

CURRICULUM VITAE

Naomi J McKay

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SUNY Buffalo State
Buffalo, NY 14222

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EDUCATION

- 2015 **PhD in Behavioral Neuroscience**
University at Buffalo, Buffalo, NY
- 2008 **Postbaccalaureate studies**
University of Southern Maine, Portland, ME
- 2002 **Bachelor of Arts in Psychology**
Boston University, Boston, MA

PROFESSIONAL EXPERIENCE

- Assistant Professor, Psychology Department (2016-present)
SUNY Buffalo State, Buffalo, NY 14222
- Postdoctoral research, Department of Exercise and Nutrition Science (2014-2016)
SUNY at Buffalo, Buffalo, NY 14214
- Adjunct Instructor, Biology Department (2015-2016)
Daemen College, Amherst, NY 14226
- Adjunct Instructor, Psychology Department (2012-2015)
SUNY at Buffalo, Buffalo, NY 14214

CURRENT RESEARCH PROJECTS

Effect of unhealthy and healthy food items on emotional and physiological stress
SUNY Buffalo State, Psychology Department

- It is known that comfort foods elevate mood, but the effect on stress has not yet been studied. This project aims to determine if eating comfort food suppresses both physiological and psychological markers of stress.

Effect of comfort food on physiological recovery from a mild acute stressor

SUNY Buffalo State, Psychology Department

- A large portion of the population increases intake of comfort food during stress. It is not known, however, if eating comfort food is, in turn, having an effect on stress recovery. This project aims to answer whether eating comfort food in the face of an acute stressor will accelerate recovery of the stress response.

Effect of increased water intake on food consumption, including caloric and macronutrient intake

SUNY at Buffalo, Exercise and Nutrition Science Department

- Although it is known that a water pre-load before a meal suppresses energy intake under some circumstances, it has yet to be established what effect elevated hydration has on energy intake. This project aims to test the hypothesis that elevating hydration throughout the morning will suppress energy intake during lunch.

FUNDED GRANTS AND AWARDS

Clinical and Translational Science Institute (CTSI) Translational Pilot Studies Program, \$40,000 over 12 months

University at Buffalo, 2019

Buffalo State Incentive Grant, \$7,000 over 12 months

SUNY Buffalo State, 2017

Professional Development Awards Program Grant, \$1,000

University at Buffalo, 2015

College of Arts and Sciences Dissertation Fellowship, \$6,000

University at Buffalo, 2014

American Psychological Association Dissertation Research Award, \$1,000

American Psychological Association, 2013

Mark Diamond Research Fund Grant, \$2,000

University at Buffalo, 2013

PUBLICATIONS

Peer reviewed journal articles:

McKay, N.J., Przybysz, J., Cavanaugh, A., Horvatits, E., Giorgianni, N., & Czajka, K. (2020). The effect of unhealthy food and liking on stress reactivity. *Physiology & Behavior*, 229: 113216-113216.

McKay, N.J., Belous, I.V.*, Temple J.L. (2018). Increasing water intake influences hunger and food preferences, but does not reliably suppress energy intake in adults. *Physiology & Behavior*, 194: 15-22.

McKay, N.J., Galante, D.L.*, and Daniels, D. (2014). Endogenous glucagon-like peptide-1 reduces drinking behavior and is differentially engaged by water and food intakes in rats. *Journal of Neuroscience*, 34(49): 16417-23.

McKay, N.J., and Daniels, D. (2013). Glucagon-like peptide-1 receptor agonist administration suppresses both water and saline intake in rats. *Journal of Neuroendocrinology*, 25(10): 929-38.

McKay, N.J., Kanoski, S.E., Hayes, M.R., Daniels, D. (2011). Glucagon-like peptide-1 receptor agonists suppress water intake independent of effects on food intake. *American Journal of Physiology – Regulatory, Integrative, and Comparative Physiology*, 301(6): R1755-64.

Markowski, V.P., Reeve, E.A., Onos, K., Assadollahzadeh, M., **McKay, N.** (2012). Effects of prenatal exposure to sodium arsenite on motor and food-motivated behaviors from birth to adulthood in C57BL6/J mice. *Neurotoxicology and Teratology*, 34(2): 221-31.

*Student authors

ABSTRACTS

Brzyski, M.G. and **McKay, N.J.** (2021). The Effect of Stress on Physiological Melatonin Levels. Poster presentation, Eastern Psychological Association, virtual.

Longmire, A.S.*, Schieble, V.*, and **McKay, N.J.** (2019). The interaction between depression and race on stress-induced cortisol release. Poster presentation, Association for Psychological Science, Washington, D.C.

Longmire, A.S.* and **McKay, N.J.** (2019). Is the use of unsolvable anagrams or the sing-a-song stress test a reliable way to elevate stress? Poster presentation, American Psychosomatic Society, Vancouver, BC, Canada.

Przybysz, J.T.*, Cavanaugh, A.E.*, and **McKay, N.J.** (2018). Anxiolytic effects of unhealthy food consumption, in adults. Poster presentation, Society for the Study of Ingestive Behavior, Bonita Springs, FL.

