

Jennifer Fanning, Ph.D.

McLean Hospital
Center for Depression, Anxiety and Stress Research
de Marneffe Building, Mailstop 334
115 Mill Street
Belmont, MA 02478
(617) 855-4170
jrfanning@mclean.harvard.edu

Education

Ph.D., Clinical Psychology, University of Southern Mississippi, Hattiesburg, MS, US 10/2008-8/2011
Dissertation: An electrophysiological investigation of the cognitive processes underlying provoked aggression in humans

M.A., Psychology, University of Southern Mississippi, Hattiesburg, MS, US 8/2006-10/2008

B.A., Loyola University, New Orleans, LA, US 8/2001-5/2005

Postdoctoral Training

Postdoctoral Scholar 9/2013-2/2016
Clinical Neuroscience and Research Psychopharmacology Unit
Department of Psychiatry and Behavioral Neurosciences
University of Chicago, Chicago, IL

Postdoctoral Fellow 9/2011-9/2013
Advanced Fellowship in Mental Illness Research and Treatment
National Center for PTSD, Clinical Neurosciences Division, West Haven, CT
Yale School of Medicine, Department of Psychiatry

Predocotoral Psychology Internship 9/2010-8/2011
VA Connecticut Healthcare System, West Haven, CT

Licensure

Rhode Island, #PS01396, Expiration 6/30/2014

Illinois, #071.009416, Expiration 9/30/2020

Academic and Leadership Appointments

Associate Research Psychologist 11/2018-
Center for Depression, Anxiety and Stress Research
McLean Hospital, Psychiatric Affiliate of Harvard Medical School, Belmont, MA

Pathways to Independence Instructor 2/2016-10/2018
Department of Psychiatry and Behavioral Neuroscience

University of Chicago, Chicago, IL

Other Relevant Employment and Clinical Activities

Clinician, Outpatient Psychiatry Clinic, University of Chicago Hospitals, Chicago, IL	8/2017-Present
Clinician, PTSD Clinic, VA Connecticut Healthcare System, West Haven, CT	9/2011-8/2013
Clinician, Psychiatric Emergency Room, VA Connecticut Healthcare System, West Haven, CT	4/2013-8/2013
Clinician, Predoctoral Psychology Internship, VA Connecticut Healthcare System, West Haven, CT	9/2010-8/2011
Clinician Extern, Forrest County District Attorney Community Service Diversionary Program, Hattiesburg, MS	9/2009-8/2010
Clinician Extern, Pine Belt Mental Healthcare Resources, Hattiesburg, MS	9/2008-9/2009
Clinician Extern, South Mississippi State Hospital, Purvis, MS	6/2008-8/2008
Graduate Clinician, University of Southern Mississippi Clinical Psychology Department Clinic, Hattiesburg, MS	8/2007-1/2010

Honors and Awards

NIH Loan Repayment Program	2017-
ACNP Travel Award, American College of Neuropsychopharmacology	2016
NSF Travel Award, Society for Social Neuroscience	2016
Chair's Choice Travel Award, Society of Biological Psychiatry	2016
Injury Control Research Center for Suicide Prevention (ICRC-S) Travel Grant	2013
Young Investigator Award, International Society for Research on Aggression	2010
Doctoral Dissertation Award, University of Southern Mississippi Office of Graduate Studies	2009
Excellence in Research Award, University of Southern Mississippi Clinical Psychology Department	2008
American Psychological Association Travel Grant	2008

Professional Memberships and Activities with Leadership Positions

Member, American Psychological Association	Current
Member, International Society for Research on Aggression	Current

Educational Activities

Educational Administration and Leadership

Application Reviewer and Interviewer, Psychology Internship, University of Chicago, Department of Psychiatry and Behavioral Neuroscience	2014-2018
Member, Grand Rounds Selection Committee, University of Chicago, Department of Psychiatry and Behavioral Neuroscience	2016

Member, Trauma Interest Workgroup, University of Chicago, Department of Psychiatry and Behavioral Neuroscience 2016-2018

