

Stanford



Ruth O'Hara

Director, Spectrum, Senior Associate Dean, Research and Lowell W. and Josephine Q. Berry Professor

Psychiatry and Behavioral Sciences

CONTACT INFORMATION

- **Administrative Contact**

Namita Dalal

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Bio

ACADEMIC APPOINTMENTS

- Professor, Psychiatry and Behavioral Sciences
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Senior Associate Dean for Research, Stanford University School of Medicine, (2019- present)
- interim Senior Associate Vice Provost, Office of the Vice Provost and Dean of Research, (2019-2020)
- 51st Committee on Committees, Member, (2018-2019)
- 50th-51st Stanford University Academic Senate, Member, (2017-2019)
- Vice Provost and Dean of Research, Search Committee, Member, (2017-2018)
- Associate Chair, Department of Psychiatry and Behavioral Sciences, (2016-2019)

HONORS AND AWARDS

- Editorial Selection, American Journal of Psychiatry, Outstanding Paper of the Year, American Journal of Psychiatry (2011)
- Invited Presenter, Presidential Symposium, American Psychiatric Association, Annual Meeting, Washington DC, May, 2012 (2012)
- Chair (Elected), Annual Meeting of the International College of Geriatric Psychoneuropharmacology, ICGP (2015)
- Chairman's Award for Leadership and Professionalism, Department of Psychiatry and Behavioral Sciences, Stanford University of School of Medicine (2015)
- Stanford Medal for Faculty Excellence in Fostering Undergraduate Research, Stanford University (2016)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

The core of Dr. O'Hara's research is to investigate how cognitive information processing deficits subservise affective symptoms in psychiatric disorders, and interact with key brain networks integral to these disorders. Deficits in brain networks central to cognitive processing are prevalent in many psychiatric disorders. Findings across

neuropsychology and neuroimaging point to impairments that cross traditional diagnostic boundaries. These cognitive information processing dysfunctions manifest in regulatory problems in both traditional cognitive and emotional domains. They impact a patient's ability to engage effectively, persist in the face of symptomatically effective treatment, and are poorly targeted by current treatments. My body of research has played a key role in shifting the paradigm to defining, assessing and targeting psychiatric disorders more fully based on their cognitive information processing deficits, and underlying neurocircuitry. To do so, I have implemented a translational, interdisciplinary program that encompasses cellular models, brain (sleep, neuroimaging) and behavioral assays of affective and cognitive information processing systems in psychiatric disorders in order to: (1) interrogate the integral role of cognitive processing deficits in the development and exacerbation of affective and psychiatric symptoms; (2) characterize the role of cognitive deficits in treatment response and develop interventions to improve neuropsychiatric symptoms by enhancing cognitive information processing; and (3) identify the physiological bases of these cognitive and affective systems, including mapping cellular phenotypes to brain and behavioral phenotypes.

CLINICAL TRIALS

- Relaxation Treatment for Anxiety in Adults Aged 60 or Older, Not Recruiting

Teaching

COURSES

2023-24

- Autism Spectrum Disorder: HUMBIO 164 (Aut)

2022-23

- Autism Spectrum Disorder: HUMBIO 164 (Aut)
- How we think as how we feel: Cognitive and emotional influences on mental health: PSYC 21N (Win)

2021-22

- Autism Spectrum Disorder: HUMBIO 164 (Aut)

2020-21

- Autism Spectrum Disorder: HUMBIO 164 (Aut)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Gabriella Imbriano, Toru Ishii, Pahnwat Taweeseedt

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Psychiatry and Behavioral Science (Fellowship Program)

Publications

PUBLICATIONS

- **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
- **Narcolepsy risk loci outline role of T cell autoimmunity and infectious triggers in narcolepsy.** *Nature communications*
Ollila, H. M., Sharon, E., Lin, L., Sinnott-Armstrong, N., Ambati, A., Yogeshwar, S. M., Hillary, R. P., Jolanki, O., Faraco, J., Einen, M., Luo, G., Zhang, J., Han, et al
2023; 14 (1): 2709

