

Curriculum Vita

Professor Mike J. Frederick

The University of Baltimore
Applied Behavioral Sciences
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Education

Ph.D., University at Albany, 2010.

Major: Biopsychology

Supporting Areas of Emphasis: Evolutionary Psychology

Dissertation Title: Effects of early developmental stress on adult physiology and behavior.

M.A., University at Albany, 2006.

Major: Biopsychology

Supporting Areas of Emphasis: Evolutionary Psychology

Dissertation Title: Fluctuating dental asymmetry in great apes, fossil hominins, and modern humans.

B.A., University at Albany, 2004.

Major: Psychology

Supporting Areas of Emphasis: Mathematics, Philosophy

Academic, Government, Military and Professional Positions

Academic - Faculty

Assistant Professor of Psychology, University of Baltimore. (August 15, 2014 - Present).

Visiting Assistant Professor of Psychology, Hamilton College. (July 1, 2010 - June 30, 2014).

Instructor, University at Albany. (June 1, 2006 - May 31, 2010).

Professional

Reviewer, Frontiers in Evolutionary Neuroscience. (September 15, 2013 - Present).

Consulting Editor, Evolutionary Behavioral Sciences. (June 1, 2013 - Present).

Program Chair, NorthEastern Evolutionary Psychology Society. (April 28, 2012 - June 2, 2013).

Professional Memberships

Society for Neuroscience. (October 10, 2012 - Present).

Psi Chi Honor Society. (May 3, 2011 - Present).

Member, Reviewer, Program Chair, Poster Judge, NorthEastern Evolutionary Psychology Society. (April 12, 2007 - Present).

TEACHING

Teaching Experience

The University of Baltimore

APPL 601, THE BIOL BASIS OF BEHAVIOR, 5 courses.
APPL 704, PRACTICUM IN RESEARCH, 1 course.
PSYC 100, INTRODUCTION TO PSYCHOLOGY, 2 courses.
PSYC 308, RESEARCH METHODS/ STATISTICS I, 2 courses.
PSYC 309, RESEARCH METHODS/STATISTICS II, 2 courses.
PSYC 400, THEORIES OF LEARNING, 1 course.
PSYC 415, EVOLUTIONARY PSYCHOLOGY, 1 course.
PSYC 425, SENSATION AND PERCEPTION, 1 course.
PSYC 490, SENIOR PROJECT IN PSYCHOLOGY, 1 course.
PSYC 497, TOPICS IN PSYCHOLOGY, 1 course.

Non-Credit Instruction

Guest Lecture, Stevenson University, 50 participants. (March 30, 2017).

Guest Lecture, Division of Applied Behavioral Sciences, 18 participants. (March 30, 2015).

Guest Lecture, The Psi Chi Honor Society, 40 participants. (October 14, 2014).

Directed Student Learning

Supervised Research. (June 1, 2016 – Present).

Advised: Kelsey Reinhart, Joseph Winnard, Estelle Goff, Yvette Miller

Supervised Research. (June 1, 2015 - Present).

Advised: Joseph Winnard

Supervised Research. (September 21, 2015 – May 20, 2016).

Advised: Nicholas Jordan, Joseph Winnard, Marian Almeida, Troy Richardson

Supervised Research. (January 26, 2015 - May 22, 2015).

Advised: Humama Khan, Matthew Ancona, Madeleine Emanuel, Hilary Keil, Ramy Bassioni

Practicum Supervisor. (January 26, 2015 - May 8, 2015).

Advised: Ramy Bassioni

Supervised Research. (August 25, 2014 - December 5, 2014).

Advised: Hilary Keil, Matthew Ancona, Humama Khan, Madeleine Emanuel

Awards and Honors

'You Make a Difference' Award, University of Baltimore Achievement and Learning Center. (May 6, 2016).