Cavanaugh, A.E.*, Rodino, J.M.*, Przybysz, J.T.*, and **McKay, N.J.** (2017). Intake of either a high-fat or low-fat food item reduces perceived anxiety. Poster presentation, Society for the Study of Ingestive Behavior, Montreal, QC, Canada.

McKay, N.J., and Temple, J.L. (2016). Increased water intake throughout the morning effects energy intake in males and females. Poster presentation, The Obesity Society, New Orleans, LA.

McKay, N.J., Belous, I.V.*, Ziegler, A.M., and Temple, J.L. (2015). Long-term effect of water loading on food intake. Oral presentation, Society for the Study of Ingestive Behavior, Denver, CO.

McKay, N.J., Galante, D.L.*, and Daniels, D. (2015). Fluid balance challenges influence Glucagon-like peptide-1-associated gene expression both peripherally and centrally. Poster presentation, Society for the Study of Ingestive Behavior, Denver, CO.

McKay, N.J., Galante, D.L.*, and Daniels, D. (2014). Water intake increases GLP-1 gene expression in the nucleus of the solitary tract. Oral presentation, Society for the Study of Ingestive Behavior, Seattle, WA.

McKay, N.J., Ameroso, D.L.*, and Daniels, D. (2013). Hindbrain and forebrain sites contribute to the anti-dipsogenic effects of glucagon-like peptide-1. Poster presentation, Society for Neuroscience, San Diego, CA.

McKay, N.J., and Daniels, D. (2013). Endogenous glucagon-like peptide-1 influences water intake in rats. Oral presentation, Society for the Study of Ingestive Behavior, New Orleans, LA.

McKay, N.J., Nicholson, C.*, and Daniels, D. (2012). Glucagon-like peptide-1 receptor agonists suppress both water and saline intake in rats. Poster presentation, Society for Neuroscience, New Orleans, LA.

McKay, N.J., Kanoski, S.E., Hayes, M.R., and Daniels, D. (2011). Glucagon-like peptide-1 receptor agonists suppress water intake. Poster presentation, Society for the Study of Ingestive Behavior, Clearwater, FL.

McKay, N.J., Plyler, K.S., and Daniels, D. (2010). Administration of urocortin I stimulates Fos expression in the paraventricular hypothalamic nucleus and the nucleus of the solitary tract. Poster presentation, Society for the Study of Ingestive Behavior, Pittsburg, PA.

*Student authors

SERVICES TO DEPARTMENT

- Member, Research with Human Subjects, 2019-present
- Volunteer, Buffalo State Open House, Spring 2018, Spring 2019, Fall 2019
- Advisor, Psychology Club, 2016-present
- Member, Animal Care Committee, 2016-present
- Member, Follow-up on Graduates and Job Opportunities, 2016-2017, 2018-present
- Speaker, Psychology Club Fields of Psychology Seminar Series, Fall 2019
- Speaker, Hulicka Scholars Program, Fall 218
- Alternate, Personnel Committee, 2018-2019
- Member, Student Interest in Online Classes Committee, 2017-2018
- Member, Technology Enhancement and Advisement Committee 2017-2018

SERVICES TO COLLEGE

- Member, Buffalo State College Student Judicial System, 2016-present
- Presenter, Buffalo State Faculty/Staff Research and Creativity Fall Forum, 2018 & 2019
- Invited speaker, Research and Creativity Council Workshop: Preparing an Incentive Grant Proposal, Fall 2019
- Invited speaker, Collegiate Science and Technology Entry Program, Spring 2019
- Volunteer, SUNY Buffalo State College 101 Summer Orientation, Summer 2018
- Participant, Buffalo State Class Visit Program, Spring 2018
- Member, Selection Committee for SUNY Chancellor's Awards for Excellence, 2017-2018 academic year

SERVICES TO PROFESSION

- Reviewer:
 - Journal of Physiology and Behavior, 2014-present
 - Appetite, 2018-present
 - Nutrients, 2018-present
 - International Journal of Environmental Research and Public Health, 2019-present
- Member:
 - Society for the Study of Ingestive Behavior, 2010-present
 - Association for Psychological Science, 2018-present
 - American Psychosomatic Society, 2018-present
 - Eastern Psychological Association, 2018-present
 - The Obesity Society, 2017
- Grant Proposal Reviewer, APA Dissertation Research Awards, 2017, 2018, 2019
- Reviewer, Animal Behavior, 3rd Edition Textbook, 2018
- Grant reviewer, Mark Diamond Research Fund Council, 2013 and 2014

INVITED PRESENTATIONS

SUNY Buffalo State Biology Department Seminar Series, "Give Me That Candy Bar! The Physiological and Psychological Effects of Eating Comfort Food". November 2017.

HONORS AND RECOGNITION

- Postdoctoral Research Symposium Poster Competition, Second place, University at Buffalo, 2015
- Bishop Outstanding Neuroscience Thesis Award, University at Buffalo, 2015
- New Investigator Travel Award, Society for the Study of Ingestive Behavior, 2014
- Psychology Department Dissertation Award, University at Buffalo, 2013
- Bishop Fund Travel Award, University at Buffalo, 2013
- Dean's College Fellowship Award, University at Buffalo, 2008-2012
- Retention Award for Academic Excellence, University at Buffalo, 2011