



THIS IS UNDERSTANDING.
DEPARTMENT OF PSYCHOLOGY

Annual Report | 2016

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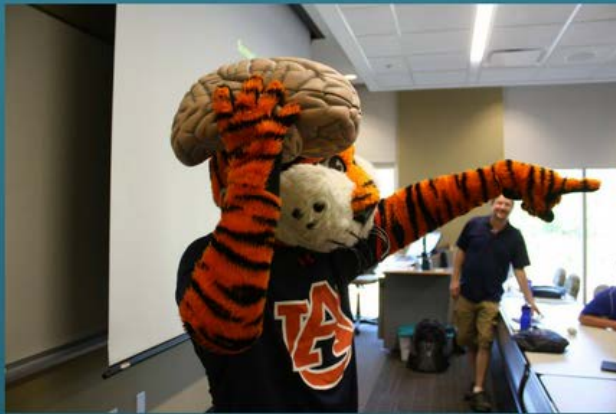
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AU Brain Camp—Brain Camp is a fun, interactive camp for young leaders who are rising juniors and seniors in high school, or about to enter their freshman year of college to get hands-on experience using advanced technology and to learn from distinguished professors in the field of neuroscience. Students are led by two faculty members in the Department of Psychology—Jeff Katz, Ph.D. (Alumni Professor), and Jennifer Robinson, Ph.D. (Associate Professor, Director of AU Brain Camp)—and Auburn High School Psychology teacher, Ms. Kathy Dodgen.



Brain Camp



Bridging the Gap- This project is designed to address child unmet mental health care needs among African American families by implementing a culturally-relevant mental health promoter model within the faith-based community in Macon County. The focus on this research-based educational programming is to reduce child-based mental health stigma, increase positive help-seeking attitudes towards needed psychological services, and connect children with mental health needs to services.



Bridging the Gap



Little “HAPIE” Tree Preschool-Boots and Bow Ties Gala is an annual event that benefits The Little “HAPIE” Tree Preschool for children to seek early intervention for developmental disabilities. Last year we several Auburn University employees contribute and attend. The Psychology Department has Applied Behavior Analysis Graduate Students who intern at the preschool as well as Undergraduate Students that aid for course credit.



Project Uplift - a program of the Lee County Youth Development Center, housed in the Psychology Department of the College of Liberal Arts – matches volunteer mentors with several hundred children and pre-teens who reside in the Lee County area. Relationships developed between the mentors and mentees help to offer children endless possibilities. Mentors have an opportunity to mentor for class credit, service learning hours or simply just to give back to the Auburn Community



Project Uplift

Psi Chi - an International Honor Society in Psychology, founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Psi Chi Care made Care Packages to raise money for their organization. All Parents who had a dependent in Psychology were sent information to purchase a care package. This was a great success and made the students feel special during a very stressful time.



The Department of Psychology is pleased to announce two new degree programs:
Accelerated Bachelor/Master (ABM) in Industrial and Organizational Psychology and
Applied Behavior Analysis

The **Psychology Office and Conference Room** got an upgrade and was renovated. The renovations included new furniture, fresh paint, new carpet, new organization and printed pictures from the Auburn Photo Services



Psychology Department
Renovations



Mt. Meigs-Alabama Department of Youth Services



The **Auburn University Psychological Services Center (AUPSC)** provides clinical intervention and assessment services to children, adolescents, and adults residing in Lee County and the surrounding area. All services are provided by students in the clinical psychology doctoral training program under the supervision of program faculty. AUPSC hired a new Director in 2016, **Dr. Nadia Bhuiyan**, and under her leadership launched a new Autism Spectrum Disorder Diagnostic Services Specialty Clinic. The clinic also includes specialty services such as pediatric health intervention services, Parent-Child Interaction Therapy (PCIT), Health Behavior Assessment Center services (assessments and brief interventions for substance use), and Department of Youth Services (DYS) assessment and intervention services. The AUPSC also hired Ashley Allen as the Administrative Support Specialist. **Ashley Allen** joined Auburn University in 2016 and provides administrative support for the AUPSC and the Applied Behavior Analysis (ABA) clinics



Auburn University Psychology Services Center (AUPSC)

Awards & Honors

Joseph Bardeen- awarded for the CLA competitive teaching release support for grant writing award for Fall semester 2016.