RESEARCH

Published Intellectual Contributions

Refereed Journal Articles

- Frederick, M. J., Ancona, M., Khan, H. (2016). Does the thought of death accelerate a fast life history strategy? Evaluating a mortality salience prime, *EvoS Journal: The Journal of the Evolutionary Studies Consortium*, 7(2), 13-21.
http://evostudies.org/wp-content/uploads/2016/09/Frederick_NEEPSIX.pdf
- Frederick, M. J., Keil, H. R., Kruger, D. J. (In press). Race-dependent changes in attitudes towards the police among college students in Baltimore following the death of Freddie Gray and subsequent period of unrest. *EvoS Journal: The Journal of the Evolutionary Studies Consortium*, 8(2). (Forthcoming)
- Frederick, M. J. (2012). Birth weight predicts scores on the ADHD Self-Report Scale and attitudes towards casual sex in college men: A short-term life history strategy?. *Evolutionary Psychology*, 10(2), 342-351. www.epjournal.net/wp-content/uploads/EP10342351.pdf

Presentations Given

- Frederick, M. J. (Presenter & Author), Kruger, D. J. (Author Only), SouthEastern Evolutionary Perspectives Society, "Assessing life history variation using a brief stability questionnaire," Tuscaloosa, AL. (February 11, 2017).
- Frederick, M. J. (Presenter & Author), National Institute on the Teaching of Psychology, "Enhancing Evolution Literacy in College Students Requires Intentional Instruction," St. Pete Beach, FL. (January 5, 2017).
- Keil, H. R. (Presenter & Author), Kruger, D. (Author Only), Frederick, M. J. (Presenter & Author), 10th Annual Conference of the NorthEastern Evolutionary Psychology Society, "Race-dependent changes in attitudes towards the police among college students in Baltimore following the death of Freddie Gray and subsequent period of unrest," NorthEastern Evolutionary Psychology Society, Halifax, Canada. (June 4, 2016).
- Frederick, M. J. (Presenter & Author), Hill, D. (Author Only), Winnard, J. (Author Only), 10th Annual Conference of the NorthEastern Evolutionary Psychology Society, "Slowly saving the planet: The relationship between life history strategy and conservation behaviors in National Aquarium visitors and college students," NorthEastern Evolutionary Psychology Society, Halifax, Canada. (June 4, 2016).
- Richardson, T. (Presenter & Author), Frederick, M. J. (Author Only), Inspired Discoveries Symposium, "Investigating differences in eco-friendly behaviors as impacted by college coursework or visits to the National Aquarium: An exploration into behavioral motivators and coping strategies," Langsdale Library, University of Baltimore. (April 29, 2016).
- Frederick, M. J. (Author Only), Bassioni, R. (Presenter & Author), 43rd Annual Psychology Convention, "Purity/sanctity morality, pathogen disgust, and sexual disgust are positively associate with life history strategy (k-factor).," Hunter College, New York, NY. (April 26, 2015).

