



Newsletter Date: January 19, 2012

Congratulations to

Rick Hyson who has been appointed the R. Bruce Masterton Eminent Scholar Chair in recognition of Rick's research and contributions to the Program in Neuroscience. The R. Bruce Masterton Eminent Scholar Chair was created to honor Bruce's outstanding scholarly contributions to the field of Neuroscience. Bruce was a major force in our department from 1967 until his death in 1996.

Frank Johnson, Richard Bertram (Mathematics), Rick Hyson, and Wei Wu (Statistics) on receiving a \$350,000 grant from the National Science Foundation for their project, "Functional architecture of a neural network for serial-order behavior" .

Lisa Eckel and Jon Maner on receiving a \$300,000 grant from the National Science Foundation for their research project entitled: "Hormonal and behavioral responses to social threat".

Jon Bailey who was selected as the 2012 recipient of the Fred S. Keller Behavioral Education award from the APA-Division 25. This award recognizes Jon's contributions to education to improve academic performance, classroom behavior, and pro-social skills in youth as well as Jon's efforts to promote the widespread adoption of effective, empirically validated teaching practices.

Rick Hyson who was appointed to the Editorial Board of *Neuroscience*.

Orenda Johnson who joined our faculty this semester as an Assistant in Psychology.

David Brown who was awarded an Erasmus Mundus Auditory Cognitive Neuroscience Exchange Fellowship to study for 6 months at the Max Planck Institute for Human Cognitive & Brain Sciences/University of Leipzig (major professor: **Rick Hyson**).

Stacy McAllister who won an Honorable Mention Award from the Bryan Robinson Endowment (major professor: **Karen Berkley**).

Samantha Saland who was awarded an Ermine M. Owenby, Jr. Travel Award to present her work at the SFN meeting (major professor: **Josh Rodefer**).

Kyle Conlon who received a Faculty Development Small Grant (\$500) from the Society for the Teaching of Psychology to support his attendance at the Society's Best Practices Conference in Atlanta, GA (major professor: **Jon Maner**).

Tyler Towne who was awarded the department's Joseph H. Grosslight Scholarship for Teaching, which paid for Tyler's expenses to attend the National Institute on the Teaching of Psychology in St. Petersburg (major professor: **Anders Ericsson**).

New Publications (including in press)

Berkley, K.J., Dmitrieva, N. Gynecological Pain, Neural Mechanisms. In: Schmidt RF, Gebhart GF. Encyclopedia of Pain, 2nd edition, 2012, in press.

Berkley, K.J., Dmitrieva, N. Pain Mechanisms in Endometriosis. In: Schmidt RF, Gebhart GF. Encyclopedia of Pain, 2nd edition, 2012, in press.

Berkley, K.J., McAllister, S.L. (2011). Don't dismiss dysmenorrhea! *Pain*, 152:1940-1. Stacy McAllister is a doctoral student in Neuroscience (major professor: **Karen Berkley**).

Breza, J. & Contreras, R.C. (in press). Anion Size Modulates Salt Taste in Rats. *J. Neurophys.* Joe Breza is a recent graduate of the Program in Neuroscience (major professor: **Rob Contreras**).

Carzoli, K.L. and Hyson, R.L. (2011). In vivo analyses of the role of metabotropic glutamate receptors in afferent regulation of chick cochlear nucleus neurons. *Hearing Research*, 272:49-57. Kathryn Carzoli is a doctoral student in Neuroscience (major professor: **Rick Hyson**).

Dossat, A.M., Lilly, N., Kay, K., Williams, D.L. (2011). Glucagon-like peptide 1 receptors in nucleus accumbens affect food intake. *J Neurosci.* Oct 12;31(41):14453-7. Amanda Dossat is a doctoral student in Neuroscience (major professor: **Diana Williams**).

Eckel, L.A. (2011). The ovarian hormone estradiol plays a crucial role in the control of food intake in females. *Physiology and Behavior*, 104:517-524.

Ericsson, K. A. (2011). Surgical expertise: A perspective from the expert-performance approach. In H. Fry and R. Kneebone (Eds.), *Surgical education in theoretical perspective: Enhancing learning, teaching, practice and research* (pp. 107-121). Berlin, Germany: Springer.

Ericsson, K. A., & Moxley, J. H. (2012). The expert performance approach and deliberate practice: Implications for studying creative performance in organizations. In M. Mumford (Ed.), *Handbook of organizational creativity* (pp. 141-167). New York: Academic Press. Jerad Moxley is a Cognitive Psychology student (major professor: **Ander Ericsson**).

Gil, M., Bhatt, R., Picotte, K.G., Hull, E.M. (2011). Oxytocin in the medial preoptic area facilitates male sexual behavior in the rat. *Hormones and Behavior*, 59: 435-443. Mario Gil is a recent graduate of the Program in Neuroscience; Katie Picotte received an MS in Psychobiology (major professor: **Elaine Hull**).

Holdcroft, A.I., Snidvongs, S., **Berkley, K.J.** (2011). Incorporating gender and sex dimensions in medical research. *Interdisciplinary Sci Rev*, 36(2):180-192.

Hu, Y., & **Ericsson, K. A.** (in press). Memorization and recall of very long lists accounted for within the Long-Term Working Memory framework. *Cognitive Psychology*.

Hull, E.M. (2011). Sex, drugs and gluttony: How the brain controls motivated behaviors. *Physiology and Behavior*, a special issue in honor of Bart Hoebel, 104: 173-177.