Teaching Activities

Cognitive Behavioral Treatment of Anger Disorders. Seminar, CBT Seminar Series, University of Chicago, Department of Psychiatry and Behavioral Neuroscience 2014-2016

Neuroanatomy of the Limbic System. Seminar, Neuropsychology Externship Neuroanatomy Seminar Series, University of Chicago Department of Psychiatry and Behavioral Neuroscience 10/2015

Bootstrapping Method in Structural Equation Modeling. Seminar, Structural Equation Modeling Course, University of Southern Mississippi 9/2009

Clinical Teaching and Supervision

Research Diagnostic Supervisor, CNPRU Lab, University of Chicago Department of Psychiatry and Behavioral Neuroscience 9/2013-Present

Advising and Mentoring

Students

Blake Anderson, Metcalf Internship Program; Role: Research supervisor Current position: University of Chicago Undergraduate 2016-2017

Nicole Sullivan, Master of Arts Program in the Social Sciences (MAPSS) University of Chicago; Role: Reader /Thesis Supervisor Current Position: Business Process and Data Analyst, City of Minneapolis 2016-2017

Grants

Current

NIMH 1K23MH109824-01A1. PI: J. Fanning 10/2016-8/2020

Title: Neural mechanisms mediating trauma and aggression

Description: The goal of this study is to identify the neural correlates of impulsive aggression in trauma-exposed adults, using fMRI.

Total costs: \$704,835

Direct costs: \$652,624

Indirect costs: \$ \$52,211

Role: PI; 90% effort

NARSAD Young Investigator Grant. PI: J. Fanning 1/2018-10/2021

Title: Neural dynamics of cognitive control in PTSD

Description: The goal of this study is to identify neural correlates of cognitive control in trauma-exposed adults, using fMRI and EEG.

Total costs: \$70,000

Direct costs: \$70,000

Role: PI; 2% effort

Completed

NIH NCATS KL2TR000431. Role: Scholar. PI: J. Solway.

3/2016-9/2016

Title: Neural mechanisms underlying trauma and aggression

Description: The goal of this funding is to support the investigator in collecting pilot data for NIH applications on the brain regions implicated in impulsive aggression in trauma-exposed adults.

Total costs: \$45,000

Direct costs: \$45,000

Role: Scholar; 75% effort

Publications

Peer-reviewed publications

Fanning, J. R., Coleman, M, Lee, R., & Coccaro, E. F. (In press). Subtypes of aggression in intermittent explosive disorder. *Journal of Psychiatric Research*.

Timmins, M. A., Berman, M. E., Nadorff, M. R., Amadi, S. C., **Fanning, J. R.**, & McCloskey, M. S. (In press). Does state dissociation mediate the relation between alcohol intoxication and deliberate self-harm? *Archives of Suicide Research*.

Salem, T., Winer, S., Jordan, G., Nadorff, M. R., **Fanning, J. R.**, Bryan, J., Berman, M. E., & Veilleux, J. C. (In press). Anhedonia and the relation between other depression and aggressive behavior. *Journal of Interpersonal Violence*.

Coccaro, E. F., Cremers, H., **Fanning, J. R.**, Nosal, E., Lee, R., Keedy, S., & Jacobson, K. (2018). Reduced frontal grey matter volume, life history of aggression, and underlying genetic influence. *Psychiatry Research: Neuroimaging*, 271: 126-134. doi:10.1016/j.pscychresns.2017.11.007.

Zhang, Z., **Fanning, J. R.**, Ehrlich, D., Chen, W., Lee, D., & Levy, I. (2017). Distributed neural representation of saliency-controlled value and category during anticipation of rewards and punishments. *Nature Communications*, 8: 1907. doi: 10.1038/s41467-017-02080-4.

Fanning, J. R., Keedy, S., Berman, M. E., Lee, R., & Coccaro, E. F. (2017). Neural correlates of aggressive behavior in real time: A review of fMRI studies of laboratory reactive aggression. *Current Behavioral Neuroscience Reports*, 4: 138-150.

