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Postdoctoral Research Fellow
Department of Psychiatry & Behavioral Sciences
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Licensure

Aug 2015-Present
Board of Psychology, State of California
Licensed Clinical Psychologist, PSY27812

Education

Sept 2013-Present
Stanford University School of Medicine
401 Quarry Road, MC 5722, Stanford, CA 94305
Department of Psychiatry and Behavioral Sciences
Postdoctoral Fellow, T32 Biobehavioral Research Fellowship
Mentor: Amit Etkin, M.D., Ph.D.

Aug 2007-Aug 2013
San Diego State University/University of California-San Diego
6363 Alvarado Ct, Suite 103, San Diego, CA 92120
Joint Doctoral Program in Clinical Psychology, San Diego, CA
Ph.D. in Clinical Psychology August 2013
Dissertation Title: Early life stress and the anxious brain: Neural structure and function underlying the relationship between childhood maltreatment and anxiety in adulthood
Defended June 22nd, 2012
Dissertation Chair(s): Murray B. Stein, M.D., M.P.H. & Martin P. Paulus, M.D.

Aug 2007-Aug 2011
San Diego State University/University of California-San Diego
6363 Alvarado Ct, Suite 103, San Diego, CA 92120
Joint Doctoral Program in Clinical Psychology, San Diego, CA
M.S. in Psychology August 2010
Thesis Title: Exaggerated and disconnected insular-amygdalar blood oxygenation level dependent response to threat-related emotional faces in women with intimate-partner violence posttraumatic stress disorder
Thesis Chair: Murray B. Stein, M.D., M.P.H.

Aug 2001-May 2005
The University of Georgia
Franklin College of Arts and Sciences, Athens, GA, 30609
B.S., Summa cum Laude May 2005
Major(s): Biology & Psychology
Thesis Title: An investigation of functional magnetic resonance imaging measures of spatial working memory in traumatic brain injury
Thesis Chair: L. Stephen Miller, Ph.D.

Research Experience

Sept. 2013-Present
T32 Biobehavioral Research Fellowship
Department of Psychiatry and Behavioral Sciences
Stanford University School of Medicine

401 Quarry Road, MC 5797, Stanford, CA 94305

Mentor: Amit Etkin, M.D., Ph.D.

Application of functional neuroimaging to assess neural mechanisms of novel and evidence-based interventions for post-traumatic stress disorder

August 2007-July 2012 Anxiety & Traumatic Stress Disorders Research Program

8939 Villa La Jolla Drive, Suite 200, La Jolla, CA 92037

Mentors: Murray B. Stein, MD, MPH and Martin Paulus, MD

Activities: Analysis and interpretation of structural and functional neuroimaging data in clinical samples with anxiety disorders

June 2004-August 2004 Yale BioSTEP Program

Research Apprentice, New Haven, CT 74085

Mentors: Jed Meltzer, Ph.D. and Todd Constable, Ph.D.

Studied a transverse patterning task using electroencephalogram (EEG) in healthy subjects

June 2003-August 2003 Summer Undergraduate Research Program (SURP)

Research Apprentice. Athens, GA 30609

Mentor: L. Stephen Miller, Ph.D.

Studied spatial working memory in traumatic brain injury using a functional imaging paradigm

August 2001-April 2003 Center for Undergraduate Research Opportunities (CURO)

Biomedical Apprentice, Athens, GA 30609

Mentors: Rod Dishman, Ph.D. (August 2001-April 2002) and L. Stephen Miller, Ph.D. (August 2002-April 2003)

Studied effect of exercise on neural growth factors and functional imaging of emotional conflict

Clinical Experience

Jan. 2016-Present

San Francisco Center for Integrative Anxiety Solutions, Private Practice

870 Market Street, Suite 958, San Francisco, CA 94102

Duties: Assessment and individual evidence-based cognitive-behavioral treatment of anxiety disorders, post-traumatic stress disorder, and depressive disorders

Oct. 2013-Dec. 2015

Study Assessor/Therapist, PTSD Treatment Study

Supervisor(s): Allison Thompson, Ph.D. & Barbara Rothbaum, Ph.D.