Thane Bryant-Spirit of Excellence Award (October)

Thane Bryant- CLA A&P Employee of the Year. (2016)

Bill Buskist- Fellow, Auburn University Global Teaching Academy, 2016.

Jessica Busler- Innaugural winner of the SETOP Annual B. LaConyeya Butler, Ph.D. Poster Presentation Award at the 28th Annual Southeastern Conference on Teaching of Psychology. (2016)

Aimee Callender- granted tenure and promotion to the rank of Associate Professors, effective Fall semester, 2016.

Jinyan Fan- awarded for the CLA competitive teaching release support for grant writing award for Fall semester 2016.

Ana Franco-Watkins-Professional Excellence in Teaching and Learning (PETL) Teaching Excellence Award, *College of Liberal Arts*, 2016

Wendy Gray- APAGS Guardian of Psychology Award from the American Psychological Association of Graduate Students. (2016)

Nicole Johnson-Spirit of Excellence Award (December)

Jeffrey Katz- Honors College Professor of the Year, Auburn University (2016)

Jeffrey Katz- award for Competitive Outreach Scholarship Grant application, entitled "Auburn University Brain Imaging Visiting Fellowship." (2016)

Trixie Langley-AU Employee of the Year. (2016)

Chris Newland- Elected a Fellow of the Association for Behavior Analysis. (2016)

Jan Newman- Auburn University Faculty Scholars Program (2014-present)

Sacha Pence- Center for disability research and policy, award from Alabama Council on Developmental Disabilities. "Enhancing Social Skills for Adolescents and Young Adults with Disabilities".

Jennifer Robinson- the President's outstanding collaborative Units award (\$5000). The team members include Drs. Robinson, Katz, and Franco-Watkins in our department, and others (Drs. Denney, Deshpande, Salibi, Reid, and Beyers) in MRI research center. (2016)

Jennifer Robinson- granted tenure and promotion to the rank of Associate Professors, effective Fall semester, 2016.

Jennifer Robinson- award for Competitive Outreach Scholarship Grant application, entitled “Auburn University Brain Imaging Visiting Fellowship.” (2016)

Steve Shapiro- & Ms. Chakawa received the award for their Competitive Outreach Scholarship Grant application, entitled “Bridging the Gap: Developing and implementing a culturally-relevant model to address mental health care needs among African American children in Macon County.” (2016)

Grants & Contracts

Joseph Bardeen-Summer Research/Creative Scholarship Grant, College of Liberal Arts, Auburn University (\$6,000) 2016

Joseph Bardeen- Faculty Semester Release from Teaching Grant, Auburn University (\$1,000 and two course releases) 2016

Barry Burkhardt C&G – Alabama Department of Youth Services ADYS – Overall total Budget \$2,282,736.00, beginning Oct. 1, 2016.

Chris Correia- Increasing Access to Autism Evaluations in Alabama: Training Professionals on Diagnostic Procedures Auburn University Competitive Outreach Scholarship Grant, Co-Principal Investigator (with Polly Dunn) Total Costs: \$54,751 (2015-2016)

Chris Correia- Clinical Program maintains practicum training contracts with Student Counseling Services, Harrison School of Pharmacy, Tiger Education Screening Intervention, Mt. Meigs/Department of Youth Services, West Central Georgia Regional Hospital, and East Alabama Medical Center's Diabetes and Nutrition Center (\$151,049) 2015-2016.