- **THE IMPACT OF CORTICAL OXYGENATION DURING SLEEP-DISORDERED BREATHING ON COGNITION**
Kawai, M., O'hara, R.
OXFORD UNIV PRESS INC.2023: A27
- **Association between mental health symptoms and behavioral performance in younger vs. older online workers.** *Frontiers in psychiatry*
Mills-Finnerty, C., Staggs, H., Hogoboom, N., Naparstek, S., Harvey, T., Beaudreau, S. A., O'Hara, R.
2023; 14: 995445
- **Needles in a Haystack: Finding Qualitative and Quantitative Collaborators in Academic Medical Centers.** *Academic medicine : journal of the Association of American Medical Colleges*
Pomann, G. M., Truong, T., Boulos, M., Boulware, L. E., Brouwer, R. N., Curtis, L. H., Kapphahn, K., Khalatbari, S., McKeel, J., Messinger, S., O'Hara, R., Pencina, M. J., Samsa, et al
2023
- **Beyond maintaining safety: Examining the benefit of emotion-centered problem solving therapy added to safety planning for reducing late life suicide risk.** *Contemporary clinical trials*
Beaudreau, S. A., Lutz, J., Wetherell, J. L., Nezu, A. M., Nezu, C. M., O'Hara, R., Gould, C. E., Roelk, B., Jo, B., Hernandez, B., Samarina, V., Otero, M. C., Gallagher, et al
2023: 107147
- **Decoding the heterogeneity of Alzheimer's disease diagnosis and progression using multilayer networks.** *Molecular psychiatry*
Avelar-Pereira, B., Belloy, M. E., O'Hara, R., Hosseini, S. M.
2022
- **Sleep architecture is associated with core symptom severity in autism spectrum disorder.** *Sleep*
Kawai, M., Buck, C., Chick, C. F., Anker, L., Talbot, L., Schneider, L., Linkovski, O., Cotto, I., Parker-Fong, K., Phillips, J., Hardan, A., Hallmayer, J., O'Hara, et al
2022
- **Deconvoluting complex correlates of COVID-19 severity with a multi-omic pandemic tracking strategy.** *Nature communications*
Parikh, V. N., Ioannidis, A. G., Jimenez-Morales, D., Gorzynski, J. E., De Jong, H. N., Liu, X., Roque, J., Cepeda-Espinoza, V. P., Osoegawa, K., Hughes, C., Sutton, S. C., Youlton, N., Joshi, et al
2022; 13 (1): 5107
- **THE CIRCADIAN MISALIGNMENT IS ASSOCIATED WITH REDUCED SLOW-WAVE SLEEP IN INDIVIDUALS WITH AUTISM SPECTRUM DISORDER**
Ishii, T., Chen, J., Parker-Fong, K., Kawai, M., O'hara, R.
OXFORD UNIV PRESS INC.2022: A301
- **Mental Health Symptoms Predict Cognitive Performance in Online Gig Economy Workers**
Mills-Finnerty, C., Staggs, H., Hogoboom, N., Khadr, M., Furst, A., O'Hara, R.
ELSEVIER SCIENCE INC.2022: S187
- **Mechanisms of innate and adaptive immunity to the Pfizer-BioNTech BNT162b2 vaccine.** *Nature immunology*
Li, C., Lee, A., Grigoryan, L., Arunachalam, P. S., Scott, M. K., Trisal, M., Wimmers, F., Sanyal, M., Weidenbacher, P. A., Feng, Y., Adamska, J. Z., Valore, E., Wang, et al
2022
- **Preparing the Next Generation of Academic Researchers During the Pandemic: Lessons from a National Mental Health Research Postdoctoral Fellowship.** *Academic psychiatry : the journal of the American Association of Directors of Psychiatric Residency Training and the Association for Academic Psychiatry*
Hantke, N. C., Samarina, V., Hallmayer, J., Anker, L., O'Hara, R., Beaudreau, S. A.
2022
- **Increased activation product of complement 4 protein in plasma of individuals with schizophrenia.** *Translational psychiatry*
Kalinowski, A., Liliental, J., Anker, L. A., Linkovski, O., Culbertson, C., Hall, J. N., Pattni, R., Sabatti, C., Noordsy, D., Hallmayer, J. F., Mellins, E. D., Ballon, J. S., O'Hara, et al
2021; 11 (1): 486
- **Assessment of Allergic and Anaphylactic Reactions to mRNA COVID-19 Vaccines With Confirmatory Testing in a US Regional Health System.** *JAMA network open*

