

## **PSYCHOLOGY**

**DEPARTMENT CHAIR: DANIEL KLEIN**

**GRADUATE PROGRAM DIRECTOR: SUSAN BRENNAN**

### **Grants, Fellowships, and Awards**

**Arfer, Kodi.** (2013). Honorable Mention, NSF Graduate Research Fellowship Program. Provides access to cyberinfrastructure resources through NSF's Extreme Science and Engineering Discovery Environment (XSEDE). *NSF*, Arlington, VA.

**Culcea, Ileana C.** (2013). Honorable Mention, NSF Graduate Research Fellowship Program. Provides access to cyberinfrastructure resources through NSF's Extreme Science and Engineering Discovery Environment (XSEDE). *NSF*, Arlington, VA.

**Feinstein, Brian A.** (2013-2014). Grants-in-Aid Program, \$2,000. *The Society for the Psychological Study of Social Issues*, Washington, D.C.

**Feinstein, Brian A.** (2013). Training Fellowship, Summer Institute in LGBT Population Health. *The Fenway Institute and Boston University School of Public Health*, Boston, MA.

### **Singly Authored Publications**

**Sarma, Elizabeth A.** (2013). Barriers to screening mammography. *Health Psychology Review*, Online Publication: 1-21. doi:10.1080/17437199.2013.766831

### **Jointly Authored Publications**

**Ahlqvist, Sheana, London, B., & Rosenthal, L.** (2013). Unstable Identity Compatibility: How Gender Rejection Sensitivity Undermines the Success of Women in Science, Technology, Engineering, and Mathematics Fields. *Psychological Science*, 24(9): 1644-1652.

**Ahlqvist, Sheana, Halim, M.L., Greulich, F., Lurye, L., & Ruble, D.** (2013). The Potential Benefits and Risks of Identifying as a Tomboy: A Social Identity Perspective. *Self and Identity*, 12(5): 563-581.

**Anderson, Maria, Runesson, J., Saar, I., Langel, Ü., and Robinson, J. K.** (2013). Galanin, through GalR1 but not GalR2 receptors, decreases motivation at times of high appetitive behavior. *Behavioural Brain Research*, 239: 90-93.

- Bhatia, Vickie, Davila, J., Eubanks-Carter, C., & Burckell, L. A.** (2013). Appraisals of daily romantic relationship experiences in individuals with Borderline Personality Disorder features. *Journal of Family Psychology, 27*: 518-524.
- Bixter, Michael T., & Daniel, F.** (2013). Working memory differences in illusory recollection of critical lures. *Memory & Cognition, 41*: 716-725.
- Bixter, Micheal T., & Luhmann, C.C.** (2013). Adaptive intertemporal preferences in foraging-style environments. *Frontiers in Neuroscience, 7*: 93.
- Bress, Jennifer N., Foti, Daniel., Kotov, R., Klein, D. N., & Hajcak, G.** (2013). Blunted neural response to rewards prospectively predicts depression in adolescent girls. *Psychophysiology, 50(1)*: 74-81.
- Klein, D.N., & Black, Sarah R.** (2013). Persistent depressive disorder: Dysthymia and chronic major depression. In W.E. Craighead, L.W. Craighead, and D.J. Miklowitz (Eds.), *Psychopathology: History, Diagnosis, and Empirical Foundations* (2nd ed). Hoboken, NJ: John Wiley & Sons.
- MacNamara, Annmarie, Kappenman, E.S., Black, Sarah R., Bress, Jennifer N., & Hajcak, G.** (2013). Integrating behavioral and electrocortical measures of attentional bias toward threat. In K. C. Barrett, N. A. Fox, G. A. Morgan, D. J. Fidler & L. A. Daunhauer (Eds.), *Handbook of Self-Regulatory Processes in Development* (215-243). New York: Psychology Press.
- Bress, Jennifer N., & Hajcak, G.** (2013). Self-report and behavioral measures of reward sensitivity predict the feedback negativity. *Psychophysiology, 50(7)*: 610-616.
- Bress, Jennifer N., Meyer, Alexandria, & Hajcak, G.** (2013). Differentiating Anxiety and Depression in Children and Adolescents: Evidence From Event-Related Brain Potentials. *Journal of Clinical Child & Adolescent Psychology*. Advance online publication.
- Choi, Hae-Yoon, Kensinger, E. A., & Rajaram, S.** (2013). Emotional content enhances true, but not false, memory for categorized stimuli. *Memory & Cognition, 41(3)*: 403-415.
- Danzig, Allison P., Bufferd, S.J., Dougherty, L.R., Carlson, G.A., Olino, T.M. & Klein, D.N.** (2013). Longitudinal associations between preschool psychopathology and school-age peer functioning. *Child Psychiatry & Human Development, 44(5)*: 621-632.