Peter Chen- Developing a workplace bullying risk audit tool. SafeWork SA Commissioned Research Grants, co-PI (PI: Michelle Tuckey), A\$123,324 (2016-2018)

Peter Chen- Effectiveness of workplace violence prevention program for medical school students- Applications of skill-based group learning and interactive technology intervention strategies. Ministry of Science and Technology, Taiwan (104-2511-S-030 -002 -MY2), Consultant (PI: Fuli Chen), NTD\$1,885,000 (2015-2017)

Peter Chen-The Dynamic interplay of physical and psychosocial safety in frontline healthcare workplaces in Australia and Malaysia. Australian Research Council Linkage Grant (LP130100902), co-PI (PI: Maureen Dollard), A\$357,900 (2014-2017)

Dominic Cheng-Co-Investigator- fMRI investigations of cognition in alcoholics

The goal of this research is to characterize differences between alcoholics and non-alcoholics in cerebro-cerebellar brain function underlying cognitive performance using fMRI with tasks of human working memory. Role: Co-Investigator-Cheng

Dominic Cheng-PI-Neuroimaging of eyeblink conditioning in subjects with alcohol use disorders. The goal of this research is to investigate how alcoholism affects brain structures critical for a fundamental form of memory, eyeblink classical conditioning. Role: Principal Investigator-Cheng 09/30/11 – 08/31/17 (NCE)

Jinyan Fan-Competitive teaching release support for grant writing, the College of Liberal Arts, Auburn University, \$4,500 (2016)

Jinyan Fan- Provost Funded Professional Improvement Leave in Spring 2017. Covering international travel expenses, and salary (\$8,376.00.)

Jinyan Fan- A Comprehensive Examination of a New Faking-Mitigation Procedure for Personality Tests within Selection contexts: A Field Experiment (\$7,000.00) Role: Principle Investigator. Sponsor: The Society for Industrial and Organizational Psychology Funded (2015-present)

Ana Franco-Watkins -Federal Aviation Association (FAA) Center of Excellence for Technical Training and Human Performance, Sefton, PI (Kinesiology), Franco-Watkins, co-PI, & Witte, co-PI (Adult Education). Exploring Use of Gamification for Training. Oct. 2016- June 2018, \$297, 881

Ana Franco-Watkins- Innovative Research Grant, Auburn University, Zhou, PI (Civil Engineering), Franco-Watkins, co-PI, & Schall, co-PI (industrial and Systems Engineering), *Innovative Safety Research Based on Naturalistic Driving Study (NDS) Dataset*, May 2016- May 2018, \$90,000

Ana Franco-Watkins- DOD Defense Advanced Research Projects Agency, Deshpande, PI, (Computer and Electrical Engineering), Waggoner, co-PI (Vet Med), **Franco-Watkins**, consultant*, *Functional Imaging to Develop Outstanding Service Dogs*, August 2014- July 2016, \$583,276

Wendy Gray-Scholars Committed to Opportunities in Psychological Education Auburn University Community & Civic Engagement Project Support Grant Position: Principal Investigator Award amount: \$1,000 (2016 – present).

Wendy Gray-Development of the Self-Management Transition Enhancement Program Crohn's and Colitis Foundation of America Career Development Award Position: Principal Investigator Award amount: \$270,000 (2013 – present).

Wendy Gray- Grant-in-Aid Selection Committee members and The Society for the Psychological Study of Social Issues (SPSSI), we are delighted to inform you that your proposal has been selected to receive a grant in the amount of \$2,000 (2016)

Wendy Gray-Medication Adherence in Students with ADHD Transitioning to College: An Exploratory Study Auburn University Intramural Grants Program, Office of the Vice President for Research, Auburn University Position: Principal Investigator Award Amount: \$8,000 (2014 – present).

Jeffrey Katz-Bondy, B. (PI), CO-I: Katz, J. S. Auburn University Intramural Grants Program (2016-2017) (\$12,000) *Drawing and Cognitive Neuroscience*.

Jeffrey Katz- Bondy, B. (PI), CO-I: Katz, J. S. College of Liberal Arts Competitive Collaborative and Interdisciplinary Research and Humanities Grant. (2016) (\$2,000) *Drawing and Cognitive Neuroscience*.

Jeffrey Katz -Katz, J. S. College of Liberal Arts Subvention Award (2016) (\$712.50)

Jennifer Robinson-Role: PI, CO-PI: **Katz, J.S.** Auburn University Competitive Outreach Scholarship Grant. (2016-2017) (\$21,256). *Auburn University Brain Imaging Visiting Fellowship (AU Brain Camp)*.