- Warren, C. M., Snow, T. T., Lee, A. S., Shah, M. M., Heider, A., Blomkalns, A., Betts, B., Buzzanco, A. S., Gonzalez, J., Chinthrajah, R. S., Do, E., Chang, I., Dunham, et al
2021; 4 (9): e2125524
- **A timely reminder of the complexities and burden facing caregivers of patients with bvFTD.** *International psychogeriatrics*
Chick, C. F., O'Hara, R.
2021; 33 (9): 853-855
 - **Multi-omic profiling reveals widespread dysregulation of innate immunity and hematopoiesis in COVID-19.** *The Journal of experimental medicine*
Wilk, A. J., Lee, M. J., Wei, B., Parks, B., Pi, R., Martinez-Colon, G. J., Ranganath, T., Zhao, N. Q., Taylor, S., Becker, W., Stanford COVID-19 Biobank, Jimenez-Morales, D., Blomkalns, A. L., et al
2021; 218 (8)
 - **The COVID-19 Outpatient Pragmatic Platform Study (COPPS): Study design of a multi-center pragmatic platform trial.** *Contemporary clinical trials*
Bunning, B., Hedlin, H., Purington, N., Sundaram, V., Kapphahn, K., Weng, Y., Cunanan, K., Maldonado, Y., Singh, U., Khosla, C., O'Hara, R., Nicolls, M., Springman, et al
2021: 106509
 - **A school-based health and mindfulness curriculum improves children's objectively measured sleep: a prospective observational cohort study.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
Chick, C. F., Singh, A., Anker, L. A., Buck, C., Kawai, M., Gould, C., Cotto, I., Schneider, L., Linkovski, O., Karna, R., Pirog, S., Parker-Fong, K., Nolan, et al
2021
 - **Asthma phenotypes, associated comorbidities, and long-term symptoms in COVID-19.** *Allergy*
Eggert, L. E., He, Z., Collins, W., Lee, A. S., Dhondalay, G., Jiang, S. Y., Fitzpatrick, J., Snow, T. T., Pinsky, B. A., Artandi, M., Barman, L., Puri, R., Wittman, et al
2021
 - **Quantitative Measurement of Macromolecular Tissue Properties in White and Gray Matter in Healthy Aging and Amnestic MCI.** *NeuroImage*
Gozdas, E., Fingerhut, H., Wu, H., Bruno, J. L., Dacorro, L., Jo, B., O'Hara, R., Reiss, A. L., Hosseini, S. M.
2021: 118161
 - **Aging Online: Characterizing Attention, Reward Function, and Mental Health in Older Online Workers**
Mills-Finnerty, C., Hogoboom, N., Cline, C., Rolle, C., Naparstek, S., Khadr, M., Zimmermon-Thompson, T., Harvey, T., O'Hara, R.
ELSEVIER SCIENCE INC.2021: S215
 - **A SCHOOL-BASED HEALTH AND MINDFULNESS CURRICULUM IMPROVES CHILDREN'S OBJECTIVELY MEASURED SLEEP**
Chick, C., Anker, L., Singh, A., Buck, C., Kawai, M., Gould, C., Cotto, I., Schneider, L., Linkovski, O., Matlow, R., Bradley, T., Carrion, V., O'Hara, et al
OXFORD UNIV PRESS INC.2021: A251
 - **Brain health registry GenePool study: A novel approach to online genetics research.** *Alzheimer's & dementia (New York, N. Y.)*
Fockler, J., Kwang, W., Ashford, M. T., Flenniken, D., Hwang, J., Truran, D., Mackin, R. S., Jin, C., O'Hara, R., Hallmayer, J. F., Yesavage, J. A., Weiner, M. W., Nosheny, et al
2021; 7 (1): e12118
 - **Depression, health comorbidities, cognitive symptoms and their functional impact: Not just a geriatric problem.** *Journal of psychiatric research*
Schüssler-Fiorenza Rose, S. M., Bott, N. T., Heinemeyer, E. E., Hantke, N. C., Gould, C. E., Hirst, R. B., Jordan, J. T., Beaudreau, S. A., O'Hara, R.
2021; 139: 185-192
 - **BRIEF VIDEO-DELIVERED INTERVENTIONS TO REDUCE ANXIETY IN OLDER VETERANS: A PILOT RCT**
Gould, C., Carlson, C., Anker, L., O'Hara, R., Wetherell, J., Goldstein, M., Beaudreau, S.
OXFORD UNIV PRESS.2021: 567
 - **Asthma phenotypes, associated comorbidities, and long-term symptoms in COVID-19** *European Journal of Allergy and Clinical Immunology*
Eggert, L. E., He, Z., Collins, W., Lee, A. S., Nadeau, K., Chinthrajah, R.
2021
 - **SARS-CoV-2 RNAemia predicts clinical deterioration and extrapulmonary complications from COVID-19.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Ram-Mohan, N. n., Kim, D. n., Zudock, E. J., Hashemi, M. M., Tjandra, K. C., Rogers, A. J., Blish, C. A., Nadeau, K. C., Newberry, J. A., Quinn, J. V., O'Hara, R. n., Ashley, E. n., Nguyen, et al