Duties: Assessment of PTSD using Clinical-Administered PTSD Scale (CAPS) and Structured Clinical Interview for DSM-IV Diagnosis (SCID); Administration of prolonged exposure (PE) therapy in a research setting

Oct. 2013-Present

Postdoctoral Fellow, Stanford Psychiatry Psychosocial Treatment Clinic

Supervisor: Kate Corcoran, Ph.D.

Duties: Assessment and individual psychotherapy with a varied population, mainly mood and anxiety disorders

Aug. 2012 – Aug. 2013

Psychology Intern, Memphis VA Medical Center

1030 Jefferson Avenue, Memphis, TN 38104

Supervisors: Robert Kores, Ph.D., Brad Roper, Ph.D., ABPP-CN, Mardi Smith, Ph.D., Melissa Hoffman, Ph.D., Eliyahu Reich, Ph.D., Charissa Camp, Ph.D.

Rotations: Mental Health Clinic—assessment and treatment of individuals with broad range of psychopathology; Neuropsychology Clinic—neuropsychological assessment of individuals with a broad range of cognitive impairments; University of Tennessee Health Science Center Parent-Child Interaction Therapy Clinic—treatment of externalizing behavior disorders in children; PTSD Clinical Team—assessment and treatment of PTSD; Chemical Dependency Center—assessment and treatment of substance-use disorders; Blue Clinic—primary care psychology in severe mental illness;

University of Tennessee Health Science Center Department of Child and Adolescent Psychiatry—
assessment and treatment of psychopathology in children/adolescents

- July 2011-July 2012 Practicum Student, Mission Valley VA PTSD Clinical Team
8810 Rio San Diego Dr, San Diego, CA 92108
Supervisor: Lisa Campbell, Ph.D.
Duties: Assessment and individual and group psychotherapy for PTSD using cognitive processing therapy, prolonged exposure, EMDR, and anger management
- July 2010-June 2011 Practicum Student, La Jolla VA Hospital Anxiety Disorders Clinic
3350 La Jolla Village Dr, San Diego, CA 92161
Supervisors: Catherine Ayers, Ph.D. and Emmanuel Espejo, Ph.D.
Duties: Assessment and individual and group psychotherapy for anxiety disorders using cognitive-behavioral therapy
- July 2009-June 2010 Practicum Student, UCSD Outpatient Psychiatric Services-Gifford Clinic
140 W Arbor Dr, San Diego, CA 92103
Supervisor: Cynthia Gomes, Ph.D.
Duties: Assessment and individual and group psychotherapy for mood, anxiety, substance use, psychotic, and personality disorders using cognitive behavioral therapy, dialectical behavior therapy, motivational interviewing, and acceptance and commitment therapy
- July 2008-June 2009 Practicum Student, San Diego State University Psychology Clinic
6363 Alvarado Ct, Suite 103, San Diego, CA 92120
Supervisors: Michael Taylor, Ph.D. and Brenda Johnson, Ph.D.
Duties: Assessment and individual psychotherapy for mood/anxiety disorders using cognitive behavioral and interpersonal therapy

Teaching Experience

- June 2005-August 2005 Kaplan Test Prep Instructor
Taught an SAT preparatory course to 12-15 high school students in twice-weekly 3 hour-long classes.
- Sept 2010-Aug 2011 SDSU/UCSD Clinical Psychology Statistics Tutor
Provided one-on-one tutoring to first and second-year graduate students. Identified by Dr. Jorg Matt, SDSU Professor, as the most qualified third-year student to provide such tutoring.
- Jan 2012-July 2012 Neuroimaging Analysis Seminar
Taught a once-weekly hour-long neuroimaging seminar course to interested graduate students and postdoctoral fellows. Course covered basic analysis and interpretation of fMRI data using AFNI.
- May 30th, 2014 Special Topics in Trauma: Theory, Controversy, and Neurobiology (CLIN 864)
Invited lecture at Pacific Graduate School of Psychology-Stanford PsyD Consortium (Palo Alto University) to clinical psychology graduate students on the neurobiology of PTSD. Course instructor: Helena Young, Ph.D.
- Nov 18th, 2015 Clinical Perspectives on Trauma Psychology (CLIN 745)
Invited lecture at Pacific Graduate School of Psychology-Stanford PsyD Consortium (Palo Alto University) to clinical psychology graduate students on the neurobiology of PTSD. Course instructor: Cheryl Gore-Felton, Ph.D.