Jeffrey Katz -Reid, M.A. (PI), Sponsors: Katz, J.S., Denney, T.S. National Institute of Mental Health.(2015-2017) (\$162,642) F32 MH106282. *7T functional MRS to study metabolite variations during working memory*.

Jeffrey Katz -Deshpande, G. (PI), CO-Is: Denney, T. S., Katz, J. S., et al. DARPA (2014-2017) (\$999,948). W911QX-13-C-0123 *Functional Imaging for Develop Outstanding Service Dogs (FIDOS)*

Chris Newland- Behavioral epigenetics of developmental methylmercury exposure. National Institute of Environmental Health Sciences/National Institutes of Health. R21 ES024850. 2015-2017, \$275,000 direct costs, \$407,000 total costs. Role: PI.

Chris Newland- Elucidation of molecular mechanisms of chemobain: Identification of targets and therapies. Auburn University Research Initiative in Cancer. 2015-2017. \$100,000 direct costs. Vishnu Suppiramaniam, PI. My role: Co-I.

Chris Newland- A polymer-halloysite formulation for postnatal methylmercury delivery. National Institute of Environmental Health Sciences/National Institutes of Health. RO3 ES 024564. 2014-2016. Total cost: \$146,000. Role:PI.

Jan Newman-*Intergovernmental Agreement between the Department of Youth Services and the Auburn University Psychological Services Center*. B. Burkhart, Principal Investigator, and Newman, J. L. E., Co-Principal Investigator. (October 2016 – September 2017). \$2,282,736.

Christine Tortura & Jan Newman-*Pilot of an Evaluation Protocol to Assess the Uptake of Treatment Innovations within Juvenile Corrections*. Auburn University Office for University Outreach. C. Tortura, Principal Investigator, and Newman, J. L. E., Co-Principal Investigator. (May 2015 -June 2016). \$24,881.50

Sacha Pence- Co-Principal Investigator, *Enhancing Social Skills for Adolescents and Young Adults with Disabilities*, Alabama Department of Mental Health. (\$25,000). 2016-2017

Sacha Pence-Principal Investigator, *Auburn City Schools Practicum*, Auburn City Schools. (\$61,840). 2015-2017

Sacha Pence- Co-Principal Investigator, *ABA Fellowship Program*, Autism Spectrum Therapies (\$15,223). 2015-2016

Sacha Pence-Co-Principal Investigator, *Lee County Tools of Choice Coordinator & ABA Fellowship Program*, Alabama Department of Human Resources (\$98,328). 2015-2016

Sacha Pence Co-Principal Investigator, *ABA Fellowship Program*, Little Star Center (\$15,222). 2015-2016

Sacha Pence-Co-Principal Investigator, *ABA Fellowship Program*, Reaching Milestones (\$30,445). 2015-2016

Sacha Pence- Co-Principal Investigator, *ABA Fellowship Program*, Pathways Centers (\$15,222). 2015-2016

Sacha Pence -Co-Principal Investigator, *ABA Fellowship Program*, Arch of Jefferson County (\$15,222). 2015-2016

Sacha Pence-Co-Principal Investigator, *ABA Fellowship Program*, Glenwood Autism and Behavioral Health Center. (\$30,268). 2014-2016

John Rapp- Decreasing Psychotropic Medication Usage in Alabama Foster Care (Co-PI Chris Newland). Alabama Department of Human Resources. Total costs: \$784,000 (2016-2017).

John Rapp- Parent training with the Tools of Choice Curriculum. Alabama Department of Human Resources. Total Costs: \$118,000 (2016-2017)

John Rapp- Training ABA graduate students. Multiple Agencies. Total Costs: \$153,000 (2016-2017)

Jennifer Robinson- AAES pilot "*Context effects on adolescent decision making: Neuroimaging pilot studies*," was submitted in the spring of 2016. The funding amount is \$50,000 (October, 2016 – 2018).