Berman, M. E., **Fanning, J. R.**, Guillot, C. R., Marsic, A., Bullock, J., Nadorff, M., & McCloskey, M. S. (2017). Effects of alcohol dose on deliberate self-harm in men and women. *Journal of Consulting and Clinical Psychology*, 85: 854-861.

Coccaro, E. F., **Fanning, J. R.**, Fisher, E. F., Couture, L., & Lee, R. (2017). Social and emotional information processing in adults: Development and psychometrics of a computerized assessment in healthy controls and aggressive individuals. *Psychiatry Research*, 248: 40-47. doi: 10.1016/j.pscychres.2016.11.004

Coccaro, E. F., **Fanning, J. R.**, & Lee, R. (2017). Intermittent explosive disorder and substance use disorder: Analysis of the National Comorbidity Study Replication Sample. *Journal of Clinical Psychiatry*, 75: 62-67. doi: 10.1016/j.comppsy.2017.02.011

Coccaro, E. F., **Fanning, J. R.**, & Lee, R. (2017). Development of a social emotional information processing assessment for adults (SEIP-Q). *Aggressive Behavior*, 43: 47-59. doi: 10.1002/ab.21661

Fanning, J. R., Lee, R., & Coccaro, E. F. (2016). Comorbid intermittent explosive disorder and posttraumatic stress disorder: Clinical correlates and relationship to suicidal behavior. *Comprehensive Psychiatry*, 70: 125-133. doi: 10.1016/j.comppsy.2016.05.018.

Coccaro, E. F., Keedy, S. K., Gorka, S. M., King, A. C., **Fanning, J.R.,** Lee, R., & Phan, K. L. (2016). Differential fMRI BOLD responses in amygdala in intermittent explosive disorder as a function of past alcohol use disorder. *Psychiatry Research*, 257: 5-10. doi: 10.1016/j.psychres.2016.09.001

Coccaro, E. F., **Fanning, J. R.,** Keedy, S., & Lee, R. (2016). Social cognition in intermittent explosive disorder and aggression. *Journal of Psychiatric Research*, 83: 140-150. doi: 10.1016/j.jpsychires.2016.07.010.

Lee, R., Arfanakis, K., Evia, A., **Fanning, J. R.,** Keedy, S., & Coccaro, E. F. (2016). White matter integrity reductions in intermittent explosive disorder. *Neuropsychopharmacology*, 14: 2697-2703. doi: 10.1038/npp.2016.74

Coccaro, E. F., Lee, R., **Fanning, J. R.,** Fuchs, D., Gojny, M., Erhardt, S., et al. (2016). Tryptophan, kynurenine, and kynurenine metabolites: Relationship to lifetime aggression and inflammation markers in human subjects. *Psychoneuroendocrinology*, 71: 189-196. doi: 10.1038/npp.2016.74

Coccaro, E. F., Fridberg, D., **Fanning, J. R.,** Grant, J., King, A., & Lee, R. (2016). Substance use disorders: Relationship with intermittent explosive disorder and with aggression, anger, and impulsivity. *Journal of Psychiatric Research*, 81: 127-132. doi: 10.1016/j.jpsychires.2016.06.011.

Lee, R., **Fanning, J. R.,** & Coccaro, E. F. (2016). GH response to intravenous clonidine challenge correlates with history of childhood trauma in personality disorder. *Journal of Psychiatric Research*, 76: 38-43. doi: 10.1016/j.jpsychires.2015.11.009

Fanning, J. R., Lee, R., Gozal, D., Coussons-Read, M., & Coccaro, E. F. (2015). Childhood trauma and parental style: Relationship with markers of inflammation, oxidative stress, and aggression in healthy and personality disordered subjects. *Biological Psychology*, 11: 56-65. doi: 10.1016/j.biopsycho.2015.09.003

Coccaro, E. F., **Fanning, J. R.,** Phan, K. L., and Lee, R. (2015). Serotonin and impulsive aggression. *CNS Spectrums*. 20: 295-302. doi: 10.1017/S1092852915000310