- Frederick, M. J. (Author Only), Bassioni, R. (Presenter & Author), 22nd Annual Undergraduate and Graduate Research Symposium, "Purity/sanctity morality, pathogen disgust, and sexual disgust are positively associate with life history strategy (k-factor).," Morgan State University, Baltimore, MD. (April 14, 2015).
- Frederick, M. J. (Panelist), 9th Annual Conference on the Evolutionary Behavioral Sciences, "The greatest show on Earth begets the greatest job on Earth," NorthEastern Evolutionary Psychology Society, Boston, MA. (April 11, 2015).
- Frederick, M. J. (Presenter & Author), Khan, H. (Presenter & Author), Emanuel, M. (Presenter & Author), Keil, H. (Presenter & Author), Ancona, M. (Author Only), 9th Annual Conference on the Evolutionary Behavioral Sciences, "Does the thought of death accelerate a fast life history strategy? Evaluating a mortality salience prime," NorthEastern Evolutionary Psychology Society, Boston, MA. (April 10, 2015).
- Frederick, M. J. (Presenter & Author), Keil, H. (Presenter & Author), Emanuel, M. (Author Only), Khan, H. (Author Only), Ancona, M. (Author Only), 9th Annual Conference on the Evolutionary Behavioral Sciences, "Exploring how childhood neighborhoods shape life history & behavior using an urban research program in Baltimore.," NorthEastern Evolutionary Psychology Society, Boston, MA. (April 10, 2015).
- Frederick, M. J. (Author Only), Emanuel, M. (Presenter & Author), Khan, H. (Presenter & Author), 14th Annual Graduate Research Symposium at the College of William & Mary, "Examining effects of early-life environment on life history strategy, with a focus on priming conditions," The College of William and Mary, Williamsburg, VA. (March 21, 2015).
- Frederick, M. J. (Presenter & Author), 43rd Annual Meeting of the Society for Neuroscience, "Chronic quinpirole administration in rats reduces exploratory behavior and increases water contrafreeloading while preserving responsiveness to changing contingencies," Society for Neuroscience, San Diego, CA. (November 12, 2013).
- Frederick, M. J. (Presenter & Author), Seventh Annual NorthEastern Evolutionary Psychology Society Conference, "Unnecessary work: Contrafreeloading in quinpirole-treated rats as a model of compulsive checking," Lebanon Valley College, Annville, PA. (May 31, 2013).
- Frederick, M. J. (Author Only), Second Annual Upstate NY Undergraduate Research Conference, "Quinpirole-induced contrafreeloading in rats," Union College, Schenectady, NY. (September 22, 2012).
- Frederick, M. J. (Presenter & Author), Sixth Annual NorthEastern Evolutionary Psychology Society Conference, "Responsive contrafreeloading: Quinpirole-treated rats prefer to work for water rather than 'freeload', but show behavioral flexibility during extinction," Plymouth State University, Plymouth, NH. (April 27, 2012).
- Frederick, M. J. (Presenter & Author), 22nd annual meeting of the Human Behavior and Evolution Society, "Why work when you could freeload? Contrafreeloading in quinpirole-treated rats is not due to force-of-habit," HBES, Montpellier, France. (June 30, 2011).
- Frederick, M. J. (Presenter & Author), Annual Meeting of the Human Biology Association, "Birth weight predicts scores on the ADHD Self-Report Scale and a willingness to engage in casual sex among college men," HBA, Minneapolis, MN. (April 13, 2011).
- Frederick, M. J. (Presenter & Author), 20th Biennial Congress of the International Society for Human Ethology, "Scores of schizotypy are positively correlated with measures of physical and reproductive fitness," University of Wisconsin, Madison, WI. (August 2, 2010).

Frederick, M. J. (Presenter & Author), Fourth Annual NorthEastern Evolutionary Psychology Society Conference, "Scores of schizotypy in men are positively correlated with measures of physical and reproductive fitness," SUNY New Paltz, New Paltz, NY. (March 26, 2010).

Frederick, M. J. (Presenter & Author), Second Annual NorthEastern Evolutionary Psychology Society Conference, "Understanding patterns of molar dentition in primates: How a model of tooth development derived from an 'evo-devo' study in rodents can help explain phenotypic variation and similarity in the teeth of primates and other mammals," Southern New Hampshire University, Manchester, NH. (May 4, 2008).

Frederick, M. J. (Presenter & Author), Second Annual NorthEastern Evolutionary Psychology Society Conference, "Asymmetrical growth doesn't stop at birth: Further evidence for a relationship between postnatal growth rate & fluctuating asymmetry," Southern New Hampshire University, Manchester, NH. (May 2, 2008).

Frederick, M. J. (Presenter & Author), First Annual Darwin Day Conference, "Fluctuating Asymmetry: How subtle anatomical imperfections provide a window into growth and fitness," University at Albany, Albany, NY. (February 8, 2008).

Frederick, M. J. (Presenter & Author), 18th Annual Conference of the Human Behavior and Evolution Society, "Fluctuating dental asymmetry in great apes, fossil hominids, and modern humans," University of Pennsylvania, Philadelphia, PA. (June 10, 2006).

Contracts, Grants and Sponsored Research

Grant

Frederick, M. J. (Principal), "Summer Research Grant," Sponsored by Yale Gordon College of Arts and Sciences, The University of Baltimore, \$3,959.40. (May 8, 2017 - August 21, 2017).

