



SYRACUSE UNIVERSITY

The College of Arts and Sciences

Interdisciplinary Neuroscience Programs

Scholarly Updates

January 2015 -December 2015

Presentations by Faculty

Kevin Antshel (Psychology)

- **Antshel, K.M.** (2015, May). *Evidence Based Non-Pharmacological Treatments for ADHD in Children and Adolescents*. Lecture presented at the annual NAMI Promise children's conference, New Options for Treatment, Research, and Education on Mental Illness in Children. Syracuse, NY.
- **Antshel, K.M.** (2015, April). *Please tell me that I have ADHD!: Malingering, stigma, attributions and ADHD in college students*. Paper presented to SUNY-Upstate Medical University Department of Psychiatry Grand Rounds. Syracuse, NY.
- *He, J.A., *Wagner, K., **Antshel, K.M.**, Biederman, J. & Faraone, S. (2015, January). *Functional impairment in ADHD: What matters more, symptoms or personality?* Poster session presented at the American Professional Society of ADHD and Related Disorders (APSARD) annual meeting. Washington, DC.
- Pauline, J., **Antshel, K.M.**, & Vanderdrift, L. (2015, October). *The Mediating Role of Identity on the Relationship Between Inattention and Academic Service Use in NCAA Student-Athletes*. Paper presented at the 30th Annual Conference of the Association for Applied Sport Psychology. Indianapolis, IN.

Dessa Bergen-Cico (Public Health)

- Neuroscience of Addiction – Republic of Georgia Education and Science Ministry Tbilisi Georgia November, 2015
- Mindfulness Based Strategies for Recovery from Trauma and Addiction - Georgian Psycho-traumatologists Association, Tbilisi Georgia, November 2015
- Street Addiction: A Proposed Theoretical Model for Understanding the Draw of Street Crime and Gang Activity. Second International Conference on Behavioral Addictions, Budapest, Hungary March, 2015.
- Trauma Response Team: A Community Participatory Intervention for Gang Violence. Society for Applied Anthropology Annual World Meeting, Pittsburgh, PA March, 2015
- Fostering Adolescent Self-Regulation through Mindfulness Skills Integrated into English Language Arts Curricula Society for Research in Child Development Biennial Meeting, Philadelphia, PA, March, 2015
- Changes in Mindfulness from an online National Science Foundation (NSF-REU) Training Diverse Teams of Veterans and Non-Veterans to Research Trauma: Student Success and Research Endeavors. Eastern Psychological Association Philadelphia, PA, March, 2015

- Fostering Adolescent Self-Regulation through Mindfulness Skills Integrated into English Language Arts Curricula. Harvard Graduate School of Education Research Conference, Cambridge, MA April, 2015

Carlos Castañeda (*Biology & Chemistry*)

- "Linkage-specific conformational ensembles of non-canonical polyubiquitin chains from NMR and SANS studies", 14th Upstate NMR symposium/1st Upstate NY Structural Biology Symposium, October 2015

Amy Criss (*Psychology*)

- Aue, W.R., **Criss, A.H.**, Spangler, S.A., Karpicke, J.D., & Mehanovic, I. (2015). Examining the Relationship Between Testing Effects and Output Interference in Recognition Memory. Psychonomic Society, Chicago, IL.
- Wilson, J. & **Criss, A.H.** (2015). Output Interference in Cued Recall. Psychonomic Society, Chicago, IL.
- **Criss, A.H.**, Kilic, A., Malmberg, K.J., Fontaine, J. (2015). Learning During Study and Test: A Joint Evaluation of List Length Effects and Output Interference. Psychonomic Society, Chicago, IL.
- Koop, G.J., **Criss, A.H.**, & Pardini, A.M. (2015). Does the Strength-Based Mirror Effect Persist Under Conditions Inhospitable to Criterion Shifts? Psychonomic Society, Chicago, IL.
- Kellen, D., Erdfelder, E., Malmberg, K.J., Dube, C., & **Criss, A.H.** (2015). The Ignored Alternative: An Application of Luce's Low-threshold Model to Recognition Memory. Computational Approaches Symposium. Chicago, IL.
- Annis, J., Lenes, J. G. *, Westfall, H., **Criss, A.H.**, & Malmberg, K.J. (2015). The List-Length Effect Does Not Discriminate Between Models of Recognition Memory. Computational Approaches Symposium. Chicago, IL.
- Wilson, Jack H., and **Criss, Amy H.** (2015). Release from output interference in cued recall: Cue-target dissociations. Society for Mathematical Psychology, Newport Beach, CA.
- Cox, G. E., **Criss, A. H.**, & Shiffrin, R. M. (2015). The Dynamics of Single Item and Associative Recognition. Society for Mathematical Psychology, Newport Beach, CA.
- Aue, W. R., **Criss, A. H.**, & Wilson, J. H. (2015). Evaluating the robustness of output interference. Society for Mathematical Psychology, Newport Beach, CA.
- **Criss, A.H** (2015). Differentiation: A core mechanism underlying episodic memory. Society for Mathematical Psychology, Newport Beach, CA.
- **Criss, A.H.** & Cox, G. (2015). Hierarchical Bayesian Modeling of Item-Level Effects in Item and Associative Memory. Society for Mathematical Psychology, Newport Beach, CA.
- **Criss, A.H.**, Aue, W.A., & Wilson, J.H. (2015). (lack of) Output Interference in Semantic Memory. Annual Summer Interdisciplinary Conference, Mammoth, CA.
- **Criss, A.H.** & Aue, W.A. (2015). Interference in Memory. Society for Applied Research in Memory and Cognition. Victoria, BC.
- Wilson, J. & **Criss, A.H.** (2015). Release from Output Interference in Cued Recall: Dissociations between cues and targets. Context in Episodic Memory Symposium, Philadelphia, PA.
- Cox, G. E., Shiffrin, R.M., & **Criss, A.H.** (2015). A Dynamic Approach to Item and Associative Recognition. Context in Episodic Memory Symposium. Philadelphia, PA.
- Mehanovic, I., Spangler, S., **Criss, A.H.**, & Aue, W. (2015). Examining the relationship between testing effects and output interference in Recognition Memory. APS. New York, NY.

Bart Farell (*Biomedical & Chemical Engineering*)

- **Farell, B.** & Ng, C. J. (2015). Stereoacuity improves after short-term binocular pattern mismatch. Vision Sciences Society Annual Meeting. *Journal of Vision, 15*, 826. doi:10.1167/15.12.826
- Ng, C. J. & **Farell, B.** (2015a). Using the symmetry of false matches to solve the correspondence problem. Vision Sciences Society Annual Meeting. *Journal of Vision, 15*, 269. doi:10.1167/15.12.269
- Ng, C. J. & **Farell, B.** (2015b). Using the symmetry of false matches to solve the correspondence problem. Paper presented at the 11th Asia-Pacific Conference on Vision Annual Meeting, Singapore.