Jennifer Robinson- Internal Grant: Sleep disruptions and risk in adolescence: Physiological underpinnings (Status: Funded, Project Period: 2014-2016, Role: Co-PI w/ Mona El-Sheikh, Ph.D. (co-PI), Stephen Erath (Co-I)) - \$103,040

Jennifer Robinson- FutureCeuticals: Neurophysiological effects of whole coffee fruit concentrate in older adults with mild cognitive impairment: A fMRI investigation (Status: Funded, Project Period: 2016-2017, Role: PI, Darren Beck, Ph.D. (Co-I)) - \$94,256.76

Jennifer Robinson- AU President's Collaborative Units (Role: PI; Submitted: 02/2016; Status: Funded) - \$5,000

Steve Shapiro- Shapiro, S. K. & Chakawa, A. (2015-2016). Bridging the Gap: Developing and Implementing a Culturally-Relevant Model to Address Mental Health Care Needs among African American Children in Macon County. Auburn University Competitive Outreach Scholarship Grant. \$31,325.

Christine Tortura-HHS-2015-ACF-OFA-FM-0985 *Healthy Marriage and Relationship Education Grants*, U.S. Department of Health and Human Services, The Alabama Healthy Marriage and Relationship Education Initiative (AHMREI). F. Adler-Baeder, Principal Investigator, C. Tortura, Co-Principal Investigator & External Evaluator, Tom Smith & Scott Ketring, Co-Investigators. (Oct. 2015-Sept. 2020). \$10,000,000.

Tracy Witte- SEC Visiting Faculty Travel Grant, \$929, 2016

Tracy Witte – National Institutes of Health Extramural Loan Repayment Award for Clinical Research, 2012-2017

Refereed Journal Articles

Bardeen, J. R., & Fergus, T. A. (2016). Emotional distress intolerance, experiential avoidance, and anxiety sensitivity: The buffering effect of attentional control on associations with posttraumatic stress symptoms. *Journal of Psychopathology and Behavioral Assessment, 38*, 320-329.

Bardeen, J. R., & Fergus, T. A. (2016). The interactive effect of cognitive fusion and experiential avoidance on anxiety, depression, and posttraumatic stress symptoms. *Journal of Contextual & Behavioral Science, 5*, 1-6.

Bardeen, J. R., Fergus, T. A., Hannan, S. M., & Orcutt, H. K. (2016). Addressing psychometric limitations of the Difficulties in Emotion Regulation Scale through item modification. *Journal of Personality Assessment, 98*, 298-309.

Bardeen, J. R., Tull, M. T., Daniel, T. A., Evenden, J., & Stevens, E. N. (2016). A preliminary investigation of the time course of attention bias variability in posttraumatic stress disorder: The moderating role of attentional control. *Behaviour Change, 33*, 94-111.

Fergus, T. A., & **Bardeen, J. R.** (2016). Main and interactive effects of mental contamination and tolerance of negative emotions in relation to posttraumatic stress symptoms following sexual trauma. *Journal of Psychopathology and Behavioral Assessment, 38*, 274-283.

Fergus, T. A., & **Bardeen, J. R.** (2016). Negative mood regulation expectancies moderate the association between happiness emotion goals and depressive

symptoms. *Personality and Individual Differences, 100*, 23-27.

Fergus, T. A., & **Bardeen, J. R.** (2016). The Attention Training Technique: A review of a neurobehavioral therapy for anxiety and related disorders. *Cognitive and Behavioral Practice, 23*, 502-516.

Lee, D. J., **Witte, T. K., Bardeen, J. R., Davis, M. T., & Weathers, F. W.** (2016). A factor analytic evaluation of the Difficulties in Emotion Regulation Scale. *Journal of Clinical Psychology, 72*, 933-946.

Barker, L. (2016) Why We Play Sports (& Chimps Don't): A Primer in Sports Psychology. Manuscript under consideration by Human Kinetics Press.

