

Emily Crews Splane, Ph.D.

Associate Professor
Department of Behavioral Sciences
Flagler College
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Education

Doctor of Philosophy, Behavioral Neuroscience, University of Florida (2004)

Dissertation: “The Role of Angiotensin in Fluid Balance and Sodium Appetite in ICR:CD1 Mice”

Advisor: Dr. Neil Rowland

Master of Science, Behavioral Neuroscience, University of Florida (2000)

Bachelor of Science, Biology, Stetson University, FL (1995)

Professional Experience

Reviewer for the *International Journal of Psychological and Brain Sciences* (2019 – present)

Chair, Department of Behavioral Sciences (2018 – 2019)

Chair, Department of Social Sciences (2013 – 2018)

Associate Professor, Department of Behavioral Sciences, Flagler College (2018 – present)

Associate Professor, Department of Social Sciences, Flagler College (2011 – 2018)

Assistant Professor, Department of Social and Behavioral Sciences, Flagler College (2005 – 2011)

Visiting Assistant Professor, Psychology Department, University of Florida (2004 – 2005)

Graduate Instructor, Psychology Department, University of Florida (2002 – 2003)

Courses of Instruction

- Research Methods
- Physiological Psychology
- Introduction to Psychology
- Senior Seminar for Psychology Majors
- First Year Seminar
- Neuropsychology
- Abnormal Psychology
- Psychology of Eating

Other Relevant Experience

Research Assistant for Dr. Neil Rowland, University of Florida (1996-1999; 2002-2003)

- Conducted research in behavioral neuroscience area utilizing techniques such as autoradiography, immunohistochemistry, and operant conditioning

Publications

Splane, E. C., & Mitra, A. (in progress). Animal models of anorexia nervosa: A review.

Splane, E. C., Mitra, A., & Rowland, N. E. (in press; 2019). *Psychology of eating* (2nd ed.). Routledge Publishing.

Rowland, N. E., Atalayer, D., Cervantez, M. R., Minaya, D. M., & Splane, E. C. (2018). Cost-based anorexia: A novel framework to model anorexia nervosa. *Appetite*, *130*, 50-58.

Rowland, N. E., & Splane, E. C. (2014). *Psychology of eating*. Pearson Publishing.

Crews, E. C., & Rowland N. E. Role of angiotensin in body fluid homeostasis of mice: Effect of losartan on water and NaCl intakes. (2005). *American Journal of Physiology Regulatory, Integrative and Comparative Physiology*, *288*(3), R638-644.

Rowland, N. E., Farnbauch, L. J., & Crews, E. C. (2004). Sodium deficiency and salt appetite in ICR:CD1 mice. *Physiology and Behavior*, *80*, 629-635.

Rowland, N. E., Crews, E. C., & Young, S. L. (1999). Dietary NaCl during pregnancy and lactation: Effect on brain angiotensin II receptors and behavior. *Behavioral Neuroscience*, *113*, 1090-1094.

Rowland, N. E., Crews, E. C., & Gentry, R. M. (1997). Comparison of Fos induced in rat brain by GLP-1 and amylin. *Regulatory Peptides*, *71*, 171-174.

Murphy, D. M., Nystrom, M., Crews, E. C., Reynolds, K. E., & King, M. S. (1995). Morphology and location of neurons in the rat rostral NST which project to the parabrachial nucleus and an investigation of the chemical nature of the projection from the central amygdala to the rNST. *Chemical Senses*, *20*, 749.

Presentations at Scientific Meetings

Splane, E. C. (2019). The teaching of Psychology of Eating. National Institute for the Teaching of Psychology, St. Petersburg, FL (presentation).

Splane, E. C., & Mitra, A. (2018). The teaching of Psychology of Eating. National Institute for the Teaching of Psychology, St. Petersburg, FL (presentation).

Crews, E. C. Role of ANG II in fluid balance of mice. (2004). Society for the Study of Ingestive Behavior, Cincinnati (presentation).

Farnbauch, L. J., Crews, E. C., & Rowland, N. E. (2003). Sodium deficiency and salt appetite in ICR:CD1 mice. Society for Neuroscience, New Orleans (poster presentation).