Joshua C. Felver (*Psychology*)

- Felver, J. C. (paper presentation). Applications of Mindfulness-Based Interventions in School Settings. 2015 National Association of School Psychologists Annual Convention, Orlando, FL.
- **Felver, J. C.** & Frank, J. L. (workshop). Soles of the Feet: A Mindfulness Intervention for Disruptive Behavior. 2015 National Association of School Psychologists Annual Convention, Orlando, FL.
- Frank, J. L., Jennings, P. Berrena, E., & **Felver, J. C.** (workshop). Introduction to Learning to Breathe: A Mindfulness-Based Intervention for Adolescents. 2015 National Association of School Psychologists Annual Convention, Orlando, FL.

Paul Gold (*Biology*)

- Hamilton College, "Modulation of Neural Plasticity." Clinton, NY, 2015.

Sarah E. Hall (*Biology*)

- J. Sims, M.C. Ow#, M. Nishiguchi^, P. Sengupta, **S.E. Hall** "Developmental history regulates olfactory behavior via RNAi pathways", International Worm Meeting, UCLA, Los Angeles, CA.

Kevin Heffernan (*Exercise Science*)

- Heffernan KS. "Arterial stiffness and central hemodynamics: a primer for the exercise scientist." *American College of Sports Medicine Annual Scientific Meeting.*
- Heffernan KS. "Exercise to delay vascular aging." *14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer.*
- Heffernan KS. "Exercise, Arterial Stiffness and the Aging Brain." *University of Massachusetts at Amherst Kinesiology Department Seminar.*
- Heffernan KS. "Exercise as Vascular Medicine." *Columbia University Academic Festival.*

Sandra Hewett (*Biology*)

- Winter Conference on Brain Research, Symposium on The System xc- glutamate/cystine exchanger: Consequences of the revolving door. Jan 2015
- 10th Great Lakes Conference on Glia Research, Astrocytes in Health and Disease, Sept 2015.
- Hewett, S.J., Dhandapani, K., Gong, Y., Shi, J., Hewett, J.A. Regulation of Constitutive Neuronal Cyclooxygenase-2. American Society for Neurochemistry, Atlanta, March 2015.

Michael Kalish (*Psychology*)

- **Kalish, M.** & Stephens, R. (2015). Classifying category learners. Paper presented at the Society for Mathematical Psychology, Newport Beach CA, July 2015.
- Kalish, M. (2015). Talking about category learning. Paper presented at the 14th Annual Summer Interdisciplinary Conference, Mammoth Lakes CA, July 2015.

Donna L. Korol (*Biology*)

- Korol, D.L. (2015). Use it and Boost it with Mental and Physical Activity: A role for BDNF. Presented at University of Pittsburgh Medical Center, Basic Biology of Aging work group, March 9, 2015.
- Korol, D.L. (2015). Jog your memory with physical and mental activity. University of Connecticut, Department of Psychology seminar series, October 7, 2015.
- Korol, D.L. (2015). Aging and Saging. Presented to the St. Camillus Brain Health Workshop, November 4, 2015.
- Zigmond, M.J., Ambrosio, R., Castro, S.L., Jaumotte, J.D., **Korol, D.L.**, #Newman, L.A., Sanders, L.H., Smeyne, R.J., and Vallejo, A.D. (2015). An enriched environment modulates factors associated with healthy brain aging in rats. 45th Annual meeting for the Society for Neuroscience, *Society for Neuroscience Abstracts* 41, 205.26.
- Castro, S.L., Jaumotte, J.D., Smeyne, R.J., Korol, D.L., Ambrosio, F., DeVallejo, A.N., Cameron, J.L., #Newman, L.A., Cole, K., Barry, K., and Zigmond, M.J. (2015). Does housing in an enriched environment promote healthy aging detectable by peripheral biomarkers? Studies in older laboratory animals. 9th Annual Aging Institute Research Day, University of Pittsburgh Medical Center, March 30, 2015.

Kate Lewis (*Biology*)

- Invited seminar at University of Vermont, Biology Department, Burlington, USA
- Seminar at Drexel University, Biology Department, Philadelphia, USA
- Poster presentation at Zebrafish Principal Investigator's biannual strategic conference. "Interneuron specification in the zebrafish spinal cord".

Soren Lowell (*Communication Sciences & Disorders*)

- **Lowell, SY**, Kelley, RT, Busekroos, L, Voleti, RV, *Hosbach-Cannon, CJ, Colton, RH (May, 2015). Effects of training on visual-perceptual nasolaryngoscopy ratings of tremor. Oral platform presentation, 2015 Voice Foundation's Annual Symposium for Care of the Professional Voice, Philadelphia, PA.
- Lowell, SY (October, 2015). Essential voice tremor: Characteristics and treatment. Invited speaker for a Philadelphia essential tremor support group. Philadelphia, PA.

Shikha Nangia (*Biomedical and Chemical Engineering*)

- Engineering nanocarriers for brain tumor treatment, **Shikha Nangia** and Juntao Luo, *Nappi Research Award Competition, Syracuse University, Syracuse, NY* (December 11, 2015).
- Coarse grained parameterization of gram-negative bacterial outer membrane, Shikha Nangia, *AIChE Annual Meeting, Salt Lake City, UT* (November 8–13, 2015).
- Multiscale simulations to characterize the blood brain barrier tight junctions, Shikha Nangia, *AIChE Annual Meeting, Salt Lake City, UT* (November 8–13, 2015).
- Insights into the blood brain barrier tight junctions for treatment of Alzheimer's disease, Shikha Nangia, *2015 West Virginia University, Morgantown, WV* (August 28, 2015).
- Molecular characterization of the blood brain barrier tight junctions, *Young Investigator Symposium, Shikha Nangia, 250th ACS National Meeting, Boston MA* (August 16–20, 2015).
- Multiscale simulations to characterize the blood brain barrier tight junctions, Shikha Nangia, *Neuroscience Research Day, Syracuse, NY* (April 3, 2015).

Jonathan Preston (*Communication Sciences & Disorders*)