Select Honors, Awards, and Scholarships

- 2016 Travel Award, Annual Conference of the American College of Neuropsychopharmacology (ACNP)
- Top 10 Reviewer (#4) for *Neuropsychopharmacology*, 2015

- Accepted to participate in the Research Career Development Institute in Psychiatry, Stanford, CA, 2015-2017
- Recipient of Cota-Robles Fellowship, University of California-San Diego
- Recipient of Alan J. Jaworski Men in Science Award—UGA's highest honor for outstanding academic achievement and contribution to the sciences
- Member of Phi Beta Kappa Honors Society, National Society for Collegiate Scholars, and Golden Key National Honors Society
- Seven-time University of Georgia Presidential Scholar from 2001-2005
- Undergraduate Scholarships: Hope Scholarship, Vice Presidential Scholarship, Charter Scholarship, and James E. Casey Scholarship, National Merit Scholar

Professional Memberships

- American Psychological Association since 2010
- Anxiety and Depression Association of America since 2013.
- Society for Neuroscience, 2011-2012
- San Francisco Psychological Association since 2016

Professional Reviewing

- *Ad-hoc* reviewer for *Biological Psychiatry; Neuropsychopharmacology; Psychological Medicine; Journal of the American Academy of Child and Adolescent Psychiatry; Emotion; Social, Cognitive, and Affective Neuroscience; Psychiatry Research: Neuroimaging; Biological Psychology; Neuroimage; Depression and Anxiety; Biology of Mood and Anxiety Disorders; PLoS One; Journal of Psychiatric Research; Journal of Affective Disorders; Neuroimage Clinical; Neuroscience Letters; Scientific Reports; Psychology and Neuroscience; Cognitive, Affective & Behavioral Neuroscience*
- Invited reviewer for grant proposals submitted to Vienna Science and Technology Fund (WWTF) in the field of Cognitive Sciences, 2015.

Professional Publications

Research Articles

Fonzo, G.A., Huemer, J., & Etkin, A. (2016). History of childhood maltreatment augments dorsolateral prefrontal processing of emotional valence in PTSD. *Journal of Psychiatric Research, 74*, 45-54.

Fonzo, G. A., Ramsawh, H. J., Flagan, T. M., Simmons, A. N., Sullivan, S. G., Allard, C. B., Paulus, M. P., & Stein, M. B. (2015). Early life stress and the anxious brain: evidence for a neural mechanism linking childhood emotional maltreatment to anxiety in adulthood. *Psychological Medicine*. Dec. 16: 1-18, Epub. Ahead of print.

Mackey, S., Olafsson, V., Aupperle, R. L., Lu, K., Fonzo, G. A., Parnass, J., Liu, T., & Paulus, M. P. (2015). Greater preference consistency during the Willingness-to-Pay task is related to higher resting state connectivity between the ventromedial prefrontal cortex and the ventral striatum. *Brain Imaging and Behavior*, DOI 10.1007/s11682-015-9435-z.

Fonzo, G. A., Ramsawh, H. J., Flagan, T. M., Sullivan, S. G., Letamendi, A., Simmons, A. N., Paulus, M. P., & Stein, M. B. (2015). Common and disorder-specific neural responses to emotional faces in generalized anxiety, social anxiety, and panic disorders. *British Journal of Psychiatry, 206(3)*, 206-215.