Coccaro, E. F., Solis, O., **Fanning, J. R.,** and Lee, R. (2015). Emotional intelligence and impulsive aggression in intermittent explosive disorder. *Journal of Psychiatric Research*. 61: 135-140. doi: 10.1016/j.jpsychires.2014.11.004

Guillot, C. R., **Fanning, J. R.,** Liang, T., Leventhal, A. M., and Berman, M. E. (2015). An α -synuclein gene (SNCA) polymorphism moderates the association of PTSD symptomatology with hazardous alcohol use, but not with aggression-related measures. *Journal of Anxiety Disorders*. 30: 41-47. doi: 10.1016/j.janxdis.2014.12.007

Fanning, J. R., Meyerhoff, J. J., Lee, R., and Coccaro, E. F. (2014). History of childhood maltreatment in intermittent explosive disorder. *Journal of Psychiatric Research*. 56: 10-17. doi: 10.1016/j.jpsychires.2014.04.012

Guillot, C. R., **Fanning, J. R.,** Liang, T., and Berman, M. E. (2014). COMT associations with disordered gambling and drinking measures. *Journal of Gambling Studies*. 31: 513-524. doi: 10.1007/s10899-013-9434-1

Fanning, J. R., Berman, M. E., and Long, J. L. (2014). P3 and provoked aggressive behavior. *Social Neuroscience*. 9: 118-129. doi: 10.1080/17470919.2013.866596

Guillot, C. R., **Fanning, J. R.**, Liang, T., and Berman, M. E. (2014). Evidence of a role for SNCA in impulse control in humans. *Neurogenetics*. 15: 77. doi: 10.1007/s10048-013-0379-4

Fanning, J. R., Guillot, C. R., McCloskey, M. E., Marsic, A., and Berman, M. E. (2014). Serotonin (5-HT) augmentation reduces provoked aggression associated with primary psychopathy traits. *Journal of Personality Disorders*. 28: 449-461. doi: 10.1111/j.1467-9280.2009.02355

Fanning, J. R. and Pietrzak, R. H. (2013). Suicidality among older male veterans in the United States: Results from the National Health and Resilience in Veterans Study. *Journal of Psychiatric Research*. 47: 1766-1775. doi: 10.1016/j.jpsychires.2013.07.015

Fiszdon, J. M., **Fanning, J. R.**, Johannesen, J. K., Bell, M. D. (2012). Social cognitive deficits in schizophrenia and their relationship to clinical and functional status. *Psychiatry Research*. 205: 25-29. doi: 10.1016/j.psychres.2012.08.041

Fanning, J. R., Berman, M. E., and Guillot, C. R. (2012). Social anhedonia and aggressive behavior. *Personality and Individual Differences*. 53: 868-873.

Fanning, J. R., Bell, M. D., and Fiszdon, J. M. (2012). Is it possible to have impaired neurocognition but good social cognition in schizophrenia? *Schizophrenia Research*. 135: 68-71. doi: 10.1016/j.schres.2011.12.009

Fanning, J. R., Berman, M. E., Mohn, R. S., and McCloskey, M. S. (2011). Perceived threat mediates the relationship between psychosis proneness and aggressive behavior. *Psychiatry Research*. 186: 210-218. doi: 10.1016/j.psychres.2010.09.010

Guillot, C. R., **Fanning, J. R.**, Bullock, J. S., McCloskey, M. S., and Berman, M. E. (2010). Effects of alcohol intoxication on executive functioning: A study of dosing effects. *Experimental and Clinical Psychopharmacology*. 18: 409-417. doi: 10.1037/a0021053

Berman, M. E., McCloskey, M. S., **Fanning, J. R.**, Schumacher, J. A., and Coccaro, E. F. (2009). Serotonin (5-HT) augmentation reduces response to attack in aggressive individuals. *Psychological Science*. 20: 714-720. doi: 10.1111/j.1467-9280.2009.02355

Berman, M. E., Bradley, T. P., **Fanning, J. R.**, and McCloskey, M. S. (2009). Self-focused attention reduces self-injurious behavior in alcohol-intoxicated men. *Substance Use and Misuse*. 44: 1280-1297. doi: 10.1080/10826080902961328

Books & Chapters

Fanning, J. R. and Pasetes, L. (In press). Psychological trauma and intermittent explosive disorder. In Coccaro, E. F. and McCloskey, M. *Intermittent Explosive Disorders*. Philadelphia, PA: Elsevier.