- Preston, J.L (2015, Dec). *Training SLPs to work with at-risk, disadvantaged children with atypical development*. Invited presentation for the Haskins Global Summit on Early Development, Health, and Learning Among At-Risk Children, New Haven, CT.
- Harwood, V., **Preston, J.L.**, & Grela, B. (2015, Nov) *Electrophysiological correlates of speech perception in young children: Associations among ERP, nonword repetition and language*. Seminar presented at the American Speech-Language-Hearing Association Annual Convention
- Sjolie, G[^]., Leece, M.C., & **Preston, J.L.** (2015, Nov) *Effects of ultrasound visual feedback on generalization, retention, and acquisition in speech therapy for rhotics*. Poster presented at the American Speech-Language-Hearing Association Annual Convention, Denver, CO.
- **Preston, J.L.** McAllister Byun, T. & Hitchcock, E., Rusewicz, H., Leece, M. & Boyce, S. (2015, Nov). *Ultrasound biofeedback for speech sound disorders: Hands-on clinical training*. Invited Short Course for the American Speech-Language-Hearing Association Annual Convention, Denver, CO.
- Preston, J.L. (2015, Oct). *Motor-based treatments with ultrasound visual feedback for children with residual speech sound errors*. Presented at the University of Buffalo Communication Sciences & Disorders colloquium, Buffalo, NY.
- Collisson, B. A., Graham, S. **Preston, J.L.**, Rose, S., McDonald, S., Tough, S. (2015, Oct). *Risk and protective factors for late talking: An epidemiological study*. Paper presented at the Cognitive Development Society, Columbus, OH.
- **Preston, J.L.**, McCabe, P., Tiede, M. & Whalen, D. (2015, Jun) *Tongue shape complexity of correct and distorted rhotics in school-age children*. Poster presented at the International Child Phonology Conference, St. John's, Newfoundland, Canada.
- Preston, J.L (2015, Apr). *Intervention for residual speech sound disorders*. Workshop presented for the Central New York Speech-Language-Hearing Association, Syracuse, NY.
- **Preston, J.L** & Leece, M. (2015, Apr). *Assessing and treating CAS and other speech sound disorders with ultrasound technology*. Seminar presented at the 2015 New York State Speech-Language-Hearing Association Annual Convention, Rochester, NY.
- Preston, J.L (2015, Mar). *Current Perspectives on Assessment and Treatment of Childhood Apraxia and other Speech Sound Disorders*. Invited presentation for the Duquesne University symposium, Pittsburgh, PA.

Beth Prieve (*Communication Sciences & Disorders*)

- Prieve B. (2015) Update on Otoacoustic Emissions in Newborn Hearing Screening and Diagnosis. Frontiers in Hearing, Vail, Colorado.
- Prieve, B. (2015). Auditory responses in preterm infants. Neuroscience Research Day, Syracuse University.
- Prieve, B. and Voss, S. (2015). Wideband Acoustic Absorbance. Syracuse University Continuing Education Seminar, Gebbie Hearing Clinic/Department of Communication Sciences and Disorders.

Natalie Russo (*Psychology*)

- Russo, N. (March 30th, 2016). Symposium presentation: Advances in neurodevelopmental theory and implications for research approaches in neurodevelopmental disorders. The ART program and NeuroDevNet invitation to the Autism Research Training Winter Institute, Banff, Alberta, Canada.
- Russo, N. (May, 14, 2015). Visual Search in Time Among Persons with an Autism Spectrum Disorder. Part of a panel on “Attending to Attention Among Persons with Autism Spectrum Disorder: Perspectives on Strengths, Weaknesses, and Goodness-of-Fit”. International Meeting for Autism Research, Salt Lake City, Utah.
- Russo, N. (December 4, 2015). The Peer Review Process. Colloquium for the Cognition, Brain and Behavior proseminar series.
- Russo, N. (November 13, 2015). Sensory processing and multisensory intergration in Autism Spectrum Disorders. Seminar given to students in Graduate Neuroscience Concentration, Syracuse University
- Russo, N. (November 10, 2015). A primer on Event-Related Potentials. Seminar given to students in Graduate Neuroscience Concentration, Syracuse University

Lael Schooler (*Psychology*)

- Schooler, L. J. (2015). Invited speaker at the “Workshop on Memory Processes in Judgment and Decision Making: Toward an Integrative Perspective”, Center for Economic Psychology, University of Basel, Switzerland.
- Schooler, L. J. (2015). Invited speaker at the “The Summer Institute on Bounded Rationality”, Max Planck Institute for Human Development, Berlin, Germany.
- Schooler, L. J. (2015). Colloquium Department of Cognitive Science, Rensselaer Polytechnic Institute, Troy, New York.
- Schooler, L. J. (2015). Invited speaker at the “Wagner Conference 2015: Decision-making at Research Frontiers”, Department of Philosophy, University of Nevada, Reno
- Schooler, L. J. (2015). Invited speaker at the Neural Information Processing Systems workshop on bounded optimality and rational metareasoning. Montreal

Margaret Voss (*Nutrition*)

- Voss, MA. Red skies at night: The physiological and ecological consequences of artificial light at night. Cornell University Biological Field Station Summer Seminar Series, July 22, 2015.
- Voss, MA. The metabolic ecology of artificial light at night. Clarkson University Biology Seminar series, September, 18, 2015

Corey White (Psychology)

- Liebman, E., Stone, P., & **White, C. N.** (2015). Decision mechanisms underlying mood-congruent emotional classification. *2nd Conference on Reinforcement Learning and Decision Making*. * Chosen for oral symposium.
- Liebman, E., Stone, P., & **White, C. N.** (2015). How music alters decision making: Impact of music stimuli on emotional classification. *16th International Society for Music Information Retrieval Conference*.
- Huang, Y., **White, C. N.**, Xia, H., & Wang, Y. (2015). Modeling sharing decisions of campus safety reports and its design implications to mobile crowdsourcing for safety. *Proceedings of the 17th International Conference on Human-Computer Interaction with Mobile Devices and Services*.
- Huang, Y., Wang, Y., & **White, C. N.** (2014). Designing a mobile system for public safety using open crime data and crowdsourcing. *2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing proceedings*.
- White, C. N. (2015) *Extraneous factors influence measures of attention in the Attentional Networks Task*. Paper presented at the Annual Meeting of the Psychonomics Society, Chicago, IL.
- White, C. N. (2015). *Group comparisons of emotional processing using drift-diffusion models*. Paper presented at the meeting of the International Society of Researchers in Child and Adolescent Psychiatry, Portland, Oregon.

Torsten Woellert (Biology)

- **Torsten Woellert** and George M. Langford (Biology): IQGAP1 is a potential target for the observed changes in F-actin dynamics in human oral keratinocytes during *Candida albicans* pathogenesis. ASCB Annual Meeting, San Diego, CA, December 2015
- **Torsten Woellert** (Biology): Actin-based organelle transport in model organisms. Syracuse University, Syracuse, NY, November 2015

Presentations by Postdocs[#], Graduate* or Undergraduate Students[^]

Joseph W. Ditre (Psychology)

- Ditre, J. W. (March, 2015). *Bidirectional relations between pain and addiction: Tobacco smoking as a model for hypothesis testing and treatment development*. Invited talk hosted by the Department of Psychiatry, SUNY Upstate Medical University, Syracuse, New York.
- Medvedeva, A., Bakhshaie, J., **Ditre, J. W.**, Langdon, K. J., & Zvolensky, M. J. (November, 2015). *Current Experience of Pain and Cognitive-Affective Smoking Processes among Daily Smokers*. Poster presented at the Oncologic Emergency Medicine Conference, Houston, Texas.
- Kosiba*, J. D., Mitzel*, L., De Vita*, M. J., Zale*, E. L., & **Ditre, J. W.** (April, 2015). *Associations between pain severity, anxiety, and frequency of cannabis use*. Poster presented at the 36th annual meeting of the Society of Behavioral Medicine, San Antonio, Texas.
- **Ditre, J. W.**, Zale*, E. L., Kosiba*, J. D., & De Vita*, M. J. (February, 2015). A preliminary study of the effects of smoking abstinence & nicotine withdrawal on experimental pain reactivity. Poster presented at the 21st annual meeting of the Society for Research on Nicotine and Tobacco, Philadelphia, PA.