2021

- **Neurocognitive markers of passive suicidal ideation in late-life depression.** *International psychogeriatrics*
Jordan, J. T., Chick, C. F., Rolle, C. E., Hantke, N., Gould, C. E., Lutz, J., Kawai, M., Cotto, I., Karna, R., Pirog, S., Berk, M., Sudheimer, K., O'Hara, et al
2020: 1–11
- **The 5-HTTLPR Long, not Short, Allele Predicts Two-year Longitudinal Increases in Cortisol and Declines in Verbal Memory in Older Adults.** *International journal of geriatric psychiatry*
Hirst, R. B., Jordan, J. T., Miryam Schussler-Fiorenza Rose, S., Schneider, L., Kawai, M., Gould, C., Anker, L., Chick, C. F., Beaudreau, S., Hallmayer, J., O'Hara, R.
2020
- **Guided self-management targeting anxiety and activity participation in older Veterans.** *Aging & mental health*
Gould, C. E., Carlson, C., Wetherell, J. L., O'Hara, R., Goldstein, M. K., Loup, J. R., Ma, F., Beaudreau, S. A.
2020: 1–10
- **The Effects of Cortisol on Subgenual Cingulate Activity in Depression**
Sudheimer, K., Duvio, D., Shols, E., Heinemeyer, E., Williams, N., O'Hara, R., Schatzberg, A.
ELSEVIER SCIENCE INC.2020: S449
- **IMPORTANCE OF SLEEP IN GERIATRIC MENTAL HEALTH: SLEEP RESEARCH IN SCHIZOPHRENIA, COGNITIVE DISORDERS, AND AFFECTIVE DISORDERS**
O'Hara, R., Gebara, M., Lee, E., Jeste, D.
ELSEVIER SCIENCE INC.2020: S46
- **Neuronal defects in a human cellular model of 22q11.2 deletion syndrome.** *Nature medicine*
Khan, T. A., Revah, O. n., Gordon, A. n., Yoon, S. J., Krawisz, A. K., Goold, C. n., Sun, Y. n., Kim, C. H., Tian, Y. n., Li, M. Y., Schaepe, J. M., Ikeda, K. n., Amin, et al
2020
- **SARS-CoV-2 RNAemia predicts clinical deterioration and extrapulmonary complications from COVID-19.** *medRxiv : the preprint server for health sciences*
Ram-Mohan, N. n., Kim, D. n., Zudock, E. J., Hashemi, M. M., Tjandra, K. C., Rogers, A. J., Blish, C. A., Nadeau, K. C., Newberry, J. A., Quinn, J. V., O'Hara, R. n., Ashley, E. n., Nguyen, et al
2020
- **High-Resolution Spectral Sleep Analysis Reveals a Novel Association Between Slow Oscillations and Memory Retention in Elderly Adults.** *Frontiers in aging neuroscience*
Kawai, M. n., Schneider, L. D., Linkovski, O. n., Jordan, J. T., Karna, R. n., Pirog, S. n., Cotto, I. n., Buck, C. n., Giardino, W. J., O'Hara, R. n.
2020; 12: 540424
- **Focal white matter disruptions along the cingulum tract explain cognitive decline in amnesic mild cognitive impairment (aMCI).** *Scientific reports*
Gozdas, E. n., Fingerhut, H. n., Chromik, L. C., O'Hara, R. n., Reiss, A. L., Hosseini, S. M.
2020; 10 (1): 10213
- **Technology Use and Preferences for Mental Health Self-Management Interventions among Older Veterans.** *International journal of geriatric psychiatry*
Gould, C. E., Loup, J., Kuhn, E., Beaudreau, S. A., Ma, F., Goldstein, M. K., Wetherell, J. L., Zapata, A. M., Choe, P., O'Hara, R.
2019
- **The Future of Dementia Biomarkers Needs Better Neuropsychology.** *The American journal of psychiatry*
Naparstek, S., Linkovski, O., O'Hara, R.
2019; 176 (12): 1050
- **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
- **Development of VM-REACT: Verbal memory RecAll computerized test** *JOURNAL OF PSYCHIATRIC RESEARCH*
Naparstek, S., El-Said, D., Eisenberg, M. L., Jordan, J. T., O'Hara, R., Etkin, A.
2019; 114: 170–77