Fanning, J. R. (In press). Anger and aggression in posttraumatic stress disorder. In Coccaro, E. F. and McCloskey, M. *Aggression: Clinical Features and Treatment Across the Diagnostic Spectrum*. Washington, DC: American Psychiatric Association Publishing.

Fanning, J. R., Lee, R., and Coccaro, E. F. (In press). Neurotransmitter function in impulsive aggression and intermittent explosive disorder. In Felthous, A. *International Handbook of Psychopathic Disorders and Law (2nd Ed)*. Boston: Wiley-Blackwell.

Fanning, J. R. and Coccaro, E. (2018). Neurotransmitter function in personality disorder. In: Livesly, W. J. *Handbook of Personality Disorders (2nd Ed.)*. New York: Guilford Press.

Lee, R., **Fanning, J. R.**, and Coccaro, E. F. (2018). Clinical neuroscience of impulsive aggression. In

Schmahl, C., Friedel, R., and Phan K. L. *Neurobiology of Personality Disorders* (1st Ed.). Oxford University Press.

Fanning, J. R. and Coccaro E. 2016. Neurobiology of impulsive aggression. In: Kleespies, P. M. *The Oxford Handbook of Behavioral Emergencies and Crises*. New York: Oxford University Press.

Coccaro, E. F., **Fanning, J. R.**, Phan, K. L., and Lee, R. (2016). Serotonin and impulsive aggression. In: Warburton, K. D., and Stahl, S. M. *Violence in Psychiatry*. Cambridge: Cambridge University Press.

Invited Presentations, Posters & Abstracts

International

Fanning, J. R., Sullivan, N., Berman, M. E., & Lee, R. (2018, Paris, France). Reduced stimulus evaluation of ambiguous faces in aggressive individuals. Paper presented at the *International Society for Research on Aggression* conference.

Berman, M. E., McCloskey, M. S., **Fanning, J. R.**, Barclay, N., Nelson, R. K.. (2018, Paris, France). Pain and aggression in humans. Paper presented at the *International Society for Research on Aggression* conference.

Fanning, J.R. (2017, November). *Neural mechanisms of reactive aggression in PTSD: A pilot study*. Poster accepted at the 33rd annual meeting of the International Society of Traumatic Stress Studies, Chicago, IL.

Fanning, J.R., Guillot, C. R., & Berman, M. E. (2014, July). *Effects of alcohol administration and posttraumatic stress disorder symptoms on self-aggressive behavior*. Poster session presented at the 21st biennial meeting of the International Society for Research on Aggression, Atlanta, GA.

Fanning, J. R., Berman, M. E., Mohn, R. S., & McCloskey, M. S. (2010, July). *A new approach to examining the electrophysiological processes underlying reactive aggression in real time: The aggression oddball task*. Poster session presented at the 19th biennial meeting of the International Society for Research on Aggression, Storrs, CT.

Fanning, J. R., Todd, R. E., Berman, M. E., & McCloskey, M. S. (2010, July). *Psychopathy, aggression, and serotonin (5-HT)*. Symposium presentation at the 19th biennial meeting of the International Society for Research on Aggression, Storrs, CT.

National

Fanning, J. R., Pasetes, L., Okuneye, V., Wren-Jarvis, J., Keedy, S. (2018, December). *Neural correlates of provoked aggression and PTSD: Preliminary findings*. Poster to be presented at the 57th annual meeting of the American College of Neuropsychopharmacology, Hollywood, FL.