Frederick, M. J. (Principal), Winnard, J. (Supporting), "Summer Research Grant," Sponsored by Yale Gordon College of Arts and Sciences, The University of Baltimore, \$1,960.00. (May 24, 2016 - August 1, 2016).

Intellectual Contributions in Submission

Refereed Journal Articles

Frederick, M. J., Keil, H. R., Bassioni, R., Khan, H. (Under review). Higher Scores on the Mini-K Life History Battery Are Associated with Greater Disgust Sensitivity on the Three Domains of Disgust Scale. *Human Ethology Bulletin*.

Frederick, M. J., Gallup, G. G. (Under review). The Demise of Dinosaurs: A Biotic Crisis or a Biotic Revenge?. *EvoS Journal: The Journal of the Evolutionary Studies Consortium*.

Frederick, M. J., Reinhart, K., Winnard, J., Miller, Y., Canady, C. (In preparation). Environmental Concern Interacts with Environmental Self-Efficacy to Influence Conservation Behaviors. *Journal of Environmental Education*.

Research Currently in Progress

"Exploring Life History Strategies and Conservation Behaviors in Target Populations" (On-Going).
This project is exploring the relationships among life history strategy, social trust, and eco-friendly behaviors in three populations: UB students, National Aquarium visitors, and the general public on Pratt Street.

"Life History Traits and Circulating Levels of Interleukin-6" (Planning).
Will examine how levels of interleukin-6, a biomarker of stress and disease, relate to traits associated with fast life history strategies, including sensation-seeking, sociosexuality, and impulsivity.

SERVICE

Department Service

Committee Member, Wagman Lab Committee. (September 1, 2016 - Present).

Research Pool Coordinator, Psychology Research Pool. (July 12, 2016 - Present).

Faculty Advisor, Psi Chi International Honor Society. (September 21, 2015 - Present).

Committee Member, Undergraduate Program Committee. (September 24, 2014 - Present).

Student Placement, Undergraduate Orientation Representative. (January 20, 2017).

Committee Chair, Enhancing student awareness of faculty research. (January 27, 2015).

Committee Chair, Integrity Subcommittee. (December 18, 2014 - January 26, 2015).

College Service

Committee Member, Graduate Curriculum Committee. (September 1, 2016 - Present).

Committee Member, Grants & Awards Committee. (January 20, 2016 - Present).

Attendee, Meeting, CAS Faculty Senate. (September 5, 2014 - Present).

Committee Member, CAS Enrollment Task Force. (October 27, 2014 - September 1, 2015).

University Service

Student Recruiter, Undergraduate Open House. (November 5, 2016).

Guest Speaker, Invited Guest Lecture on Psychology. (October 6, 2015).

Student Recruiter, Undergraduate Open House. (April 18, 2015).

Professional Service

Editor, Journal Editor, EvoS Journal: The Journal of the Evolutionary Studies Consortium, New Paltz, NY. (June 17, 2015 - Present).

Editorial Review Board Member, Evolutionary Behavioral Sciences. (January 1, 2014 - Present).

Editorial Review Board Member, Frontiers in Evolutionary Psychology and Neuroscience.
(September 1, 2013 - Present).

Reviewer, Book, Oxford University Press. (September 30, 2016 - October 20, 2016).

Committee Member, NEEPS Bylaws Subcommittee, New Paltz, NY. (April 15, 2015 - October 29, 2015).

Reviewer, Textbook, Oxford University Press. (July 16, 2014 - January 26, 2015).

Public Service

Committee Member, Institutional Review Board for the Maryland Institute College of Art,
Baltimore, MD. (September 1, 2016 - Present).

Development Activities Attended

Conference Attendance, "National Institute on the Teaching of Psychology," St. Pete Beach, FL,
United States. (January 2, 2017 - January 6, 2017).

Workshop, "NSF Grant Writing Workshop," Grant Training Center, Baltimore, MD, United States.
(June 22, 2016 - June 23, 2016).