Karen Doherty (*Communication Sciences and Disorders*)

- Maldonado, C. C.* & **Doherty, K.A.** (2015). Difficulty hearing during the early stages of age-related hearing loss and motivation to take action. National Center for Rehabilitative Auditory Research Conference: Hearing Loss as a Public Health Concern. Portland, OR.
- Maldonado, C. C.* & **Doherty, K.A.** (2015). Motivation for change during early stages of hearing loss. American Auditory Society Meeting, Scottsdale, AZ.
- Maldonado, C. C.* & **Doherty, K.A.** (2015). Early age-related changes in high frequency hearing thresholds, hearing handicap, and motivation to take action. New York State Speech Language Hearing Association, Saratoga, NY.

Paul Gold (*Biology*)

- Wang*, W., **Gold, P.E.**, and Korol, D.L. Estradiol increases extracellular glucose concentration in hippocampus of young adult female rats. 19th Annual Meeting of the Society for Behavioral Neuroendocrinology, Pacific Grove, CA, 2015.
- Newman#, L.A., Gardner#, R.S., Hamling^, B.V., Korol, D.L., and **Gold, P.E.** Aging in rats leads to task-dependent impairments and improvements in learning that are accompanied by changes in markers of brain energetics. Society for Neuroscience, 45th Annual Meeting, Chicago, IL. 2015.
- Wang*, W., **Gold, P.E.**, and Korol, D.L. Estradiol increases extracellular glucose concentrations in the hippocampus of young adult female rats. Society for Neuroscience, 45th Annual Meeting, Chicago, IL. 2015.

Sarah E. Hall (*Biology*)

- J. Sims, M. C. Ow#, M. Nishiguchi^, P. Sengupta, **S. E. Hall** “Developmental history regulates olfactory behavior via RNAi pathways”, International Worm Meeting, UCLA, Los Angeles, CA.
- M. Ow#, **S. Hall** “The Argonaute CSR-1 mediates genome-wide chromatin remodeling and gene expression changes resulting from distinct early life history events”, International Worm Meeting, UCLA, Los Angeles, CA.
- M.C. Ow# and **S.E. Hall** “The Argonaute protein CSR-1 mediates genome-wide chromatin remodeling and gene expression changes resulting from distinct early life history events”, Upstate New York *C. elegans* Meeting, Syracuse, NY
- J.R. Sims, M.C. Ow#, M. Nishiguchi^, M. O’Donnell#, P. Sengupta, and **S.E. Hall** “Environmental conditions alter RNAi pathways regulating olfactory behavior and developmental history in *C. elegans*”, Upstate New York *C. elegans* Meeting, Syracuse, NY
- A.D. Hager^ and **S.E. Hall** “RNAi pathways regulate chemosensation in *C. elegans*”, Upstate New York *C. elegans* Meeting, Syracuse, NY
- P. Bharadwaj* and **S.E. Hall** “Endogenous RNAi pathways regulate dauer formation in *C. elegans*”, Upstate New York *C. elegans* Meeting, Syracuse, NY

Kevin Heffernan (*Exercise Science*)

- Wade M^, Lefferts K*, **Heffernan KS.** The Effects of Acute Resistance Exercise on Vascular and Cognitive Function, Mid-Atlantic Regional Chapter of the American College of Sports Medicine Conference, 2015.

- Nunemacher K*, Augustine J*, Lefferts W*, Barreira T, **Heffernan, KS**. Physical Activity Mediates the Relationship Between Sleep Quality and Vascular Health in Older Adults. Mid-Atlantic Regional Chapter of the American College of Sports Medicine Conference, 2015.
- Babcock M*, Lefferts W*, **Heffernan KS**. Acute Effects of High-Intensity Exercise on Femoral Artery Stiffness and Shear Patterns. Mid-Atlantic Regional Chapter of the American College of Sports Medicine Conference, 2015.
- Augustine J*, Nunemacher K*, **Heffernan KS**. Menstrual Cycle Phase and the Vascular Response to Acute Resistance Exercise. Mid-Atlantic Regional Chapter of the American College of Sports Medicine Conference, 2015.
- Lefferts W*, Babcock M*, ^Tiss M, White CN, Brutsaert T, **Heffernan KS**. Effect of hypoxia on cerebrovascular and cognitive function during exercise. Mid-Atlantic Regional Chapter of the American College of Sports Medicine Conference, 2015.
- Lefferts W*, Hughes W*, **Heffernan KS**. Effect of acute dietary nitrate supplementation on central hemodynamic load in hypoxia. North American Artery Society Meeting, 2015.
- Augustine J*, Lefferts W*, Spartano N#, Hughes W*, Gump G, **Heffernan KS**. Physical function, cognitive function and aortic stiffness in older adults. American College of Sports Medicine National Meeting, 2015.
- Lefferts W*, Hughes W*, Brutsaert T, White C, **Heffernan KS**. Effect of nitrate supplementation on cognitive function and neurovascular coupling in hypoxia. American College of Sports Medicine National Meeting, 2015.
- Babcock M.*, Lefferts W*, **Heffernan KS**. Relation between exercise central hemodynamic load and resting cardiac structure and function in young men. American College of Sports Medicine National Meeting, 2015.
- Nunemacher K*, Augustine J*, Benevento E*, Columna L, Luke M, Russo N, Lowmy T, Ingram E, **Heffernan KS**. Social inclusion, movement and cardiovascular disease risk in adults with intellectual disabilities. American College of Sports Medicine National Meeting, 2015.

James Hewett (*Biology*)

- Shahidzadeh, S.*, Hewett, J.A. and Hewett, S.J. Regulation of seizure threshold by system xc- in the pentylenetetrazol model of temporal lobe epilepsy. Presented at the 45th Annual Meeting of the SFN (2015), Program number 386.16. Society for Neuroscience October, 2015
- Yifan Gong* and James Hewett. "The effect of T-cell intracellular antigen-1 deletion on brain Cyclooxygenase-2 expression, acute seizure generation, and epileptogenesis." Abstract #1.318. Presented during the 69th annual meeting of the American Epilepsy Society in December 2015
- Rosa Leon^ and James Hewett. "Acute kainic acid-induced status epilepticus is augmented in mice lacking the interleukin-1beta receptor type 1." Abstract #3.060. Presented during the 69th annual meeting of the American Epilepsy Society in December 2015

Sandra Hewett (*Biology*)

- Kanzler, M.A.^, Vought, V.E., Hewett, J.A., Hewett, S.J. Regulation of Seizure Threshold by Sex and L-12/15 Lipoxygenase in the Pentylenetetrazol Model of Temporal Lobe Epilepsy. American Society for Neurochemistry, Atlanta, March 2015.