- Fonzo, G. A., Ramsawh, H. J., Flagan, T. M., Sullivan, S. G., Simmons, A. N., Paulus, M. P., & Stein, M. B. (2014). Cognitive-behavioral therapy for generalized anxiety disorder is associated with attenuation of limbic activation to threat-related facial emotions. *Journal of Affective Disorders*, *169*, 76-85.
- Schreiber, D., Fonzo, G. A., Simmons, A. N., Dawes, C. T., Flagan, T., Fowler, J. H., & Paulus, M. P. (2013). Red brain, blue brain: Evaluative processes differ in Democrats and Republicans. *PLoS One*. DOI: 10.1371/journal.pone.0052970.
- Schuitevoerder, S., Rosen, J. W., Twamley, E. W., Ayers, C. R., Sones, H., Lohr, J. B., Goetter, E. M., Fonzo, G. A., Holloway, K. J., & Thorp, S. R. (2013). A meta-analysis of cognitive functioning in older adults with PTSD. *Journal of Anxiety Disorders*, *27*(6), 550-558.
- Fonzo, G. A., Flagan, T. M., Sullivan, S., Allard, C. B., Grimes, E. M., Simmons, A. N., Paulus, M. P., & Stein, M. B. (2013). Neural functional and structural correlates of childhood maltreatment in women with intimate-partner violence-related posttraumatic stress disorder. *Psychiatry Research: Neuroimaging*, *211*(2), 93-103.
- Fonzo, G.A., Simmons, A.N., Thorp, S.R., Norman, S.B., Paulus, M.P., & Stein, M.B. (2010). Exaggerated and disconnected insular-amygdalar blood oxygenation level-dependent response to threat-related emotional faces in women with intimate-partner violence posttraumatic stress disorder. *Biological Psychiatry*, *68*(5), 433-441.
- Meltzer, J. A., Fonzo, G. A., & Constable, R. T. (2009). Transverse patterning dissociates human EEG theta power and hippocampal BOLD activation. *Psychophysiology*, *46*, 153-162.

Book Chapters

- Fonzo, G. A., Paulus, M. P., & Stein, M. B. (2015). Neuroimaging aspects of childhood maltreatment. In P. T. Clements, & S. Seedat (Eds.), *Mental Health Issues: Childhood Maltreatment*. St. Louis, MO: STM Learning, Inc.

Invited Professional Publications

- Fonzo, G.A. & Etkin, A. (In press). Brain connectivity reflects mental and physical states in generalized anxiety disorder. *Biological Psychiatry*.
- Fonzo, G.A. (2014). Cognitive-behavioral therapeutic brain signatures in adults with generalized anxiety disorder. Published online on www.anxiety.org.

Manuscripts in Preparation and Under Review

Research Articles

- Etkin, A.*, Fonzo, G. A.*, Wu, W.*, Huemer, J.*, Patenaude, B.*, Vértes, P.*, Richiardi, J., Goodkind, M. S., Keller, C. J., Cejudo, J. R., Zaiko, Y. V., Peng, K. K., Shpigel, E., Longwell, P., Toll, R. T., Thompson, A., Zack, S., Gonzalez, B., Edelstein, R., Chen, J., Akingbade, I., Weiss, M. E., Hart, R., Mann, S., Durkin, K., Baete, S., Boada, F., Genfi, A., Autea, J., Newman, J., Oathes, D. J., Lindley, S. E., Abu-Amara, D., Arnow, B. A., Crossley, N., Hallmayer, J., Fossati, S., Rothbaum, B. O., Marmar, C. R., Bullmore, E. T., & O'Hara, R.

Connectomics and cognition define a treatment-resistant form of post-traumatic stress disorder. Under review at *Science Translational Medicine*. *Equal contributions as first authors.

Fonzo, G. A.*, Goodkind, M. S.*, Oathes, D. J., Zaiko, Y. V., Harvey, M., Peng, K. K., Weiss, M. E., Thompson, A. L., Zack, S. E., Lindley, S. E., Arnow, B. A., Jo, B., Gross, J. J., Rothbaum, B. O., & Etkin, A. Predicting psychotherapy outcome in PTSD: Brain activation and connectivity during emotional reactivity and emotion regulation. Under revision at *American Journal of Psychiatry*. *Equal contributions as first authors.

Fonzo, G. A.*, Goodkind, M. S.*, Oathes, D. J., Zaiko, Y. V., Harvey, M., Peng, K. K., Weiss, M. E., Thompson, A. L., Zack, Mills-Finnerty, C. E., Rosenberg, B. M., Edelstein, R., Wright, R. N., Kole, C. A., Lindley, S., E., Arnow, B. A., Jo, B., Gross, J. J., Rothbaum, B. O., & Etkin, A. Selective effects of psychotherapy on frontopolar cortical function in post-traumatic stress disorder. Under revision at *American Journal of Psychiatry*. *Equal contributions as first authors

Invited Manuscripts

Fonzo, G.A. & Etkin, A. Affective neuroimaging of generalized anxiety disorder: an integrated review. Under review at *Dialogues in Clinical Neuroscience*.

