Lagopolous, J., Rennie, C., Brammer, M. J., David, A. S.
  ELSEVIER SCIENCE BV.2000: 142–43

- **Late component ERPs are associated with three syndromes in schizophrenia**
  Brown, K. J., Williams, L. M., Gordon, E., Wright, J., Bahramali, H.
  ELSEVIER SCIENCE BV.2000: 151–52
- **Late component ERPs are associated with three syndromes in schizophrenia** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
  Williams, L. M., Gordon, E., Wright, J., Bahramali, H.
  2000; 105 (1-4): 37-52
- **Eye movement dysfunction as a biological marker of risk for schizophrenia.** *The Australian and New Zealand journal of psychiatry*
  Lee, K. H., Williams, L. M.
  2000; 34 Suppl: S91–100
- **Visual scanpaths in schizophrenia: is there a deficit in face recognition?** *SCHIZOPHRENIA RESEARCH*
  Williams, L. M., Loughland, C. M., Gordon, E., Davidson, D.
  1999; 40 (3): 189-199
- **A differential neural response to threatening and non-threatening negative facial expressions in paranoid and non-paranoid schizophrenics** *PSYCHIATRY RESEARCH-NEUROIMAGING*
  Phillips, M. L., Williams, L., Senior, C., Bullmore, E. T., Brammer, M. J., Andrew, C., Williams, S. C., David, A. S.
  1999; 92 (1): 11-31
- **A differential neural response to threatening and non-threatening negative facial expressions in paranoid and non-paranoid schizophrenics** *PSYCHIATRY RESEARCH-NEUROIMAGING*
  Phillips, M. L., Williams, L., Senior, C., Bullmore, E. T., Brammer, M. J., Andrew, C., Williams, S. C., David, A. S.
  1999; 92 (1): 11-31
- **Eye movements reflect impaired face processing in patients with schizophrenia** *BIOLOGICAL PSYCHIATRY*
  Manor, B. R., Gordon, E., Williams, L. M., Rennie, C. J., Bahramali, H., Latimer, C. R., Barry, R. J., Meares, R. A.
  1999; 46 (7): 963-969
- **Different psychopathological models and quantified EEG in schizophrenia** *PSYCHOLOGICAL MEDICINE*
  Harris, A. W., Williams, L., Gordon, E., Bahramali, H., Slewa-Younan, S.
  1999; 29 (5): 1175-1181
- **Misattribution of sensory input reflected in dysfunctional target : nontarget EEG/ERP/SCRS in schizophrenia**
  Brown, K., Gordon, E., Williams, L., Bahramali, H., Harris, A., Gray, J., Meares, R., Gonsalvez, C.
  CAMBRIDGE UNIV PRESS.1999: S38
- **Schizotypy and creativity as effects of reduced cognitive inhibition** *PERSONALITY AND INDIVIDUAL DIFFERENCES*
  Green, M. J., Williams, L. M.
  1999; 27 (2): 263-276
- **Brain imaging technologies: how, what, when and why?** *AUSTRALIAN AND NEW ZEALAND JOURNAL OF PSYCHIATRY*
  Gordon, E.
  1999; 33 (2): 187–96
- **Visual scanpaths and recognition of positive and negative facial emotions in schizophrenia**
  Williams, L. M., Loughland, C. M., Gordon, E.
  ELSEVIER SCIENCE BV.1999: 268
- **Potential mediators of Post-Traumatic Stress Disorder in child witnesses to domestic violence** *CHILD ABUSE & NEGLECT*
  Kilpatrick, K. L., Williams, L. M.
  1998; 22 (4): 319-330
- **A cluster analytic study of schizotypal trait dimensions** *PERSONALITY AND INDIVIDUAL DIFFERENCES*
  Loughland, C. M., Williams, L. M.
  1997; 23 (5): 877-883
- **Post-traumatic stress disorder in child witnesses to domestic violence** *AMERICAN JOURNAL OF ORTHOPSYCHIATRY*
  Kilpatrick, K. L., Litt, M., Williams, L. M.

1997; 67 (4): 639-644

- **Cognitive inhibition and schizophrenic symptom subgroups** *SCHIZOPHRENIA BULLETIN*
  Williams, L. M.
  1996; 22 (1): 139–51
- **FURTHER EVIDENCE FOR A MULTIDIMENSIONAL PERSONALITY DISPOSITION TO SCHIZOPHRENIA IN TERMS OF COGNITIVE INHIBITION** *BRITISH JOURNAL OF CLINICAL PSYCHOLOGY*
  WILLIAMS, L. M.
  1995; 34: 193-213
- **THE MULTIDIMENSIONAL NATURE OF SCHIZOTYPAL TRAITS - A CLUSTER ANALYTIC STUDY** *PERSONALITY AND INDIVIDUAL DIFFERENCES*
  WILLIAMS, L. M.
  1994; 16 (1): 103-112
- **A STUDY OF PARANORMAL BELIEF, MAGICAL IDEATION AS AN INDEX OF SCHIZOTYPY AND COGNITIVE-STYLE** *PERSONALITY AND INDIVIDUAL DIFFERENCES*
  WILLIAMS, L. M., IRWIN, H. J.
  1991; 12 (12): 1339-1348

PRESENTATIONS

- Practical biomarkers for depression: Findings from the iSPOT-D international prediction study and their translation to the clinic - Stanford Psychiatry Grand Rounds (October 25, 2012)
- Paradigm Shifts in Precision Medicine for Psychiatry - Society for Biological Psychiatry (May 14, 2016)
- Precision Medicine, Imaging and the NIMH Research Domain Criteria - VA Director's (7/5/2016)
- Decoding Depression: Exploring Neural Circuit Biotypes - American Society of Neuroradiology (ASNR) annual meeting (5/18/2024)
- Connectomes Related to Human Disease (CRHD): Depression and Anxiety - 53rd Annual meeting of the International Neuropsychological Society (2/15/2024)