- Shahidzadeh, S.*, Hewett, J.A. and Hewett, S.J. Regulation of seizure threshold by system xc- in the pentylenetetrazol model of temporal lobe epilepsy. Presented by SS at the 45th Annual Meeting of the SFN (2015), Program number 386.16. Society for Neuroscience October, 2015
- Shahidzadeh, S.*, Hewett, J.A. and Hewett, S.J. Regulation of seizure threshold by system xc- in the pentylenetetrazol model of temporal lobe epilepsy. Poster presented by S.S. at Syracuse University's Graduate Research Symposium, October 2015
- Leon, R[^], Hewett, S., Hewett, J. Acute Kainic Acid-Induced Status Epilepticus is augmented in mice lacking Interleukin-1beta receptor type 1. 69th Annual American Epilepsy Society Meeting, Dec 2015.

Donna L. Korol (Biology)

- Wang, W.*, Gold, P.E., and **Korol, D.L.** (2015). Estradiol increases extracellular glucose concentration in hippocampus of young adult female rats. 19th Annual meeting of the Society for Behavioral Neuroendocrinology, Pacific Grove, CA 2015.
- Newman, L.A.[#], Gardner, R.S.[#], Hamling[^], B.V., **Korol, D.L.**, and Gold, P.E. (2015). Aging in rats leads to task-dependent impairments and improvements in learning that are accompanied by changes in markers of brain energetics. 45th Annual meeting for the Society for Neuroscience, *Society for Neuroscience Abstracts* 41, 179.21.
- Wang, W.*, Gold, P.E., and **Korol, D.L.** (2015). Estradiol increases extracellular glucose concentration in the hippocampus of young adult female rats. 45th Annual meeting for the Society for Neuroscience, *Society for Neuroscience Abstracts* 41, 614.03.
- Kundu, P.*, Tunur[#], T., **Korol, D.**, Bandara, S.*, Monaikul, S.*, Helferich, W.G., and Schantz, S. (2015). The effects of the botanical estrogen isoliquiritigenin on cognition in young adult female rats. 45th Annual meeting for the Society for Neuroscience, *Society for Neuroscience Abstracts* 41, 614.05.

Kate Lewis (Biology)

- Sam England[#] and **K.E. Lewis**. Transcription Factor Profiling: A Tool for Analyzing Ventral Interneuron Specification in the Zebrafish Spinal Cord. Society for Developmental Biology Annual Meeting 2015
- José Marrero-Rosado[^], Jason Zheng[^], John Hassett, James Hewett, Frank Middleton, **Katharine Lewis**. Determining the Toxicity of PXE and PTE, Two Chemicals Isolated from Onondaga Lake. Presented at national LSAMP conference in Maryland, won first place in the Biological Sciences category in the Syracuse University Undergraduate Research Symposium, summer 2015.

Aesoon Park (Psychology)

- Cunningham, K., Scott-Sheldon, L. A. J., Carey, K. B., Eckert, T. L., **Park, A.**, Venable, P.A., & Carey, M. P. (2015, April). Gender differences in affective response to BIS/BAS sensitivity on adolescent health risk behaviors. Paper presented at the annual meeting of the Society for Behavioral Medicine, San Antonio, TX.
- Zaso, M. J., **Park, A.**, Kim, J., Desalu, J. M., & Kwon, H. (2015, August). Alcohol-related consequences and future drinking: The role of experience and subjective evaluations. Paper presented at the annual convention of the American Psychological Association, Toronto, ON.

Natalie Russo (Psychology)

- Hagmann, E[#], & **Russo, N.** (November, 2015). Trisensory Integration During Spatially Focused Attention. Poster accepted to the Annual Psychonomic Society Annual Meeting, Chicago, Ill.
- Nunemacher, K[^] Augustine, J^{*}, Benevento, E^{*}., Columna, L, Luke, M., Lowney, T., Ingram, E., **Russo, N.**, & Heffernan, K. (May, 2015). Social inclusion, movement and cardiovascular disease risk in adults with intellectual disabilities. American College of Sports Medicine, San Diego, California.
- LeMon, [^]J, Kates, W., & **Russo, N.** (April, 2015). Finding Psychological Indicators of Psychiatric Illness in Individuals with Velo-Cardio-Facial Syndrome. Syracuse University Undergraduate Poster session, Syracuse, NY
- Brennan, K, [^] Hagmann, C.E. [#], LeBlanc, M, Shea, N^{*}., Wyble, B, Kates, W., & **Russo, N.** (April, 2015). Enhanced Perceptual Abilities in Children with ASD on RSVP Task. Syracuse University Undergraduate Poster session, Syracuse, NY
- Payne, E.[^], Shea, N.^{*}, & **Russo, N.** (April, 2015). The Interaction of Socialization and Externalizing Problems in Autism Spectrum Disorder. Syracuse University Undergraduate Poster session, Syracuse, NY
- Silberman, M[^]., Hagmann, C.E.[#], Black, C. [^], Shea, N.^{*}, & **Russo, N.** (April, 2015). Effects of an Auditory Stimulus on a Visual Detection Task. Syracuse University Undergraduate Poster session, Syracuse, NY
- Black, C[^].,Hagmann, C.[#], Silberman, M.[^], Shea, N^{*}., & **Russo, N.** (April, 2015). Selective attention task reveals that multisensory integration rules do not always apply. Syracuse University Undergraduate Poster session, Syracuse, NY.
- LeMon, J[^], Kates, W. & **Russo, N.** (march, 2015). Finding Psychological Indicators of Psychiatric Illness in Individuals with Velo-Cardio-Facial Syndrome. 16th University of Maryland National Conference for McNair Scholars and Undergraduate Research
- Black, C. [^], & **Russo, N.** (march, 2104). Extending Multisensory Integration to Selective Attention in a Spatial Domain. Eastern Psychological Association, Philadelphia (*Psy Chi Best poster award to Conner Black*)

Margaret Voss (Nutrition)

- Kelly Ventura[^] (Cornell University, Duke Foundation Fellow), Barn Swallows & Excessive Lighting: The Physiological Implications of Artificial Night Lighting; Cornell Resource Management Departmental Symposium, November 2015

Kathy Vander Werff (Communication Sciences & Disorders)

- Niemczak, C.E.^{*} & Vander **Werff, K.R.** (2016, February). Informational masking effects on neural encoding of acoustic change. NIH Mentored Student Award poster presented at the American Auditory Society Annual Meeting, Scottsdale, AZ.

Corey White (Psychology)

- Curl, R. A., Sloane, J. F., & **White, C. N.** (2015). *Exploring the representation of semantic similarity in recognition memory.* Poster presented at the Annual Meeting of the Psychonomics Society, Chicago, IL.
- Lefferts, W. K., Hughes, W. E., **White, C. N.**, Brutsaert, T. D., & Heffernan, K. S. (2015). *Effect of Acute Nitrate Supplementation on Neurovascular Coupling at High Altitude.* International Journal of Exercise Science: Conference Proceedings, 9, 54.