Bass, B. I., Cigularov, K. P., **Chen, P., Henry, K., Tomazic, R., & Li, Y.** (2016). The effects of student violence against school employees on employee burnout and work engagement: The roles of perceived school unsafety and transformational leadership. *International Journal of Stress Management.*

Michel, J. S., Hartman, P., O'Neill, S., Lorys, A., & Chen, P. Y. (2016). Sample adequacy and implications for Occupational Health Psychology research. *Industrial and Organizational Psychology: Perspectives on Science and Practice, 9*, 193-197.

Cheng, D. T., Meintjes, E. M., Stanton, M. E., Dodge, N. C., Pienaar, M., Warton, C. M. R., Desmond, J. E., Molteno, C. D., Peterson, B. S., Jacobson, J. L., & Jacobson, S. W. (2016). Functional MRI of

human eyeblink classical conditioning in children with fetal alcohol spectrum disorders. *Cerebral Cortex*, doi: 10.1093/cercor/bhw273

Pickover, A.M., Messina, B.G., **Correia, C.J.**, & Murphy J.G. (2016). A behavioral economic analysis of the nonmedical use of prescription drugs among young adults. *Experimental and Clinical Psychopharmacology*, 24, 38-47.

Silvestri, M.M., & **Correia, C.J.** (2016) Normative influences on the non-medical use of prescription stimulants among college students. *Psychology of Addictive Behaviors*, 30, 516-521.

Messina, B. G., Dutta, N.M., Silvestri, M. M., Diulio, A. R., Garza, K. B., Murphy, J. G., & **Correia, C. J.** (2016). Modeling motivations for non-medical use of prescription drugs. *Addictive behaviors*, 52, 46-51.

Fan, J., Stuhlman, M., Chen, L., & Weng, Q. (2016). Both general domain knowledge and situation assessment are needed to better understand how SJTs work. *Industrial and Organizational Psychology: Perspectives on Science and Practice*, 9, 43-47.

Chen, L., **Fan, J.**, Zheng, L., & Hack, E. (2016). Clearly defined constructs and specific situations are the currency of SJTs. *Industrial and Organizational Psychology: Perspectives on Science and Practice*, 9, 34-38.

Kulviwat, S., Zhang, Y., **Fan, J.**, & Zheng, L. (2016). Understanding consumer shopping experience: A comparison of three theories of emotions in predicting online flow. *International Journal of Electronic Marketing and Retailing*, 7, 3-21.

Callendar, A. A., **Franco-Watkins, A.M.**, & Roberts, A. S. (2016). Improving metacognition in the classroom through instruction, training, and feedback. *Metacognition and Learning*, 11, 215-235.

Franco-Watkins, A.M., Davis, M.E., & Johnson, J.G. (2016). The ticking time bomb: Using eyetracking methodology to capture attentional processing under multiple time pressures. *Attention, Perception, and Psychophysics.*, 78. 2363-2372.

Yilmaz, L., **Franco-Watkins, A.M.**, & Kroecker, T. (2016). Coherence-Driven Reflective Equilibrium Model of Ethical Decision-Making in *Proceedings of 2016 IEEE International Multi-Disciplinary Conference on Cognitive Methods in Situation Awareness and Decision Support (CogSIMA)*, pp. 42-48. March 21-25, San Diego, Ca.

Franco-Watkins, A.M., Mattson, R.E., & Jackson, M.J. (2016). Now or later? Attentional processing in intertemporal choice. *Journal of Behavioral Decision Making*, 29, 206-217.

Fix, R. L., Proctor, K. B., & **Gray, W. N.** (2016). Treating emetophobia and panic symptoms in an adolescent female: A case study. *Clinical Case Studies*, 15, 326-338.

Gray, W. N., & Maddux, M. H. (2016). Current transition practices in pediatric IBD: Findings from a national survey of pediatric providers. *Inflammatory Bowel Diseases*, 22, 372-379.

Daniel, T. A., Davis, M.T., **Witte, T. K.**, Beyers, R. J., Willis, J. Z., Wang, Y., Denney, T.S., **Katz, J. S.**, Salibi, N., & Deshpande, G. (2016) Demonstration and validation of a new pressure-based MRI-

safe pain tolerance device. *Journal of Neuroscience Methods*, 271, 160-168.

