



## Andrea Nicole Goldstein

Clinical Assistant Professor, Psychiatry and Behavioral Sciences

### Bio

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#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Psychiatry and Behavioral Sciences

#### HONORS AND AWARDS

- Merit Based Travel Award, American College of Neuropsychopharmacology (2017)
- Merit based Travel Fellowship Award, Society of Biological Psychiatry (2017)
- Seed Grant Recipient, Center for Neurobiological Imaging (CNI) (2017)
- NRSA F32 Title: Neuroimaging and Machine Learning to Redefine Anxiety and Depression, NIMH (2016-2019)
- Merit Based Professional Development Travel Award, Society for Neuroscience (2016)
- Clinical Loan Repayment Award, National Institute of Health (2015-2016)
- Seed Grant Recipient, Center for Neurobiological Imaging (CNI) (2015)
- Merit Based Trainee Travel Award, Sleep Research Society (2012)
- NRSA F31 Title: Sleep Loss, Trait Anxiety and Emotional Brain Reactivity, NIMH (2011-2014)
- Honorable Mention, NSF Graduate Research Fellowship (2009)
- Graduated Summa Cum Laude, University of California, San Diego (2006)

#### PROFESSIONAL EDUCATION

- PhD, University of California Berkeley , Neuroscience/Psychology (2014)
- BS, University of California San Diego , Cognitive Science (2006)
- BS, University of California San Diego , Psychology (2006)

#### LINKS

- Stanford PANLab: <http://med.stanford.edu/williamslab.html>
- CoPsyN Sleep Lab: <http://med.stanford.edu/copsynsleeplab.html>

### Research & Scholarship

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#### CLINICAL TRIALS

- Sleep Disturbance and Emotion Regulation Brain Dysfunction as Mechanisms of Neuropsychiatric Symptoms in Alzheimer's Dementia, Not Recruiting

## Publications

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### PUBLICATIONS

- **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
- **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
- **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
- **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., Carrillo-Roa, T., Binder, E. B., Dunlop, B. W., Craighead, W. E., Mayberg, H. S., Williams, L. M.  
2018; 175 (3): 251–61
- **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., Goldstein-Piekarski, A. N., Rosas, L. G., Kullar, M., Sacchet, M. D., Gevaert, O., Bailenson, J., Lavori, P. W., Dagum, P., Wandell, B., Correa, C., Greenleaf, et al  
2018; 101: 58–70
- **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
- **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
- **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
- **A Genetic Polymorphism of the Human Dopamine Transporter Determines the Impact of Sleep Deprivation on Brain Responses to Rewards and Punishments** *JOURNAL OF COGNITIVE NEUROSCIENCE*  
Greer, S. M., Goldstein, A. N., Knutson, B., Walker, M. P.  
2016; 28 (6): 803-810
- **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
- **Human Hippocampal Structure: A Novel Biomarker Predicting Mnemonic Vulnerability to, and Recovery from, Sleep Deprivation** *JOURNAL OF NEUROSCIENCE*  
Saletin, J. M., Goldstein-Piekarski, A. N., Greer, S. M., Stark, S., Stark, C. E., Walker, M. P.  
2016; 36 (8): 2355-2363
- **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-?
- **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)
  - **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
  - **Sleep Deprivation Impairs the Human Central and Peripheral Nervous System Discrimination of Social Threat.** *journal of neuroscience*  
Goldstein-Piekarski, A. N., Greer, S. M., Saletin, J. M., Walker, M. P.  
2015; 35 (28): 10135-10145
  - **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
  - **The Role of Sleep in Emotional Brain Function** *ANNUAL REVIEW OF CLINICAL PSYCHOLOGY, VOL 10*  
Goldstein, A. N., Walker, M. P.  
2014; 10: 679-708
  - **The impact of sleep deprivation on food desire in the human brain** *NATURE COMMUNICATIONS*  
Greer, S. M., Goldstein, A. N., Walker, M. P.  
2013; 4
  - **Tired and Apprehensive: Anxiety Amplifies the Impact of Sleep Loss on Aversive Brain Anticipation** *JOURNAL OF NEUROSCIENCE*  
Goldstein, A. N., Greer, S. M., Saletin, J. M., Harvey, A. G., Nitschke, J. B., Walker, M. P.  
2013; 33 (26): 10607-10615
  - **The Role of Sleep in Directed Forgetting and Remembering of Human Memories** *CEREBRAL CORTEX*  
Saletin, J. M., Goldstein, A. N., Walker, M. P.  
2011; 21 (11): 2534-2541
  - **Photoperiod and Testosterone Interact to Drive Seasonal Changes in Kisspeptin Expression in Siberian Hamsters (*Phodopus sungorus*)** *JOURNAL OF NEUROENDOCRINOLOGY*  
Greives, T. J., Humber, S. A., GOLDSTEIN, A. N., Scotti, M. L., Demas, G. E., Kriegsfeld, L. J.  
2008; 20 (12): 1339-1347