- Skokin, K., Malanson, R., Malloy, B., Miles, R., Huang, Y., & **White, C. N.** (2015). Mobile app for crime crowdsourcing optimized with location information. Poster presented at the Psychology Undergraduate Research Symposium, Syracuse, NY.
- Skokin, K., Weaver, A., Stith, C., Malanson, R., & **White, C. N.** (2015). *Piloting a profile of cognitive deficits: Response inhibition and perceptual discrimination in Trichotillomania and Obsessive-Compulsive Disorder.* Poster presented at the Psychology Undergraduate Research Symposium, Syracuse, NY.
- Stith, C., Weaver, A., Carlos, B., Grabarits, C., Curl, R., & **White, C. N.** (2015). *Semantic similarity sphere of influence stretches beyond categorized word response rate.* Poster presented at the Psychology Undergraduate Research Symposium, Syracuse, NY.
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Kevin Antshel (Psychology)

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Dessa Bergen-Cico (Public Health)

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Joseph W. Ditre (*Psychology*)

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Karen Doherty (*Communication Sciences and Disorders*)

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Bart Farell (*Biomedical & Chemical Engineering*)

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Joshua C. Felver (*Psychology*)

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Paul Gold (*Biology*)

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Sarah E. Hall (*Biology*)

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James Hewett (*Biology*)

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Sandra Hewett (*Biology*)

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Michael Kalish (Psychology)

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Donna L. Korol (Biology)

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Kate Lewis (Biology)

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Shikha Nangia (Biomedical and Chemical Engineering)

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Aesoon Park (Psychology)

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Jonathan Preston (Communication Sciences & Disorders)

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Beth Prieve (Communication Sciences & Disorders)

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Ellyn Riley (Communication Sciences & Disorders)

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Natalie Russo (Psychology)

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Lael Schooler (Psychology)

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Margaret Voss (Nutrition)

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Corey White (Psychology)

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Torsten Woellert (Biology)

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New grants awarded

Kevin Antshel (Psychology)

- Nappi Family Collaborative Grant, Antshel (PI) 2016 – 2018
 - *Developing a behavioral parent training program specific to high frequency maladaptive behaviors in autism spectrum disorder (ASD)*
 - This grant aims to develop, adapt, refine and test a behavioral parent training program specific to high frequency maladaptive behaviors (e.g., aggression, sleep issues, feeding problems) in ASD.

Dessa Bergen-Cico (Public Health)

- Is Mindful Meditation Effective and Culturally Relevant for Native People (2015-2017) Mind and Life Institute, Francisco J. Varela Research Award (PI Proulx, J.) (Co-Investigator Bergen-Cico, D.)
- In This Together: Trauma Victims and Community Violence, (2015-2016) Community Foundation of Central New York and John Snow Foundation (PI - Stone Fish, L. (PI) (Co-Investigator Bergen-Cico, D.)

Carlos Castañeda (Biology & Chemistry)

- Nappi Family Research Award, Syracuse University: New inhibitors of p53/Mdm2 binding to treat cancer (co-PI)

Joseph W. Ditre (Psychology)

- F31DA039628 (PI: Zale; Sponsor: Ditre) 06/2015 – 05/2017 NIH/NIDA \$87,288 (Total)
 - *Increasing Cessation Motivation and Treatment Engagement among Smokers in Pain*
 - The goal of this Predoctoral NRSA (awarded to advanced clinical graduate student, Emily Zale) is to test a brief primary care-based intervention for smokers with co-occurring pain that is designed to increase knowledge of pain-smoking interrelations, enhance motivation to engage a serious quit attempt, and increase engagement in available smoking cessation treatment.
- Research Pilot Grant (Funderburk, Ditre, Maisto) 04/2015 - 04/2016 VA Center for Integrated Healthcare \$23,498 (Total)
 - *Smoking and Health in Primary Care: Pilot Study*

- The primary aims of this pilot study are to examine the prevalence and covariation of factors associated with comorbid pain and smoking among Veterans, and to adapt/develop a brief primary care-based motivational smoking intervention for Veterans with co-occurring pain.

Paul Gold (*Biology*)

- 2015-2020 NIH: Mechanisms of cognitive deficits in dystroglycanopathies (co-I; PI: H. Hu [Upstate Medical University]).
- 2015-2017 NIDA: Durable changes in cognition and astrocytic bioenergetics after drug experience

Kevin Heffernan (*Exercise Science*)

- Heffernan, K.S (Ex Sci). *Use of External Compression to Improve Circulation and Enhance Recovery from High Intensity Exercise* – SU Internal Seed Grant – PI
- Heffernan, K.S (Ex Sci). *“Honestly, I’m Sweating!”: Exploring Physiological Responses to Clinical Simulations* - SU Internal Seed Grant – SU Internal Seed Grant – co-PI

Sandra Hewett (*Biology*)

- 2016-2018 - NINDS/NIH 1R21NS096676-01 “Understanding the role of system xc- in ischemic injury and recovery.” - PI.
- 02-08/2016 - New York State Department of Health. Spinal Cord Injury Research Institutional Support 5 - PI.

Kate Lewis (*Biology*)

- New York State Spinal cord injury funds. "Institutional Support of Spinal Cord Injury Research 2016".
- 2014-2019 - NIH NINDS R01NS077947 “Specification of Functional Characteristics of Spinal Cord Interneurons”. \$1,618,750, PI.
- 2014-2017 - International Human Frontier Science Program Organization (HFSP). CoPI with Claire Wyart of The French Brain and Spine Institute, Paris and Patrick Delmas of Aix Marseille University, Marseille. \$900,000.
- 2014-2016 - Hill Collaboration on Environmental Medicine, Disorders of the Nervous System, pilot funds.
- Neurotoxicity of early life exposure to contaminants isolated from Onondaga Lake bed sediment. CoPI with John Hassett (ESF), Jim Hewett (SU) and Frank Middleton (UMU). \$15,000.
- 2014-2016 - NSF 1257583: Specification of V0v interneurons in the zebrafish spinal cord. REU supplement \$6,000. PI.
- 2014-2016 - NSF 1257583: Specification of V0v interneurons in the zebrafish spinal cord. RET supplement \$8,336. PI.

Shikha Nangia (*Biomedical and Chemical Engineering*)

- Nappi Research Award, Engineering nanocarriers for brain tumor treatment, \$100,000.
- NIH R21, Co-Investigator, Rational Design and High Throughput Synthesis of Nanocarriers for Efficient Drug Delivery. \$76,000. 8/1/2015 - 7/31/2017
- NSF CAREER, PI, Enabling Transport Across the Blood-Brain Barrier by Engineering Thermodynamically Favorable Pathways, \$500,000. 4/1/2015 - 3/31/2020
- XSEDE Supercomputer Allocation MCB140216, PI, Multiscale Molecular Modeling of the Biomolecular Interfaces for Enhancing Drug Delivery and Designing Antimicrobial Peptides, 1.3 million hours, (equivalent to 46,267.71) 10/01/2015 –09/30/2016
- Faculty Excellence Award, Syracuse University, Enhancing the Teaching and Learning of Chemical Thermodynamics using Active-Learning Pedagogies, \$17,000. 5/1/2015 –4/31/2016

Beth Prieve (*Communication Sciences & Disorders*)