Fanning, J. R., Berman, M. E., Lee, R., & Coccaro, E. F. (2016, December). *Psychophysiological source activity and coherence during an aggression paradigm*. Poster presented at the 55th annual meeting of the American College of Neuropsychopharmacology, Hollywood, FL.

Fanning, J. R., Lee, R., Berman, M. E., Romay, R., & Coccaro, E. F. (2016, May). *Abnormal recruitment of cognitive control processes in intermittent explosive disorder during an aggressive interaction*. Poster presented at the 71st annual meeting of the Society of Biological Psychiatry, Atlanta, GA.

Fanning, J. R., Lee, R., Berman, M. E., & Coccaro, E. F. (2015, December). *Psychophysiological correlates of escalating and de-escalating behavior during an aggressive interaction*. Poster session presented at the 54th annual meeting of the American College of Neuropsychopharmacology, Hollywood, FL.

Lee, R., **Fanning, J. R.,** Romay, R., & Towle, V. L. (2015, December). A high density EEG study of shared attention and visual perspective taking. Poster session presented at the 54th annual meeting of the American College of Neuropsychopharmacology, Hollywood, FL.

Fanning, J. R., Lee, R., Berman, M. E., & Coccaro, E. F. (2015, October). *Psychophysiological correlates of impulsive aggression in real time*. Poster session presented at the 45th annual meeting of the Society for Neuroscience, Chicago, IL.

Berman, M.E., **Fanning, J. R.,** Uyeji, L., Asserman, B. A., Kulper, D., & McCloskey, M. S. (2014, May). *Using laboratory-based methods and paradigms to understand the neuroscience of human aggression*. Symposium presentation at the 26th Annual Meeting of the Association for Psychological Science, San Francisco, CA.

Fanning, J.R., Berman, M.E. (2013, June). *What is the role of serotonin in psychopathy-related aggression? Experimental findings and implications for treatment*. Symposium presentation at the 5th biennial meeting of the Society for the Scientific Study of Psychopathy, Washington, DC.

Fanning, J. R., Fiszdon, J., & Berman, M. E. (2011, September). *Psychophysiological response to threat in positive schizotypy, negative schizotypy, and control individuals*. Poster session presented at the 25th annual meeting of the Society for Research in Psychopathology, Boston, MA.

Weinman, E., Todd, R. E., **Fanning, J. R.** & Berman, M. E. (2011, May). *Comparison of borderline and antisocial personality traits as predictors of self and other directed aggression*. Poster session presented at the 23rd annual convention of the Association for Psychological Science, Washington, DC.

Fanning, J. R., Berman, M. E., Mohn, R. S., & McCloskey, M. S. (2010, August). *Do threat/control-override experiences mediate the psychosis proneness and aggression relationship?* Poster session accepted to the 118th annual meeting of the American Psychological Association, San Diego, CA.

Fanning, J. R., Marsic, A., & Berman, M. E. (2009, November). *Self-injury history, borderline and antisocial personality disorders, and self-aggression*. Poster session accepted to the 43rd annual meeting of the Association for Behavioral and Cognitive Therapies, New York, NY.

Marsic, A., **Fanning, J. R.,** Bullock, J. S., & Berman, M. E. (2009, November). *The relationship between negative emotional states and suicidal and self-harm behaviors*. Poster session presented at the 43rd annual meeting of the Association for Behavioral and Cognitive Therapies, New York, NY.

Fanning, J. R., Marsic, A., Berman, M. E., & Mohn, R. S. (2009, May). *Psychosis proneness, aggression, and threat/control-override experiences*. Poster session accepted to the 21st annual meeting of the Association for Psychological Science, San Francisco, CA.

Marsic, A., **Fanning, J. R.,** & Berman, M. E. (2009, May). *Relationship between personality disorders, psychopathy, and aggression in a community sample*. Poster session presented at the 21st annual meeting of the Association for Psychological Science, San Francisco, CA.

