

Gregory A. Fonzo, Ph.D.

Postdoctoral Research Fellow
Department of Psychiatry & Behavioral Sciences
Stanford University School of Medicine &
Sierra Pacific Mental Illness Research, Education, and Clinical Center (MIRECC)
VA Palo Alto Healthcare System
CA Licensed Clinical Psychologist, PSY27812
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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 & VA Palo Alto Healthcare System
401 Quarry Road, MC 5722, Stanford, CA 94305
Department of Psychiatry and Behavioral Sciences
Postdoctoral Fellow
Supported by: T32 Biobehavioral Research Fellowship (2013-2015), VA MIRECC
Advanced Fellowship in Mental Illness (2017-Present)
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 2010 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 Etkin Lab
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.

Utilized functional neuroimaging to assess neural mechanisms of novel and evidence-based interventions for post-traumatic stress disorder and major depressive disorder. Piloted the first randomized clinical trial to test cognitive training as a novel intervention for PTSD.

- 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

- Feb. 2017-Present **Biomarker Estimation for Superior Treatment in PTSD**
Duties: Assessment of PTSD using Clinician-Administered PTSD Scale (CAPS) and Structured Clinical Interview for DSM-IV Diagnosis (SCID). Supervision of other clinical psychologists and research associates. Construction and validation of composite psychometric measures for PTSD incorporating both DSM-IV and DSM-5 diagnostic criteria.
- 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 Clinician-Administered PTSD Scale (CAPS) and Structured Clinical Interview for DSM-IV Diagnosis (SCID); Administration of prolonged exposure (PE) therapy in a research setting
- Sept. 2013-Aug. 2015 **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, Supervision, and Mentoring Experience

- August 2003-June 2004 Center for Undergraduate Research Opportunities (CURO)
Senior Peer Advisor
Chosen as one of two individuals to continue association with the CURO Research Apprentice Program in their third year in order to assist and mentor new apprentices entering the program. Co-taught a weekly hour-long seminar on research methodology. Met in 1 to 1 meetings with research apprentices to provide guidance and mentorship.
- 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 delivered on 5/30/14 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 delivered on 11/18/15 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.
- Oct 2014 – Present Clinical Supervisor, Etkin Lab Clinical Psychology Practicum in Clinical Assessment
Individual and group supervision of clinical psychology doctoral students from Bay Area programs such as PGSP/Stanford PsyD Consortium, Palo Alto University, the Wright Institute, and University of San Francisco. Supervision of students on clinical care and assessment of mood, anxiety, and traumatic stress disorders using informal psychosocial interview and standardized clinical and neuropsychological assessment tools. Topics discussed include differential diagnosis, scoring and interpretation of standardized instruments, integration of research and clinical practice, professional development, and patient care both in and outside the context of research.
- Nov 2015 – Dec 2017 Dissertation Committee Chair for Joseph Choy, Ph.D., The Wright Institute
Joseph was a PhD candidate for a doctorate in clinical psychology. I served as his Dissertation Committee Chair for his proposal entitled “Emotion regulation and cognitive training for PTSD.” Dissertation defended on December 15th, 2017.

Select Honors, Awards, and Scholarships

- 2018 Domestic Travel Fellowship Award, Society of Biological Psychiatry
- 2017 Post-Travel Award Underrepresented Minority Additional Funding Award, Annual Conference of the American College of Neuropsychopharmacology (ACNP)
- 2016 Travel Award, Annual Conference of the American College of Neuropsychopharmacology (ACNP)
- Top 10 Reviewer (#4) for *Neuropsychopharmacology*, 2015
- Alumni of 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 (month/year – present): JAMA Psychiatry (12/17), Biological Psychiatry (3/12); Neuropsychopharmacology (10/14); Psychological Medicine (9/15); Biological*

Psychiatry: Cognitive Neuroscience and Neuroimaging (2/17); Journal of the American Academy of Child and Adolescent Psychiatry (2/18); Emotion (6/16); Social, Cognitive, and Affective Neuroscience (7/16); Psychiatry Research: Neuroimaging (10/13); Biological Psychology (1/15); Neuroimage (6/15); Depression and Anxiety (10/11); Biology of Mood and Anxiety Disorders (4/11); PLoS One (2/14); Journal of Psychiatric Research (9/13); Journal of Affective Disorders (1/17); Neuroimage: Clinical (1/17); Neuroscience Letters (2/15); Nature: Scientific Reports (8/16); Psychology and Neuroscience (6/15); Cognitive, Affective & Behavioral Neuroscience (12/15)

- Invited reviewer for grant proposals submitted to Vienna Science and Technology Fund (WWTF) in the field of Cognitive Sciences, 2015.