- Beth A Prieve (PI). Building the Next Generation of Clinical Researchers – The American Auditory Society Conference. National Institutes of Health (NIDCD). August 1, 2016-July 31, 2021. TDIC- \$199,980.
- In year 2 of Beth A Prieve and Linda Hood (Multi PI). Modeling Auditory Responses and Behavioral Outcomes in Preterm Infants. National Institutes of Health (NIDCD). August 1, 2014-July 31, 2019. TDIC – 3,011,367

Corey White (*Psychology*)

- Childhood Obesity Prevention Program SEED grant, Pennsylvania State University 1/16-12/16
The role of reward and inhibitory control pathways in overeating in health and overweight children PI: Shana Adise; CO-I: Nicole Roberts, Corey White, Charles, Geier, Kathleen Keller. Total costs: \$14,994
- SOE Joan N. Burstyn Endowed Fund for Collaborative Research (Syracuse University internal) 8/15-8/16
Effects of exercise on markers of brain function at high altitude. PI: Wesley Lefferts, Collaborators: Kevin Heffernan, Corey White. Total Costs: \$2,470

Advisory and Review Boards

Kevin Antshel (*Psychology*)

- NIH Child Psychopathology and Developmental Disabilities Study Section (Ad-hoc)

Amy Criss (*Psychology*)

- National Science Foundation, Perception, Action and Cognition Program, Behavioral and Cognitive Science division - College of Reviewers
- President, Society for Mathematical Psychology

- Indiana University, Department of Cognitive Science Advisory Board

Karen Doherty (*Communication Sciences and Disorders*)

- Ear and Hearing Alliance, Board Member, Director of Audiology

Bart Farell (*Biomedical & Chemical Engineering*)

- Reviewer for:
 - Journal of Vision
 - Vision Research
 - Attention, Perception and Psychophysics
 - National Science Foundation
 - Journal of Neuroscience
 - Current Biology
 - Ophthalmic and Physiological Optics
 - Journal of Experimental Psychology

Joshua C. Felver (*Psychology*)

- Editorial Board Member
 - Mindfulness
- Ad hoc reviewer
 - Journal of School Psychology
- Conference Proposal Reviewer
 - National Association of School Psychologists Annual Convention, 2015

Paul Gold (*Biology*)

- Alzheimer's Association

Kevin Heffernan (*Exercise Science*)

- Heffernan, K.S (Ex Sci). *American Heart Association Grant Reviewer (Clinical Biobehavioral Study Section)*
- Heffernan, K.S (Ex Sci). *American College of Sports Medicine Grant Reviewer*
- Heffernan, K.S (Ex Sci). *Mid-Atlantic Regional Chapter of the American College of Sports Medicine Executive Board Member*

James Hewett (*Biology*)

- External Referee, Research Foundation - Flanders (Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO), Belgium

Sandra Hewett (*Biology*)

- *NIH/CSR study section*: ZRG1 MDCN-T (03) Molecular and Cellular Developmental Neurosciences IRG, Division of Neuroscience, Development and Aging, November 2015.
- *International Society for Neurochemistry*: ISN Schools Initiative Committee — The ISN Schools Initiative provides support for the organization of schools in different regions of the world with the aim of training and updating the skills of young neuroscientists, particularly in emerging nations.

Michael Kalish (*Psychology*)

- NSF Graduate Fellowship Review Board

Donna L. Korol (*Biology*)

- Alzheimer's Association, Ad hoc reviewer
- NSF, Ad hoc reviewer and Advisory Panel for IOS
- LSAMP Faculty Advisory Board, Syracuse University

Soren Lowell (*Communication Sciences & Disorders*)

- Voice, Resonance & Alaryngeal Committee for Review of 2015 Conference Submissions, American Speech, Language and Hearing Association.

Shikha Nangia (*Biomedical and Chemical Engineering*)

- National Science Foundation, Graduate Research Fellowship Program Panelist
- National Science Foundation, Panelist for Particulate and Multiphase Processes Program

Jonathan Preston (*Communication Sciences & Disorders*)

- Grant Reviewer, Childhood Apraxia of Speech Association of North America

Beth Prieve (*Communication Sciences & Disorders*)

- External Advisor to the AuDGendB Project, NIH grant to C. Bryan Crenshaw, Children's Hospital of Philadelphia.
- President and Board Member, American Auditory Society
- Member, National Organization for Hearing Research Young Investigator Award Panel

Natalie Russo (*Psychology*)

- Grant reviews:
 - Hong Kong Research Council
 - National Institute of Mental Health (SEP ZRG1 BBBP-T; ZMH1 ERB-L-03)
 - National Institute of Child Health and Human Development (SBIR, LRP)
 - National Institute of Mental Health
 - Institute of Education Science

Lael Schooler (*Psychology*)

- Member Early Career Awards Committee for the Psychonomic Society.
- Member project advisory board for the Robert Wood Johnson Foundation funded study: “Mental Health Care Consumer Values and Preferences Regarding the Use of Provider Performance Data.” The project is headed by James Boswell of SUNY Albany.

Jacob Shreckengost (*Neuroscience ILM/Biology*)

- Reviewer: National Science Foundation Graduate Research Fellowship Program - Neuroscience

Margaret Voss (*Nutrition*)

- National Science Foundation Grant *review panel* (March 28-April 1, 2015) – Integrative Organismal Systems Biology. NSF Headquarters, Washington DC,
- National Science Foundation Grant *review panel* (October 21-October 23, 2015) – Integrative Organismal Systems Biology. NSF Headquarters, Washington DC

Editorial Boards

Kevin Antshel (*Psychology*)

- Journal of Attention Disorders
- Journal of Abnormal Child Psychology

Amy Criss (*Psychology*)

- Associate Editor – Behavioral Research Methods
- Editorial Board Member
 - Psychological Review

- Psychonomic Bulletin & Review
- Journal of Experimental Psychology: Learning, Memory, & Cognition
- Psychonomic Bulletin & Review
- Journal of Experimental Psychology: Learning, Memory, & Cognition
- Journal of Memory & Language

Joseph W. Ditre (*Psychology*)

- Consulting Editor:
 - Psychology of Addictive Behaviors
- Associate Editor:
 - BMC Public Health
- Section Editor:
 - Current Opinion in Psychology (Health Behavior 2015)
- Grant Reviewer:
 - California Tobacco-Related Disease Research Program (TRDRP)
- Disparities, Interventions, and Social Participatory Review Panel
 - University of Missouri Research Board (UMRB)
- Abstract Reviewer:
 - Preclinical Program Committee, Society for Research on Nicotine and Tobacco

Joshua C. Felver (*Psychology*)

- Associate Editor
 - Journal of Child and Family Studies

Paul Gold (*Biology*)

- Behavioral Neuroscience
- Neurobiology of Learning and Memory
- Reviews in the Neurosciences
- Psychonomic Bulletin & Review
- Psychobiology
- Open Longevity Science (formerly Open Aging Journal)
- Neural Plasticity
- Frontiers in Neuroscience
- American Journal of Neurodegenerative Disease
- International Journal of Brain Science

James Hewett (*Biology*)

- Deputy Editor: Metabolic Brain Disease
- Editorial Board: Experimental Biology and Medicine