Kaschak, M. P., Kutta, T. J., & Coyle, J. M. (in press). Long and short term cumulative structural priming effects. *Language and Cognitive Processes*. Timothy Kutta is a doctoral student in the Cognitive Psychology program; Jackie Coyle is a recent graduate of the Cognitive Psychology program (major professor: **Mike Kaschak**).

Kendler, K.S., Aggen, S.H., & **Patrick, C.J.** (2011). A Multivariate Twin Study of the DSM-IV Criteria for Antisocial Personality Disorder. *Biological Psychiatry*, 71: 247-253.

Loney, G.C., Torregrossa, A-M, Carballo, C, & Eckel, L.A. (in press). Preference for sucralose predicts behavioral responses to sweet and bittersweet tastants. *Chemical Senses*. Greg Loney is a doctoral student in Neuroscience (major professor: **Lisa Eckel**). Anne-Marie Torregrossa is a postdoctoral fellow in Neuroscience.

Loney, G.C., Torregrossa, A-M, Smith, J.C., Sclafani, A, & Eckel, L.A. (2011). Rats display a robust bimodal preference profile for sucralose. *Chemical Senses*, 36:733-745. Greg Loney is a doctoral student in Neuroscience (major professor: **Lisa Eckel**). Anne-Marie Torregrossa is a postdoctoral fellow in Neuroscience.

Mathes, C.M., Bueter, M., Smith, K.R., Lutz, T.A., Le Roux, C.W. & Spector, A.C. (2011). Roux-en-Y Gastric Bypass in Rats Increases Sucrose Taste-Related Motivated Behavior Independent of Pharmacological GLP-1-Receptor Modulation. *Am J Physiol Regul Integr Comp Physiol*. Dec 14. Clare Mathes is a postdoctoral fellow in Neuroscience.

Nandagopal, K., & Ericsson, K. A. (in press). An expert performance approach to the study of individual differences in self-regulated learning activities in upper-level college students. *Learning and Individual Differences*. Katy Nandagopal is a recent graduate of the Cognitive Psychology program (major professor: **Anders Ericsson**).

Nandagopal, K., & Ericsson, K. A. (in press). Enhancing students' performance in traditional education: Implications from the expert-performance approach and deliberate practice. In K. Harris (Editor in Chief), C. McCormick, G. Sinatra, & J. Sweller (Associate Editors), *APA educational psychology handbook: Vol. 1. Contributions to education*. Washington, DC: American Psychological Association. Katy Nandagopal is a recent graduate of the Cognitive Psychology program (major professor: **Anders Ericsson**).

Rivera, H.M., Nikonova, L., Santollo, J., & Eckel, L.A. (2011). Estradiol increases the anorexia associated with increased 5-HT_{2C} receptor activation in ovariectomized rats. *Physiology and Behavior*, 105:188-194. Heidi Rivera and Jessica Santollo are recent graduates of the Program in Neuroscience (major professor: **Lisa Eckel**).

Rivera, H.M., Nikonova, L., Santollo, J., & Eckel, L.A. (2012). Estradiol increases expression of the 5-HT_{2C} receptor activation in ovariectomized rats. *Physiology and Behavior*, 105:188-194. Heidi Rivera and Jessica Santollo are recent graduates of the Program in Neuroscience (major professor: **Lisa Eckel**).

Santollo, J, Torregrossa, A-M, & Eckel, L.A. (2011). Estradiol acts in the medial preoptic area, arcuate nucleus, and dorsal raphe nucleus to reduce food intake in the ovariectomized rat. *Hormones and Behavior*, 60:86-93. Jessica Santollo is a recent graduate of the Program in Neuroscience (major professor: **Lisa Eckel**). Anne-Marie Torregrossa is a postdoctoral fellow in Neuroscience.

Skeem, J. L., Polaschek, D. L., **Patrick, C.J.**, & Lilienfeld, S. O. (2011). Psychopathic Personality: Bridging the Gap between Scientific Evidence and Public Policy. *Psychological Science in the Public Interest*, 12(3), 95-162.

Smith, A.S. & **Wang, Z.X.** (in press). Salubrious effects of oxytocin on social stress-induced deficits. *Horm. Behav.* Adam Smith is a doctoral student in Neuroscience (major professor: **Zuoxin Wang**).

Stratton, P. & **Berkley, K.J.** (2011). Chronic pelvic pain and endometriosis: Translational evidence of the relationship and implications. *Hum Reprod Update*, 17:327-46.

Stratton, P., **Berkley, K.J.** Neuro-endocrine aspects of endometriosis-related pain. In: Giudice L, Evers JLH, Healy D (eds). *Endometriosis: Science and Practice*. Oxford, Blackwell Publishing, in press.

Invited Addresses

Ericsson, K. A. (2011). What does it take to make an "outlier"? Deliberate practice and the development of elite sport performance. Invited **keynote** address at Coaches Conference-- Trainertagung 2011 «Vom Talent zum Überflieger – Learn from the best», *Swiss Federal Institute of Sports*, Magglingen, Switzerland, November 3rd.

Ericsson, K. A. (2011). The challenge of studying complex memory skills. Invited **keynote** address at *Charles River Association for Memory (CRAM)*, Cambridge, Massachusetts, December 7th.

In the news

Anders Ericsson was cited in *New York Times* in their Sunday Review section on January 15th. Reference: Cain, S. (2012). The rise of the new groupthink. Available on-line at http://www.nytimes.com/2012/01/15/opinion/sunday/the-rise-of-the-new-groupthink.html?_r=1&scp=3&sq=cain&st=cse

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