- Feinstein, Brian A., Hershenberg, Rachel, Bhatia, Vickie, Latack, Jessica A.,** Meuwly, N., & Davila, J. (2013). Negative social comparison on Facebook and depressive symptoms: Rumination as a mechanism. *Psychology of Popular Media Culture, 2*: 161-170.
- Sloan, D. M., **Feinstein, Brian A.**, Gallagher, M. W., Beck, J. G., & Keane, T. M. (2013). Efficacy of group treatment for posttraumatic stress disorder symptoms: A meta-analysis. *Psychological Trauma: Theory, Research, Practice, and Policy, 5*: 176-183.
- Feinstein, Brian A.**, Goldfried, M., & Davila, J. (2012). The relationship between experiences of discrimination and mental health among lesbians and gay men: An examination of self-stigma and rejection sensitivity as potential mechanisms. *Journal of Consulting and Clinical Psychology, 80*: 917-927.
- Sloan, D. M., Marx, B. P., Bovin, M. J., **Feinstein, Brian A.**, & Gallagher, M. W. (2012). Written exposure as an intervention for PTSD: A randomized clinical trial with motor vehicle accident survivors. *Behaviour Research and Therapy, 50*: 627-635.
- Ferri, Jamie M.**, Schmidt, J., Hajcak, G., & Canli, T. (2013). Neural correlates of attentional deployment within unpleasant pictures. *Neuroimage, 15(70)*: 268-77.
- Michaelides, M., Miller, M. L., Subrize, M., **Kim, Ronald, Robison, Lisa,** Hurd, Y. L., Wang, G. J., Volkow, N. D., & Thanos, P. K. (2013). Limbic activation to novel versus familiar food cues predicts food preference and alcohol intake. *Brain research, 1512*: 37-44.
- Konova, Anna B.**, Moeller, S.J., Tomasi, D., Volkow, N.D., & Goldstein, R.Z. (2013). Effects of Methylphenidate on Resting-State Functional Connectivity of the Mesocorticolimbic Dopamine Pathways in Cocaine Addiction. *JAMA Psychiatry, 70(8)*: 857-68.
- Moeller, S.J., Parvaz, M.A., Shumay, E., Beebe-Wang, N., **Konova, Anna B.**, Alia-Klein, N., Volkow, N.D., & Goldstein, R.Z. (2013). Gene  $\times$  abstinence effects on drug cue reactivity in addiction: Multimodal evidence. *Journal of Neuroscience, 33(24)*: 10027-36.
- Moeller, S.J., Beebe-Wang, N., Woicik, P.A., **Konova, Anna B.**, Maloney, T., & Goldstein, R.Z. (2013). Choice to view cocaine images predicts concurrent and prospective drug use in cocaine addiction. *Drug and Alcohol Dependence, 130(1-3)*: 178-85.
- Konova, Anna B.**, Moeller, S.J., Tomasi, D., Parvaz, M.A., Alia-Klein, N., Volkow, N.D., & Goldstein, R.Z. (2012). Structural and Behavioral Correlates of Abnormal Encoding of Money Value in the Sensorimotor Striatum in Cocaine Addiction. *European Journal of Neuroscience, 36(7)*: 2979-88.