Sandra Hewett (*Biology*)

- Associate Editor: *Prostaglandins and other lipid mediators* (appointed 2003)
- Editorial Board: *European Journal of Neurodegenerative Diseases* (appointed 2011)
- Associate Editor: *Neurochemistry International* (appointed 2014)
- Editorial Board: Experimental Biology and Medicine (appointed 2015)

Donna L. Korol (*Biology*)

- Hormones and Behavior, Elsevier
- Neurobiology of Learning and Memory, Elsevier
- Frontiers in Aging Neuroscience, Frontiers Journal Series
- Conference Papers in Science: Neuroscience, Hindawi

Shikha Nangia (*Biomedical and Chemical Engineering*)

- Scientific Reports, Editorial Board

Natalie Russo (*Psychology*)

- School Psychology Forum

Margaret Voss (*Nutrition*)

- Associate Editor for the Journal of Renewable Agriculture and Food Systems

Aesoon Park (*Psychology*)

- Editorial Board, Psychology of Addictive Behaviors

Lael Schooler (*Psychology*)

- Consulting Editor Psychological Review (2010-2015)
- Member Senior Editorial Board Topics in Cognitive Science (2012-present)
- Member Editorial Board PsyCh Journal (2013-present)

Kathy Vander Werff (*Communication Sciences & Disorders*)

- Editorial Board Member, *American Journal of Audiology*

Corey White (*Psychology*)

- Guest Editor: *Journal of Mathematical Psychology*

Outreach

Carlos Castañeda (*Biology & Chemistry*)

- Hosted one NSF Chemistry REU program student for summer research.

Karen Doherty (*Communication Sciences and Disorders*)

- Interview with Linda Cohen. HealthLink on Air. WRVO Public Media (89.9 and 90.3 FM) www.upstate.edu/healthlinkonair. May 13, 2015.

Sarah E. Hall (*Biology*)

- I continued my participation in the Syracuse University Project Advance (SUPA) Biology program. My lab served as a host for SUPA Biology high school teachers in training in the summer.

Sandra Hewett (*Biology*)

- Participated in “Chat n’ Chow” – dinner with first year undergraduate students to discuss their educational interests in a dormitory hall setting – 03/2015.
- Participated in faculty panel discussion for the LSAMP Summer Research program- 06/2015
- Provided guidance for 5th Grader Theodore Todorov on his Middle School Project “Careful how you play: head hits cause brain damage” –Took first place in his 5th grade division!
- Hosted Local Chapter of Jack and Jill of America, Inc; Four families from backgrounds under-represented in science came to SU with children ages 10-13 to meet scientists in my laboratory, to learn about the research happening in the lab, and to take a tour of the laboratory
- House Calls- visited with freshman on Mount Olympus to discuss academic science

Donna L. Korol (*Biology*)

- Movement for Healthy Aging, co-founder (with J. Wilmoth and M. Pagan), developing healthy aging programming for urban communities.
- The Wrinkled Brain Project, Highlighted Scientist, developing research program for educational curricular modules
- St. Camillus Brain Health workshops, invited participant to discuss research on aging to community members

- Society for Neuroscience Professional Development Program, invited participant, Career Development Topic – A Networking Event, *How to Choose a Post-doc*,

Kate Lewis (*Biology*)

- Society of Developmental Biology “Choose Development” Mentorship Program K. E. Lewis and postdoc S. England
- Biology Apprenticeship Day for Solvay students, 2015.
- Ongoing collaborations with Nottingham High School.

Shikha Nangia (*Biomedical and Chemical Engineering*)

- Project ENGAGE Instructor, Syracuse University
- High-school student mentoring

Awards and Honors

Dessa Bergen-Cico (*Public Health*)

- Fulbright Scholarship U.S. State Department, Institute of International Education; Council for International Exchange of Scholars, Republic of Georgia 2015-2016

Amy Criss (*Psychology*)

- FABBS (Federation of Associations in Behavioral & Brain Sciences) Foundation Early Career Impact Award (2015)
- Indiana University Outstanding Young Alumni Award (2015)

Joseph W. Ditre (*Psychology*)

- NIH Clinical Research Loan Repayment Program, NIDA (renewal), 2015

Kevin Heffernan (*Exercise Science*)

- *Lefferts W, *Hughes W, Heffernan KS. Effect of acute dietary nitrate supplementation on central hemodynamic load in hypoxia. *North American Artery Society Meeting*, 2015 – Best Abstract Award

Kate Lewis (*Biology*)

- Society for Developmental Biology “Choose Development” Mentor

Shikha Nangia (*Biomedical and Chemical Engineering*)

- OpenEye Outstanding Junior Faculty Award, American Chemical Society
- Nappi Research Competition Award
- NSF CAREER award
- Faculty Excellence Award, College of Engineering and Computer Science, Syracuse University

Natalie Russo (*Psychology*)

- Director, Intergrated Learning Major in Neuroscience
- Faculty research panel: new faculty orientation
- Board of Visitors dinner: Faculty Panel

Jacob Shreckengost (*Neuroscience ILM/Biology*)

- National Science Foundation: Science Case Network Fellow (Project #1344208)

Corey White (*Psychology*)

- Elected as Fellow of the Psychonomics Society

Other

Carlos Castañeda (*Biology & Chemistry*)

- Co-organizer, 14th Upstate NY NMR Symposium, 1st Upstate Structural Biology Symposium

Paul Gold (*Biology*)

- Mentor, POSSE Program, Los Angeles 2

Sarah E. Hall (*Biology*)

- Member of the Neuroscience ILM committee and the Neuroscience Seminar Organization Committee.
- Hosting Dr. William Fifer during his visit to SU in March.

Sandra Hewett (*Biology*)

- Participated in Gates Cambridge Mock Interview for Natalie Rebeyev
- *Secretary*: Presiding Officer for the American Society of Neurochemistry

Donna L. Korol (*Biology*)

- Co-mentor, (mentor: K. DeRuisseau), Extramural training support
NIH R36 Curcumin Supplementation and Aging Skeletal Muscle, 9/1/15-8/31/17
Candace Receno, PhD candidate

Shikha Nangia (*Biomedical and Chemical Engineering*)

- Member, Department of Biomedical and Chemical Engineering Faculty Search Committee. *Emphasis on stem cells and regenerative medicine research*
- Co-chair, Biomimetic and Biohybrid Materials and Devices, 2015 AIChE Annual Meeting, Salt Lake City, UT
- Research Panel, New Faculty Orientation Program, Syracuse University
- Member, Department of Psychology Faculty Search Committee. *Emphasis on Cognition, Brain, & Behavior science*
- Biomedical and Chemical Engineering Department Seminar Series Coordinator
- Presenter, workshop sponsored by Women in Science and Engineering (WiSE)

Margaret Voss (*Nutrition*)

- Member NYS Academy of Science
- Member of the Society for Integrative and Comparative Biology
- Elected member American Ornithologist's Union
- Participant in the One World Health Initiative – interdisciplinary collaboration between physicians, osteopaths, veterinarians, and other scientific-health and environmentally related disciplines