McCloskey, M., Noblett, K., Chen, E., Pajoumand, G., Kleabir, K., **Fanning, J.,** & Berman, M. (2008, November). *The efficacy of cognitive behavioral treatment on behavioral measures of aggression and impulsivity among patients with Intermittent Explosive Disorder*. Poster session presented at the 42nd annual meeting of the Association for Behavior and Cognitive Therapy, Orlando, FL.

Fanning, J. R., Berman, M. E., McCloskey, M. S., Guillot, C. R., & Bullock, J.S. (2008, August). *Social anhedonia and aggressive behavior*. Poster session presented at the 116th annual meeting of the American Psychological Association, Boston, MA.

Fanning, J. R., Berman, M. E., McCloskey, M. S., & Marsic, A. (2008, August). *Aggressive behavior and attentional bias for provocative stimuli*. Poster session presented at the 116th annual meeting of the American Psychological Association, Boston, MA.

Guillot, C. R., Bullock, J. S., **Fanning, J. R.**, & Berman, M. E. (2008, August). *Effects of alcohol intoxication on Wisconsin Card Sorting Test performance*. Poster session presented at the 116th annual meeting of the American Psychological Association, Boston, MA.

Marsic, A., **Fanning, J. R.**, McCloskey, M. S., Berman, M. E. (2008, August). *Effects of alcohol on self-aggression in women*. Poster session presented at the 116th annual meeting of the American Psychological Association, Boston, MA.

Fanning, J. R., Berman, M. E., Bradley, T. P., Bracken, K. L., Guillot, C. R., & Bullock, J. S. (2007, May). *Alcohol intoxication and self-aggressive behavior in men*. Poster session presented at the 19th annual meeting of the Association for Psychological Science, Washington, DC.

Guillot, C. R., Berman, M. E., Bullock, J. S., Taylor, D., & **Fanning, J. R.** (2007, May). *Impaired executive function in alcohol-intoxicated individuals*. Poster session presented at the 19th annual meeting of the Association for Psychological Science, Washington, DC.

Regional

Fanning, J. R. (2018). Aggression in PTSD: Clinical features and neurobiology. Grand Rounds: Rush University, Department of Psychiatry, Chicago, IL.

Fanning, J. R. (2017). Neural mechanisms of aggressive behavior in humans. Grand Rounds, University of Chicago Department of Psychiatry and Behavioral Neuroscience, Chicago, IL.

Nittala, S., Sullivan, N., Lee, R., Towle, V. L., & **Fanning, J. R.** (2018, April). Perceiving rare and neutral faces: A study of the P300. Presented at the *Wisconsin Symposium on Emotion*, University of Wisconsin; Madison, Wisconsin.

Fanning, J. R., Berman, M. E. (2008, March). *Social anhedonia and aggressive behavior*. Poster session presented at the 1st annual Graduate Student Research Symposium, Hattiesburg, MS.

Marsic, A., **Fanning, J. R.**, Marcus, D. K., & Berman M. E. (2008, September). *Relation between psychopathic tendencies and suicidal ideation in research volunteers*. Poster session presented at 58th annual meeting of the Mississippi Psychological Association Convention, Tunica, MS.

Guillot, C. R., **Fanning, J. R.**, Bullock, J. S., and Berman, M. E. (2007, September). *Recreational Ecstasy use and depression: A re-analysis*. Poster session presented at the 57th annual meeting of the Mississippi Psychological Association, Biloxi, MS.

Bullock, J. S., Guillot, C. R., **Fanning, J. R.**, and Berman, M. E. (2007, September). *The use of the RAND Peritraumatic Dissociative Experiences Questionnaire as a general measure of state dissociation*. Poster session presented at the 57th annual meeting of the Mississippi Psychological Association, Biloxi, MS.

Fanning, J. R., Bracken, K. L., Berman, M. E., Greer, T. F., & McCloskey, M. S. (2007, February). *Psychoticism, neuroticism, and human aggression*. Poster session presented at the 53rd annual meeting of the Southeastern Psychological Association, New Orleans, LA.