- **Rediscovering an old friend: a role for insulin growth factor-2 in reducing neurodegeneration, decreasing amyloid beta, and improving memory** *INTERNATIONAL PSYCHOGERIATRICS*
O'Hara, R., Hallmayer, J.
2019; 31 (7): 925–27
- **Human 3D cellular model of hypoxic brain injury of prematurity** *NATURE MEDICINE*
Pasca, A. M., Park, J., Shin, H., Qi, Q., Revah, O., Krasnoff, R., O'Hara, R., Willsey, A., Palmer, T. D., Pascz, S. P.
2019; 25 (5): 784–+
- **Using fMRI connectivity to define a treatment-resistant form of post-traumatic stress disorder** *SCIENCE TRANSLATIONAL MEDICINE*
Etkin, A., Maron-Katz, A., Wu, W., Fonzo, G. A., Huemer, J., Vertes, P. E., Patenaude, B., Richiardi, J., Goodkind, M. S., Keller, C. J., Ramos-Cejudo, J., Zaiko, Y., Peng, et al
2019; 11 (486)
- **Using fMRI connectivity to define a treatment-resistant form of post-traumatic stress disorder.** *Science translational medicine*
Etkin, A., Maron-Katz, A., Wu, W., Fonzo, G. A., Huemer, J., Vertes, P. E., Patenaude, B., Richiardi, J., Goodkind, M. S., Keller, C. J., Ramos-Cejudo, J., Zaiko, Y. V., Peng, et al
2019; 11 (486)
- **ULTRADIAN CYCLE OF SLOW-WAVE ACTIVITY IN OLDER ADULTS.**
Kawai, M., Schneider, L., O'Hara, R.
OXFORD UNIV PRESS INC.2019
- **Does Cognition Predict Treatment Response and Remission in Psychotherapy for Late-Life Depression? (vol 23, pg 215, 2015)** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*
Beaudreau, S. A., Rideaux, T., O'Hara, R., Arean, P.
2019; 27 (4): 461
- **Human 3D cellular model of hypoxic brain injury of prematurity.** *Nature medicine*
Pa#ca, A. M., Park, J. Y., Shin, H. W., Qi, Q. n., Revah, O. n., Krasnoff, R. n., O'Hara, R. n., Willsey, A. J., Palmer, T. D., Pa#ca, S. P.
2019
- **Factors Associated with Supportive Care Service Use Among California Alzheimer's Disease Patients and Their Caregivers.** *Journal of Alzheimer's disease : JAD*
Newkirk, L. A., Dao, V. L., Jordan, J. T., Alving, L. I., Davies, H. D., Hewett, L. n., Beaudreau, S. A., Schneider, L. D., Gould, C. E., Chick, C. F., Hirst, R. B., Rose, S. M., Anker, et al
2019
- **IPSCS - A PLATFORM TO STUDY AUTISM SPECTRUM DISORDER**
Hallmayer, J., Bernstein, J., O'Hara, R., Pasca, S.
ELSEVIER SCIENCE BV.2019: S764–S765
- **Development of VM-REACT: Verbal memory RecAll computerized test.** *Journal of psychiatric research*
Naparstek, S. n., El-Said, D. n., Eisenberg, M. L., Jordan, J. T., O'Hara, R. n., Etkin, A. n.
2019; 114: 170–77
- **Commentary on "High Occurrence of Psychiatric Disorders and Suicidal Behavior Across Dementia Subtypes"** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*
Beaudreau, S. A., Jordan, J. T., O'Hara, R.
2018; 26 (12): 1202–3
- **Commentary on "High Occurrence of Psychiatric Disorders and Suicidal Behavior Across Dementia Subtypes".** *The American journal of geriatric psychiatry : official journal of the American Association for Geriatric Psychiatry*
Beaudreau, S. A., Jordan, J. T., O'Hara, R.
2018
- **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