Crews, E. C., Aerni, J. D., Rowland, N. E., Katovich, M. J., & Semple-Rowland, S. L. (1998). Perinatal dietary NaCl level: effect on angiotensin (ANG) II receptors in discrete brain regions of rat mothers and pups. Society for Neuroscience, Los Angeles (poster presentation).

Crews, E. C., Morien, A., Gentry, R. M., & Rowland, N. E. (1998). Perinatal dietary NaCl level in dams and offspring. Society for the Study of Ingestive Behavior (poster presentation).

Attendance at Scientific Conferences

Society for the Study of Ingestive Behavior, Denver, CO, 2015

Society for the Study of Ingestive Behavior, New Orleans, LA, 2013

Society for the Study of Ingestive Behavior, Clearwater, FL, 2011

“Neural Mechanisms of Ingestive Behavior and Obesity” Brain Research Meeting, Chicago, 2009.

Society for the Study of Ingestive Behavior, Steamboat Springs, CO, 2007

Attendance at Leadership Conference

The Council of Independent Colleges Workshops for Department and Division Chairs, Minneapolis, MN, 2016.

Professional Affiliations

Society for the Study of Ingestive Behavior

Psi Chi (International Psychology Honor Society)

Awards

Dean’s Award for Professional Development – Spring 2014

Kahler Endowment Fund Award – Fall 2012

Sabbatical Leave – Fall 2011

Leadership and Service at Flagler College

Chair, Behavioral Sciences Department (2018 – 2019)

Chair, Social Sciences Department (2013 – 2018)

Chair, Faculty Search Committee for Assistant Professor of Psychology (2018)

Chair, Faculty Search Committee for Assistant Professor of Psychology (2017)

Chair, Faculty Search Committee for Assistant Professor of Sociology (2016)
Member, Faculty Search Committee for Assistant Professor of Criminology (2016)
Chair, Faculty Search Committee for Assistant Professor of Sociology (2015)
Member, Ad Hoc Committee (Adjunct Instructor Issues) (2016-2017)
Chair, Faculty Search Committee for Assistant Professor of Psychology (2014)
Chair, Faculty Search Committee for Assistant Professor of Sociology (2014)
Co-Chair, Faculty Search Committee for Assistant Professor of Anthropology (2014)
Lecturer, Eating Disorder Forum, Spring 2014
Senator, Flagler College Faculty Senate (2013 – 2015; 2007 – 2008)
Member, Curriculum Committee (2015 – 2016; 2017 – 2018)
Member, Executive Committee of Faculty Senate (2014 – 2015)
Member, Faculty Advancement Committee (2012 – 2015)
First Year Advisor (2013 – present)
Academic Orientation Leader (2013 – 2017)
Coordinator of the Psychology Program (2012 – 2013)
Chair, Faculty Search Committee for Assistant Professor of Psychology (2012)
Member, Faculty Search Committee for Visiting Assistant Professor of Psychology (2012)
Co-Chair, Faculty Search Committee for Assistant Professor of Psychology (2011)
Co-Chair, Faculty Search Committee for Department Chair position (2011)
Member, Professional Development and Evaluation Committee (2008 – 2012; 2018 – 2019)
Member, Faculty Search Committee for two Assistant Professors of Natural Sciences (Earth
Systems and Environmental Chemistry; 2010)
Member, Faculty Search Committee for an Assistant Professor of Natural Sciences (2007)
Member, Faculty Search Committee for an Assistant Professor of Psychology (2006)
Member, Faculty Search Committee for an Assistant Professor of Sociology (2006)
Member, Library Committee (2005 – 2007)

Service at Flagler College with Student Organizations or Programs

First Year Seminar Instructor (2016 – present)
Faculty Advisor, First Year Experience Initiative (2013 – present)
Faculty Leader, Academic Orientation for First Year Students (2013 – present)
Faculty Advisor, Psi Chi (2009 – 2016)

Faculty Co-sponsor, Social Sciences Club (2010 – 2014)

Faculty Representative to the Jack Kent Cooke Scholarship Foundation (2006 – 2011)