- Parvaz, M.A., **Konova**, Anna B., Tomasi, D., Volkow, N.D., & Goldstein, R.Z. (2012). Structural integrity of the prefrontal cortex modulates electrocortical sensitivity to reward. *Journal of Cognitive Neuroscience*, 24(7): 1560-70.
- Klein, D.N., **Kujawa**, **Autumn J.**, **Black**, **Sarah R.**, & **Pennock**, **Allison T.** (2013). Depressive disorders. In T.P. Beauchaine and S.P. Hinshaw (Eds.), *Child and Adolescent Psychopathology* (2nd ed). Hoboken, NJ: John Wiley & Sons.
- Kujawa**, **Autumn**, Smith, E., Luhmann, C., & Hajcak, G. (2013). The feedback negativity reflects favorable compared to non-favorable outcomes based on global, not local, alternatives. *Psychophysiology*, 50: 134-138.
- Kujawa**, **Autumn**, **Weinberg**, **Anna**, Hajcak, G., & Klein, D.N. (2013). Differentiating event-related potentials sensitive to emotion in middle childhood: Evidence from temporal-spatial PCA. *Developmental Psychobiology*, 55(5): 539-550
- Torpey, D. C., Hajcak, G., Kim, J., **Kujawa**, **Autumn**, **Dyson**, **Margaret W.**, Olino, T. M., & Klein, D. N. (2013). Error-related brain activity in young children: Associations with parental anxiety and child temperamental negative emotionality. *Journal of Child Psychology and Psychiatry*, 54(8): 854-862.
- Pérez-Edgar, K., **Kujawa**, **Autumn**, Nelson, S. K., Cole, C., & Zapp, D. (2013). The relation between electroencephalogram asymmetry and attention biases to threat across frontal and parietal regions at baseline and under stress. *Brain and Cognition*, 82: 337-343.
- Kujawa**, **Autumn**, Klein, D.N., & Hajcak, G. (2013). Two-year stability of the late positive potential across middle childhood and adolescence. *Biological Psychology*, 94(2): 290-296.
- Meyer**, **Alexandria**, Klein, D. N., Torpey, D. C., **Kujawa**, **Autumn**, Hayden, E. P., Sheikh, H. I., Singh, S. M., & Hajcak, G. (2012). Additive effects of the dopamine D2 receptor (DRD2) and dopamine transporter (DAT1) gene on the error-related negativity (ERN) in young children. *Genes, Brain and Behavior*, 11(6): 695-703.
- Thanos, P. K., **Robison**, **Lisa**, Nestler, E. J., Kim, Ronald, Michaelides, M., Lobo, M. K., & Volkow, N. D. (2013). Mapping Brain Metabolic Connectivity in Awake Rats with  $\mu$ PET and Optogenetic Stimulation. *The Journal of Neuroscience*, 33(15): 6343-6349.
- Thanos, P. K., **Robison**, **Lisa S.**, Robinson, J. K., Michaelides, M., Wang, G. J., & Volkow, N. D. (2012). Obese rats with deficient leptin signaling exhibit heightened sensitivity to olfactory food cues. *Synapse*, 67(4): 171-178.

- Thanos, P. K., Stamos, J., **Robison, Lisa S.**, Heyman, G., Tucci, A., Wang, G. J., Robinson, J.K., Anderson, B.J., & Volkow, N. D. (2012). Daily treadmill exercise attenuates cocaine cue-induced reinstatement and cocaine induced locomotor response but increases cocaine-primed reinstatement. *Behavioural Brain Research*, 239: 8-14.
- Komatsu, D. E., Thanos, P. K., Mary, M. N., Janda, H. A., John, C. M., **Robison, Lisa**, Ananth, M., Swanson, J.M., Volkow, N.D., & Hadjiargyrou, M. (2012). Chronic exposure to methylphenidate impairs appendicular bone quality in young rats. *Bone*, 50(6): 1214-1222.
- Safin, Vasily**, Locey, M. L., & Rachlin, H. (2013). Valuing rewards to others in a prisoner's dilemma game. *Behavioural Processes*, 99: 145-149.
- Locey, M. L., **Safin, Vasily**, & Rachlin, H. (2013). Social discounting and the prisoner's dilemma game. *Journal of the Experimental Analysis of Behavior*, 99(1): 85-97.
- Rachlin, H., Locey, M. L., & **Safin, Vasily** (2013). Biological evolution and behavioral evolution: Two approaches to altruism. *Behavioral and Brain Sciences*, 36(01): 96-96.
- Siess, Samantha**, & Moyer, A. (2012). Status update: the complexities of the internet age bring urgency for deliberately making advance health care decision wishes known. *American Journal of Bioethics*, (12): 49-50.
- Mohanty, A., & **Sussman, Tamara J.** (2013). Top-down modulation of attention by emotion. *Frontiers in Human Neuroscience*, 7.
- Sussman, Tamara J.**, Heller, W., Miller, G. A., & Mohanty, A. (2013). Emotional Distractors Can Enhance Attention. *Psychological Science. Online Publication*.
- Zhang, Xujin**, Samuel A.G., & Liu, S. (2012). The perception and representation of segmental and prosodic Mandarin contrasts in native speakers of Cantonese. *Journal of Memory and Language*, 66 (3): 438–457.

*Essay/Article in a book publication:*

- MacNamara, Annmarie**, Kappenman, E. S., **Black, Sarah R.**, **Bress, Jennifer N.**, & Hajcak, G. (2013). Integrating Behavioral and Electrocortical Measures of Attentional Bias Toward Threat. . In K.C. Barrett, N.A. Fox, G.A. Morgan, D.J. Fidler, & L.A. Daunhauer (Eds.), *Handbook of Self-Regulatory Processes in Development: New Directions and International Perspectives* (215-243). New York, NY: Psychology Press.

## **Post-Doctorates Obtained and Professional Appointments**

**Feinstein, Brian A.** (2012-2014). Student Representative. Board of Directors, *Council of University Directors of Clinical Psychology*, Washington, D.C.

