

Katherine M. Naselli Adamski

Curriculum Vitae

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Education

Northwestern University, Evanston, IL
Master of Science in Engineering Design Innovation
Expected December, 2016
Bachelor of Arts in Psychology
Cumulative GPA: 3.7, Psychology GPA: 3.8
2007-2010

Harold Washington Chicago Community College, Chicago, IL
Non-Degree coursework in Engineering Science
Cumulative GPA: 4.0
2013-2014

The School of the Art Institute of Chicago, Chicago, IL
Designed Objects
2005-2007

Relevant Coursework

2007 Introduction to designed objects, 3D design, Fabrication for motion
2008 Statistical methods, Tools and technology of the World Wide Web
2009 Research methods
2013 Engineering physics I, Calculus and analytic geometry I
2014 Engineering physics II, Calculus and analytic geometry II, Independent study:
The mean function on cycles, Calculus and analytic geometry III, General
Chemistry I, Independent study: The mean function on Boolean lattices
2015 Human Centered Design, Design Research, Design Communication,
NUvention: medical innovations

Honors, Awards and Fellowships

2015 James Dyson Foundation Scholarship for Graduate work
2012 U.S.-India Educational Foundation Fulbright Nehru Research Grant for
independent research on musicians and mental health in India

- 2011 Bold Urban Renaissance Network Grant for artists to present mobile art in Black Rock City, Nevada
- 2009 National Italian American Foundation Scholarship trip to Italy for Americans of Italian descent
- 2009 Study Abroad Research Grant from Northwestern University for cross-cultural research on depression sensitivity in India
- 2009 Robert F. Habicht Scholarship for undergraduate study at Northwestern University
- 2009 J.G. Nolan Scholarship for undergraduate study at Northwestern University
- 2008 Pledge Scholarship for undergraduate study at Northwestern University

Research Experience

Since 2014 **Assistant Innovations Design Engineer: Northwestern University Innovations Lab**
 Center for Medical Education, Feinberg School of Medicine, Chicago, IL
Principal Engineer: Ellen O'Brien, Biomedical Engineer.

Responsibilities: Assist with the design, prototyping, and manufacturing of novel simulation devices for surgical training, produce devices using materials such as silicone and 3D printed plastic, ensure fidelity and functionality requirements of devices are met, conduct feasibility research for new product ideas, lead summer interns in development of new products

2013 **Research Assistant: DePaul University Center for Community Research**
 Department of Psychology, DePaul University, Chicago, IL
Principal Investigator: Leonard Jason, Ph.D.

Responsibilities: Analyzed cortisol levels of patients with Chronic Fatigue Syndrome (CFS), developed SAS code to model cortisol rhythms, drafted an article on oxidative stress in CFS patients, coordinated with doctors at Northwestern University and researchers at DePaul University to develop procedures for a new study on the relationship between mononucleosis and CFS, entered questionnaire measures into online data collection software to prepare for data collection

2012-2013 **Independent Researcher: U.S.-India Educational Foundation for Fulbright**
 Department of Psychology, Banaras Hindu University, Varanasi, U.P., India
Faculty Advisor: Shobhna Joshi, Ph.D.

Responsibilities: Designed a culturally sensitive study investigating correlations between musicality, coping styles, and mental health in South Asian classical musicians, student musicians, and non-musicians, performed background research and presented results to in-country affiliate to direct research efforts, translated Hindi versions of established psychological self-report measures, identified and recruited an appropriate sample to represent the different study groups, input data and analyzed results using Excel and SPSS, participated and observed in the field to understand cultural values

2010-2012

Project Coordinator: Northwestern/UCLA Youth Emotion Project

Department of Psychology, Northwestern University, Evanston, IL

Principal Investigators: Susan Mineka, Ph.D. (Northwestern), Richard Zinbarg, Ph.D. (Northwestern), & Michelle Craske, Ph.D. (UCLA)

Primary Responsibilities: Managed daily lab operations for the Northwestern site of a two-site National Institute of Mental Health (NIMH) study investigating risk and protective factors for mood and anxiety disorders in young adults, supervised a team of undergraduate research assistants, scheduled participants, processed data prior to analysis, conducted the Life Stress Interview (LSI) and the Structured Clinical Interview for DSM-IV (SCID), assigned chronic life stress ratings to LSI and diagnoses to SCID, coordinated with the UCLA research site, assisted in literature reviews, compiled data for annual and triannual NIMH grant reports

Research Presentations

Martin, S., Asher, A., O'Brien, E., **Naselli Adamski, K.**, & Salzman, D. (2014, September). *Design and Development of a Model Arm for IV Insertion Simulation*. Poster presented at the 4th annual Medical Education Day hosted by Northwestern University's Feinberg School of Medicine, Chicago, IL.

Naselli Adamski, K., Bobova, L., Mineka, S., Zinbarg, R.E., & Craske, M. (2011, September). *Individual-peer agreement about Neuroticism and cognitive styles correlates with self-reported depression in the Youth Emotion Project*. Poster presented at the 25th annual meeting of the Society for Research in Psychopathology, Boston, MA.

Naselli Adamski, K., Lewis, A., & Zinbarg, R.E. (2010, September). *Depression Sensitivity in India and the United States*. Poster presented at the 24th annual meeting of the Society for Research in Psychopathology, Seattle, WA.

Naselli Adamski, K. (2010, June). *Depression Sensitivity in India and the United States*. Paper presented at the UCLA Psychology annual undergraduate research conference, Los Angeles, CA.

Lewis, A., **Naselli-Adamski, K.**, & Zinbarg, R.E. (2009, November). *The Development of a Depression Sensitivity Index*. Poster presented at the 43rd annual convention of the Association for Behavioral and Cognitive Therapies, New York, NY.

Publications and Manuscripts

Naselli Adamski, K., O'Brien, E., Huber, G. (2015). Design and Development of Low-Cost Wound Models for Training Physical Therapists. Manuscript in preparation.

Ortega, O., Garcia, C., & **Naselli Adamski, K.** (2015). The mean function on Boolean Lattices. Manuscript under review.

Naselli Adamski, K. & Joshi, S. (2014). Personality, musicality and mental health in South Asian classical musicians. *International Journal of Advanced Research*, 2(2).

Professional Organizations

Chicago Council on Science & Technology, Student member, since 2014

U.S. Department of State, International Exchange Alumni Association, since 2013