Daniel, T. A., & **Katz, J. S.** (2016). A negative stimulus movement effect in pigeons. *Behavioural Processes*, 130, 11-18.

Daniel, T. A., **Katz, J. S.**, & **Robinson, J. L.** (2016) Delayed match-to-sample in working memory: A BrainMap meta-analysis. *Biological Psychology*, 120, 10-20.

Daniel, T. A., Wright, A. A., & **Katz, J. S.** (2016). The oddity preference effect and the concept of difference in pigeons. *Learning & Behavior*, 44, 320-328.

Dretsch, M. N., Wood, K. H., Daniel, T. A., **Katz, J. S.**, Deshpande G., Goodman, A. M., Wheelock, M. D., Wood, K. B., Denney, T. S., Traynham, S., & Knight, D. C. (2016). Exploring the neurocircuitry underpinning predictability of threat in soldiers with PTSD compared to deployment exposed controls. *The Open Neuroimaging Journal*, 10, 111-124.

Goodman, A. M., **Katz, J. S.**, & Dretsch, M. N. (2016). Military Affective Picture System (MAPS): A new emotion-based stimuli set for assessing emotional processing in military populations. *Journal of Behavior Therapy and Experimental Psychiatry*, 25, 152-161.

Robinson, J. L., Bazi, M., **Katz, J. S.**, Waggoner, P., Beyers, R., Morrison, E., Salibi, N., Denney, T. S., Vodyanoy, V., & Deshpande, G. (2016). Characterization of Structural Connectivity of the Default Mode Network in Dogs using Diffusion Tensor Imaging. *Scientific Reports*, 6, 36851

Thompkins, A. M., Deshpande, G., Waggoner, P., & **Katz, J. S.** (2016). Functional Magnetic Resonance Imaging of the Domestic Dog: Research,

Methodology, and Conceptual Issues. *Comparative Cognition and Behavior Reviews*. 11, 63-82. 12.

Wright, A. A., Magnotti, J. F., **Katz, J. S.**, Leonard, K., & Kelly, D. M. (2016). Concept learning set-size functions for Clark's nutcrackers. *Journal of the Experimental Analysis of Behavior*, 105, 76-84.

Proctor, K.B., & **Brestan-Knight, E.** (2016). Evaluating the use of assessment paradigms for preventive interventions: A review of the Triple P – Positive Parenting Program. *Children and Youth Services Review*, 62, 72-82.

McCormick, M., & Seta, J. J. (2016). Lateralized goal framing: How health messages are influenced by valence and contextual/analytic processing. *Psychology and Health*, 31(5), 535-548.

Clark, M. A., **Michel, J. S.**, Zhdanova, L., Pui, S. Y., & Baltes, B. B. (2016). All work and no play? A meta-analytic examination of the correlates and outcomes of workaholism. *Journal of Management*, 42(7), 1836-1873. DOI: 10.1177/0149206314522301

Michel, **J. S.**, Newness, K., & Duniewicz, K. (2016). How abusive supervision affects workplace deviance: A moderated-mediation examination of aggressiveness and work-related negative affect. *Journal of Business and Psychology*, 31(1), 1-22.

Pichler, S., Varma, A., **Michel, J. S.**, Levy, P., Budhwar, P., & Sharma, A. (2016). Leader-member exchange, group- and individual-level procedural justice and reactions to performance appraisals. *Human Resource Management*, 55(5), 871-883.