**Feinstein, Brian A.** (2012-2013). Student Representative. Educational and Training Committee, Division 12, American Psychological Association.

## **Abstracts, Conferences/Colloquia, Invited Talks, Presentations**

**Ahlqvist, Sheana** (2013). How Unstable Identity Compatibility Undermines the Success of Women in STEM Fields. *National Science Foundation's ADVANCE Institutional Transformation Grant Launch Event, Panel on Social Psychological Perspectives on Women in STEM*, University of Virginia, Charlottesville, VA. Invited Panelist.

**Arfer, Kodi B., & Luhmann, C. C.** (2013). The predictive accuracy of intertemporal-choice models. *Paper presented at the 46th Annual Meeting of the Society of Mathematical Psychology*, Potsdam, Germany.

Brennan, S. E., Schuhmann, K. S., & **Batres, Karla M.** (2013). Entrainment on the move and in the lab: The Walking Around Corpus. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society (1934-1939)*. Austin, TX.

Brennan, S. E., Schuhmann, K., & **Batres, Karla M.** (2013). Collaboratively setting perspectives and referring to locations across multiple contexts. In Proceedings, Pre-Cog-Sci workshop on production of referring expressions: Bridging the gap between cognitive and computational approaches to reference, *35th Annual Meeting of the Cognitive Science Society*, Berlin, Germany.

**Amati, Franco & Brennan, S. E.** (2013). What does Liz need? The role of gaze cues in intention recognition. *The 35th Annual Conference of the Cognitive Science Society*, Berlin, Germany.

**Batres, Karla M. & Brennan, S. E.** (2013). Perspective-taking and executive control in bilinguals and monolinguals. *The 25th Annual Convention of the Association for Psychological Science*, Washington DC.

**Ferri, Jamie M., Schmidt, J., Hajcak, G., & Canli, T.** (2013). Neural markers of emotional processing and attentional deployment. *Society for Psychophysiological Research*, Florence, Italy.

- Ferri, Jamie M.** & Hajcak, G. (2013). Neural correlates of emotional face processing across adolescence. *Society for Psychophysiological Research*, Florence, Italy.
- Ferri, Jamie M.**, Schmidt, J., Hajcak, G., & Canli, T. (2013). Attentional deployment and task compliance modulate the neural response to unpleasant pictures. *Association for Psychological Science*, Washington D.C.
- Konova, Anna B.**, Moeller, S.J., Tomasi, D., & Goldstein, R.Z. (2013). Effects of chronic and acute stimulant exposure on brain connectivity hubs. *Society of Biological Psychiatry (SOBP) Annual Meeting*, San Francisco, CA.
- Moeller, S.J., Parvaz, M.A., Shumay, E., Beebe-Wang N., **Konova, Anna B.**, Volkow, N.D., & Goldstein, R.Z. (2012). Gene  $\times$  withdrawal effects on responsiveness to cocaine stimuli in cocaine addiction. *American College of Neuropsychopharmacology (ACNP) Annual Meeting*, Hollywood, FL.
- Konova, Anna B.**, Parvaz, M.A., Han, X., Tomasi, D., Alia-Klein, N., Woicik, P.A., Maloney, T., Wang, G-J., Delgado, M.R., Phelps, E.A., & Goldstein, R.Z. (2012). Retention of extinction learning for monetary reward in cocaine addiction: role of the VMPFC. *Society for Neuroscience (SfN) Annual Meeting*, New Orleans, LA.
- Moeller, S.J., **Konova, Anna B.**, Parvaz, M.A., Tomasi, D., Lane, R.D., Fort, C., & Goldstein, R.Z. (2012). Functional, structural, and emotional correlates of impaired insight in cocaine addiction. *NIDA Frontiers in Addiction Research Mini Convention at Society for Neuroscience Annual Meeting*, New Orleans, LA.
- Sussman, Tamara J.**, Szekely, Akos, Luhmann, C., Hajcak, G., & Mohanty, A. (2012), Expectation of Emotional Stimuli Enhances Perceptual Decisions. *52nd Annual Meeting of the Society for Psychophysiological Research*, New Orleans, LA.
- Samuel A.G., **Zhang Xujin**, & Liu, S. (2012). The perception and representation of segmental and prosodic Mandarin contrasts in native speakers of Cantonese. *Conference on Language Contact: Linguistic Variation, Social Variation and Cerebral Processing*, Aix en Provence, France.
- Zhang Xujin**, & Samuel A.G. (2012). Perceptual Learning of Speech under Optimal and Adverse Conditions. *53<sup>rd</sup> Annual Meeting of the Psychonomic Society*, Minneapolis, MN.