Select Clinical Skills and Training

- Expertise delivering empirically supported cognitive-behavioral treatments for the entire spectrum of anxiety disorders, obsessive-compulsive disorder, hoarding disorder, depression, and post-traumatic stress disorder.
- Trained and proficient in delivery of specialized packaged treatments for PTSD such as cognitive processing therapy (group and individual), prolonged exposure, eye movement desensitization and reprocessing (Level 1 certification from the EMDR International Association), and Seeking Safety.
- Highly proficient in delivery of standardized clinical and neuropsychological assessment tools such as the Clinician-Administered PTSD Scale (CAPS), Structured Clinical Interview for DSM Diagnosis (SCID), Wechsler Adult Intelligence Scale (WAIS-IV), Wechsler Abbreviated Scale of Intelligence (WASI-II), Wechsler Memory Scale (WMS-IV), California Verbal Learning Test (CVLT), Delis-Kaplan Executive Function System (DKEFS), Repeatable Battery for the Assessment of Neuropsychological Status (RBANS), Rey-Osterrieth Complex Figure (Rey-O), Wide-Range Achievement Test-4 (WRAT-4), Peabody Individual Achievement Test (PIAT), FAS verbal fluency, Woodcock Johnson Test of Cognitive Abilities, Trail Making Test, and the Halstead Reitan Neuropsychological Test Battery.
- Expertise in delivery of third-wave cognitive-behavioral treatments such as mindfulness based cognitive therapy (MBCT), acceptance and commitment therapy (ACT), and dialectical behavior therapy (DBT).
- Experience working with diverse clinical and cultural populations including veterans, severe mental illness, borderline personality disorder, trans-gendered individuals, students, children and adolescents, and inpatient substance-dependent individuals.

Grants

- K23 Mentored Patient-Oriented Research Career Development Award: “Computational neuroimaging of reward in post-trauma psychopathology.” National Institute of Mental Health, To Be Awarded June 2018. Total Direct & Indirect Costs: \$975,220.

Professional Publications

Research Articles

Fonzo, G. A., Goodkind, M. S., Oathes, D. J., Zaiko, Y. V., 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. (2017). PTSD psychotherapy outcome predicted by brain activation during emotional reactivity and regulation. *American Journal of Psychiatry*, 174 (12), 1163-1174.

Fonzo, G. A., Goodkind, M. S., Oathes, D. J., Zaiko, Y. V., 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. (2017). Selective effects of

psychotherapy on frontopolar cortical function in post-traumatic stress disorder. *American Journal of Psychiatry*, 174 (12), 1175-1184.

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. (2016). Early life stress and the anxious brain: evidence for a neural mechanism linking childhood emotional maltreatment to anxiety in adulthood. *Psychological Medicine*, 46(5): 1037–1054

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*, 10(3): 730–738.

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*, 8(2):e52970. 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, & E. Gibbings (Eds.), *Mental Health Issues of Child Maltreatment*. St. Louis, MO: STM Learning, Inc., pg. 37-62.

Invited Professional Publications

Fonzo, G. A. & Etkin, A. (2017). Affective neuroimaging of generalized anxiety disorder: an integrated review. *Dialogues in Clinical Neuroscience*, 19(2).

Etkin, A., & **Fonzo, G. A.** (2017). Learning in generalized anxiety disorder benefits from neither the carrot nor the stick. *American Journal of Psychiatry*, 174(2), 87-88.

Fonzo, G. A. & Etkin, A. (2016). Brain connectivity reflects mental and physical states in generalized anxiety disorder. *Biological Psychiatry*, 80(10), 733-735.

Manuscripts Under Review or Revision

Research Articles

Etkin, A.* , Katz, A. M., Wu, W., **Fonzo, G. A.***, Huemer, J.* , Vértes, P.* , Patenaude, B.* , 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 revision at *Science Translational Medicine*. *Equal contributions as first authors.

Etkin, A.* , **Fonzo, G. A.***, Zhang, Y.* , Cooper, C., Chinn-Fatt, C., Jha, M. K., Trombello, J., Deckersbach, T., Adams, P., McInnis, M., McGrath, P. J., Weissman, M. M., Fava, M., Trivedi, M. H. Brain regulation of emotional conflict moderates antidepressant treatment outcome. Under review at *JAMA*. *Equal contributions as first authors.

Professional Presentations

Invited

Corticolimbic mechanisms of affective disorder vulnerability, expression, and treatment. Presented at Department of Psychiatry and Human Behavior Grand Rounds at University of California, Irvine School of Medicine, Orange, California, USA. April 4th, 2018.

Professional Conference Poster Presentations

Fonzo, G. A., Cooper, C. M., Chin Fatt, C., Jo, B., Trivedi, M., & Etkin, A. (2018). Brain responses during implicit regulation of emotional salience moderate antidepressant treatment response in major depression: Findings from the EMBARC study. Poster presented at the annual conference for the Society of Biological Psychiatry. New York, New York, USA.

Cooper, C.M., Chin Fatt, C., **Fonzo, G. A.**, Jha, M., Grannemann, B., Aslan, S., Almedia, J., Deckersbach, T., Fava, M., Kurian, B., McGrath, P., McInnis, M., Parsey, R., Weissman, M. M., Phillips, M., Lu, H., Etkin, A., & Trivedi, M. H. (2018). Cerebral blood perfusion predictors of antidepressant response in major depressive disorder. Poster presented at the annual conference for the Society of Biological Psychiatry. New York, New York, 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., Mills-Finnerty, C., Rosenberg, B., Edelstein, R., Wright, R. N., Kole, C., Rothbaum, B. O., & Etkin, A. (2017). Reorganization of resting state connectivity patterns

following psychotherapy for PTSD. Poster presented at the annual conference for American College of Neuropsychopharmacology, Palm Springs, California, 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., Mills-Finnerty, C., Rosenberg, B., Edelstein, R., Wright, R. N., Kole, C., Rothbaum, B. O., & Etkin, A. (2017). The effects of psychotherapy on amygdalar subregional functional connectivity in PTSD. Poster presented at the annual conference for the Society of Biological Psychiatry, San Diego, California, USA.

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. A.**, 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. A.**, 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.