Professional Presentations

Fonzo, G.A., Goodkind, M.S., Oathes, D. J., Zaiko, Y. V., Harvey, M. M., Peng, K. K., Weiss, M. E., Mills-Finnerty, C., Thompson, A., Zack, S., Lindley, S., Arnow, B., Jo, B., Gross, J., Rothbaum, B. O., & Etkin, A. (2016). Brain mechanisms and predictors of response to prolonged exposure therapy in PTSD. Poster presented at the annual conference for the American College of Neuropsychopharmacology; Hollywood, Florida, USA.

Fonzo, G.A., Goodkind, M.S., Oathes, D. J., Zaiko, Y. V., Harvey, M. M., Peng, K. K., Weiss, M. E., Thompson, A., Zack, S., Arnow, B., Rothbaum, B. O., & Etkin, A. (2015). Neural mechanisms of psychotherapy for PTSD: emotional reactivity and regulation. Poster presented at the annual conference for the American College of Neuropsychopharmacology; Hollywood, Florida, USA.

Fonzo, G.A., Goodkind, M., Oathes, D., Patenaude, B., Zaiko, Y., Peng, K., Harvey, M., & Etkin, A. (2015). Neural responses to conflict distinguish the PTSD dissociative subtype. Poster presented at the annual conference for the Society of Biological Psychiatry; Toronto, Ontario, Canada.

Oathes, D. J., Goodkind, M., Fonzo, G. A., Zaiko, Y., Akingbade, I. F., Peng, K., Harvey, M., & Etkin, A. (2015). Concurrent TMS/fMRI defined causal amygdala control and abnormalities in PTSD. Poster presented at the annual conference for the Society of Biological Psychiatry; Toronto, Ontario, Canada.

Huemer, J., Gyurak, A., Patenaude, B., Zaiko, Y., Peng, K., Harvey, M., Fonzo, G. A., Goodkind, M., & Etkin, A. (2015). Specific and general deficits in cognitive functions among MDD, PTSD, and healthy controls: behavioral and resting-state evidence. Oral presentation at the annual conference for the Society of Biological Psychiatry; Toronto, Ontario, Canada.

Fonzo, G. A., Ramsawh, H., Flagan, T., Sullivan, S., Letamendi, A., Simmons, A. N., Paulus, M. P., & Stein, M. B. (2011). Common and specific limbic dysfunction in generalized anxiety, social anxiety, and panic disorders

during emotional face processing. Poster presented at the annual conference for the Society of Biological Psychiatry; San Francisco, California.

Fonzo, G.A., Flagan, T. M., Sullivan, S., Allard, C. B., Grimes, E. M., Simmons, A. N., Paulus, M. P., & Stein, M. B. (2010). Childhood maltreatment is associated with anterior insula response to social cues of fear in women with intimate-partner violence PTSD. Poster presented at 2010 annual conference of the Society for Neuroscience; San Diego, California.

Aupperle, R. L., Ramsawh, H., Flagan, T., Sullivan, S., Fonzo, G., Letamendi, A., Simmons, A., Paulus, M. P., & Stein, M. B. (2010). Generalized anxiety disorder, social anxiety disorder, and panic disorder: Common and unique neural substrates of anticipation. Poster presented at 2010 annual conference of the Society for Neuroscience; San Diego, California.

Ball, T. M., Ramsawh, H., Letamendi, A. M., Sullivan, S., Flagan, T., Fonzo, G., Campbell-Sills, L., Paulus, M. P., & Stein, M. B. (2010). Neural substrate evidence for disorder-specific dysfunction of emotion regulation in anxiety disorders. Poster presented at 2010 annual conference of the Society for Neuroscience; San Diego, California.

Fonzo, G. A., Simmons, A.N., Paulus, M.P., & Stein, M.B. (2010). Disruption of limbic networks in anxiety shaped by childhood emotional maltreatment: Generalizable pattern of dysfunction while processing threat-related emotional faces. Poster presented at the annual conference for the Anxiety Disorders Association of America; Baltimore, Maryland.