- Boomhower, S. R., & **Newland, M. C.** (2016) Adolescent Methylmercury Exposure Affects Choice and Delay Discounting in Mice. *Neurotoxicology*.
- Shen, A. N., Cummings, C., Pope, D., Hoffman, D., & **Newland, M. C.** (2016). A bout analysis reveals age-related methylmercury neurotoxicity and nimodipine neuroprotection. *Behavioural Brain Research (Amsterdam)*, 311, 147-159.
- Shen, A. N., Cummings, C., Hoffman, D., Pope, D., Arnold, M., & **Newland, M. C.** (2016). Aging, motor function, and sensitivity to calcium channel blockers: An investigation using chronic methylmercury exposure. *Behavioural Brain Research*, 315, 103-114.
- Pope, D. A., Boomhower, S. R., Hutsell, B. A., Teixeira, K. M., & **Newland, M. C.** (2016). Chronic cocaine exposure in adolescence: Effects on spatial discrimination reversal, delay discounting, and performance on fixed-ratio schedules in mice. *Neurobiology of Learning and Memory*, 130, 93-104.
- Pope, D.A., Boomhower, S.R., Hutsell, B.A., Teixeira, K, **Newland, M.C.** (2016) Adolescent cocaine exposure: Perseveration, delay discounting, and the temporal reach of reinforcers. *Neurobiology of Learning and Memory*. 130, 93-104
- Hoffman, D. J., & **Newland, M. C.** (2016). A microstructural analysis distinguishes motor and motivational influences over voluntary running in animals chronically exposed to methylmercury and nimodipine. *Neurotoxicology*, 54, 127-139.
- Shen, A.N., and **Newland, M.C.** (2016). Examination of clozapine and haloperidol in improving ketamine-induced deficits in an incremental repeated procedure in BALB/c mice. *Psychopharmacology*. 233 (3), 485-498
- McCallister, M., Zhang, T, Ramesh, A, Clark, R.S., Jules., G.E., Maguire, M., Rhoades, R, Hutsell, B., **Newland, M.C.**, Hood, D.B. (2016). Discrimination reversal deficits in adolescent rats exposed in utero to benzo(a)pyrene. *Toxicological Sciences*. 149(1), 42-54.
- Heinicke, M. R., Carr, J. E., **Pence, S. T.**, Zias, D. R., Valentino, A. L. & Falligant, J. M. (2016). Assessing the efficacy of pictorial preference assessments for children with developmental disabilities. *Journal of Applied Behavior Analysis*. Early view online.
- Falligant, J. M., Boomhower, S. R., & **Pence, S. T.** (2016). Application of the generalized matching law to point-after-touchdown conversions and kicker selection in college football. *Psychology of Sport & Exercise*, 26, 149-153.
- St. Peter, C. C., Byrd, J. D., **Pence, S. T.**, & Forearm, A. P. (2016). Effects of treatment integrity failures on a response-cost procedure. *Journal of Applied Behavior Analysis*, 49, 308-328.
- Rapp, J. T.**, Cook, J. L., McHugh, M., & Mann, K. (2016). Decreasing stereotypy using NCR and DRO with functionally matched stimulation: Effects on targeted and nontargeted stereotypy. *Behavior Modification*. Advance online publication.
- Rapp, J. T.** & Gunby, K. (2016). Task interspersal for individuals with autism and other neurodevelopmental disorders. *Journal of Applied Behavior Analysis*, 49, 730-734.

- Lanovaz, M. J., & **Rapp, J. T.** (2016). Using single-case experiments to support evidence-based decisions: How much is enough? *Behavior Modification*, *40*, 377-395.
- Lanovaz, **M. J.**, **Rapp, J. T.**, Maciw, I., Dorion, C., & Prigent-Pelletier, É. (2016). Preliminary effects of parent-implemented behavioral interventions for stereotypy: Brief report. *Developmental Neurorehabilitation*, *19*, 193-196.
- Buchanan, R. J., Gjini, K., Modur, P., Meier, K. T., Nadasdy, Z., & **Robinson, J. L.** (2016). In-vivo measurements of limbic glutamate and GABA concentrations in epileptic patients during affective and cognitive tasks: A microdialysis study. *Hippocampus*, *26*(5), 683-689.
- Deshpande, G., Baxi, M., **Witte, T.**, & **Robinson, J. L.** (2016). A neural basis for the acquired capability of suicide. *Frontiers in Psychiatry*, *7*(125), 1-19.
- Robinson, J. L.**, Baxi, M., Katz, J. S., Waggoner, P., Beyers, R., Morrison, E., Salibi, N., Denney, T. S., Vodyanoy, V., & Deshpande, G. (2016). Characterization of structural connectivity of the default mode network in dogs using diffusion
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