- **Subjective but Not Objective Sleep is Associated with Subsyndromal Anxiety and Depression in Community-Dwelling Older Adults** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*
Gould, C. E., Karna, R., Jordan, J., Kawai, M., Hirst, R., Hantke, N., Pirog, S., Cotto, I., Rose, S., Beaudreau, S. A., O'Hara, R.
2018; 26 (7): 806–11
- **Subjective but Not Objective Sleep is Associated with Subsyndromal Anxiety and Depression in Community-Dwelling Older Adults.** *The American journal of geriatric psychiatry : official journal of the American Association for Geriatric Psychiatry*
Gould, C. E., Karna, R., Jordan, J., Kawai, M., Hirst, R., Hantke, N., Pirog, S., Cotto, I., Schussler-Fiorenza Rose, S. M., Beaudreau, S. A., O'Hara, R.
2018
- **Integration of neural and epigenetic contributions to posttraumatic stress symptoms: The role of hippocampal volume and glucocorticoid receptor gene methylation** *PLOS ONE*
McNerney, M., Sheng, T., Nechvatal, J. M., Lee, A. G., Lyons, D. M., Soman, S., Liao, C., O'Hara, R., Hallmayer, J., Taylor, J., Ashford, J., Yesavage, J., Adamson, et al
2018; 13 (2): e0192222
- **Information-Seeking about Anxiety and Perceptions about Technology to Teach Coping Skills in Older Veterans** *CLINICAL GERONTOLOGIST*
Zapata, A. L., Beaudreau, S. A., O'Hara, R., Merrell, S., Bruce, J., Garrison-Diehn, C., Gould, C. E.
2018; 41 (4): 346–56
- **Neuropsychological Functioning in Older Adults with Mild Cognitive Impairment and Insomnia Randomized to CBT-I or Control Group** *CLINICAL GERONTOLOGIST*
Cassidy-Eagle, E., Siebern, A., Unti, L., Glassman, J., O'Hara, R.
2018; 41 (2): 136–44
- **Unlocking Neurocognitive Substrates of Late-Life Affective Symptoms Using the Research Domain Criteria: Worry Is an Essential Dimension** *FRONTIERS IN AGING NEUROSCIENCE*
Beaudreau, S. A., Hantke, N. C., Mashal, N., Gould, C. E., Henderson, V. W., O'Hara, R.
2017; 9: 380
- **Greater Cognitive Deficits with Sleep-disordered Breathing among Individuals with Genetic Susceptibility to Alzheimer Disease The Multi-Ethnic Study of Atherosclerosis** *ANNALS OF THE AMERICAN THORACIC SOCIETY*
Johnson, D. A., Lane, J., Wang, R., Reid, M., Djonlagic, I., Fitzpatrick, A. L., Rapp, S. R., Charles, L. E., O'Hara, R., Saxena, R., Redline, S.
2017; 14 (11): 1697–1705
- **Development of a video-delivered relaxation treatment of late-life anxiety for veterans.** *International psychogeriatrics*
Gould, C. E., Zapata, A. M., Bruce, J., Bereknyei Merrell, S., Wetherell, J. L., O'Hara, R., Kuhn, E., Goldstein, M. K., Beaudreau, S. A.
2017: 1-13
- **Association of Anxiety Symptom Clusters with Sleep Quality and Daytime Sleepiness.** *journals of gerontology. Series B, Psychological sciences and social sciences*
Gould, C. E., Spira, A. P., Liou-Johnson, V., Cassidy-Eagle, E., Kawai, M., Mashal, N., O'Hara, R., Beaudreau, S. A.
2017
- **Characterizing regression in Phelan McDermid Syndrome (22q13 deletion syndrome).** *Journal of psychiatric research*
Reierson, G., Bernstein, J., Froehlich-Santino, W., Urban, A., Purmann, C., Berquist, S., Jordan, J., O'Hara, R., Hallmayer, J.
2017; 91: 139-144
- **Handling clinical comorbidity in randomized clinical trials in psychiatry.** *Journal of psychiatric research*
O'Hara, R., Beaudreau, S. A., Gould, C. E., Froehlich, W., Kraemer, H. C.
2017; 86: 26-33
- **Sleep Disturbances in Individuals With Phelan-McDermid Syndrome: Correlation With Caregivers' Sleep Quality and Daytime Functioning** *SLEEP*
Bro, D., O'Hara, R., Primeau, M., Hanson-Kahn, A., Hallmayer, J., Bernstein, J. A.
2017; 40 (2)
- **A Longitudinal Pilot Study of Behavioral Abnormalities in Children with Autism.** *Journal of psychiatry and psychiatric disorders*
Libove, R. A., Frazier, T. W., O'Hara, R. n., Phillips, J. M., Jo, B. n., Hardan, A. Y.
2017; 1 (4): 215–23
- **Genetics of the HPA-Axis Predict Limbic Connectivity Patterns**

Sudheimer, K., Keller, J., O'Hara, R., Hantke, N., Karna, R., Duvio, D., Beaudreau, S., Heinemeyer, E., Reiss, A., Murphy, G., Gomez, R., Garrett, A., Tennakoon, et al
NATURE PUBLISHING GROUP.2016: S164

- **Sleep Disturbances in Individuals with Phelan-McDermid Syndrome: Correlation with Caregivers' Sleep Quality and Daytime Functioning.** *Sleep*
Bro, D., O'Hara, R., Primeau, M., Hanson-Kahn, A., Hallmayer, J., Bernstein, J. A.
2016
- **Longitudinal association of delta activity at sleep onset with cognitive and affective function in community-dwelling older adults.** *International journal of geriatric psychiatry*
Kawai, M., Beaudreau, S. A., Gould, C. E., Hantke, N. C., Cotto, I., Jordan, J. T., Hirst, R. B., O'Hara, R.
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