

LAUREN A. BANKER

80 Florida Gym, 1864 Stadium Rd, Gainesville, FL 32611

Phone: (703) 307-9689 | Email: lauren.banker@ufl.edu

EDUCATION

University of Florida *Aug 2017 –*
Dept. Applied Physiology and Kinesiology, College of Health and Human Performance
Doctoral Student, Biobehavioral Science – Motor Learning and Control

New York University *Jan 2016*
Steinhardt School of Culture, Education, and Human Development
B.S. Applied Psychology, Minor in Web Programming and Applications

HONORS AND AWARDS

University of Florida

Alpha Epsilon Lambda – University of Florida *Oct 2018*
National Graduate Honor Society – Membership awarded to top 1% of graduate population of a campus per year

Norma Leavitt Scholarship – College of Health and Human Performance *Sep 2018*
Scholarship Funding: \$2,000

Graduate School Funding Award (GSFA) – University of Florida *Aug 2017 –*
Awarded to the Most Impressive PhD Applicants (Accepted as 1 of 4 Awardees)

New York University

Magna Cum Laude *Jan 2016*
Founder's Day Award *Jan 2016*
Psi Chi – International Honor Society of Psychology *May 2014 – Jan 2016*
Dean's List *May 2013 – Jan 2016*
Selected to receive:
 Dean's Undergraduate Research Fund Grant (DURF) (Declined) *Nov 2014*
 \$1000 Award towards Research Proposal
 Peter Bergmann Research Scholar Award (Declined) *Nov 2014*
 Prestigious Award for Most Impressive Grant Submission

RESEARCH POSITIONS

Doctoral Student

University of Florida *Aug 2017 –*
Neuromotor Behavior Lab
Gainesville, FL
Advisor: Rachael D. Seidler, Ph.D.

Post-Baccalaureate Intramural Research Training Award (IRTA)

Feb 2016 – Jun 2017

National Institutes of Health (NIH)
National Center for Complimentary and Integrative Health (NCCIH)
Section on Affective Neuroscience and Pain (ANP) Lab
Bethesda, MD

Advisor: Lauren Y. Atlas, Ph.D.

Undergraduate Research Assistant

Jan 2014 – Dec 2015

New York University
Curtis Lab
New York, NY

Advisor: Clayton E. Curtis, Ph.D.

Research Assistant – Summer Internship Program (SIP) Fellow

May 2015 – Aug 2015

National Institutes of Health (NIH)
National Center for Complimentary and Integrative Health (NCCIH)
Section on Affective Neuroscience and Pain (ANP Lab)
Bethesda, MD

Advisor: Lauren Y. Atlas, Ph.D.

Undergraduate Research Assistant

Sep 2013 – Dec 2013

New York University
Teacher Instructional Practices and Processes System (TIPPS)
New York University, New York, NY

Research Projects:

Intern

Jun 2011 – Aug 2011

Loudoun County Public Schools
Loudoun, VA

Advisor: Sonya T. Lanier, Ph.D.

PUBLICATIONS

Mischkowski, D., Palacios-Barrios, E. E., **Banker, L.**, Dildine, T. C., & Atlas, L. Y. (2018) Pain or nociception? Subjective experience mediates the effect of acute noxious heat on autonomic responses *Pain*. 159(4), 699-711. Impact factor: 5.213

Banker, L. A. (2015). "The effectiveness of music therapy in treating symptoms of Alzheimer's disease." *NYU Applied Psychology Online Publication of Undergraduate Studies (OPUS)*. Impact factor: NA

PRESENTATIONS

Conference: Neural Control of Movement

When: May 2018, Santa Fe, NM

Title: Neural and behavioral sensorimotor adaptation changes in astronauts during spaceflight

Authors: **Banker, L. A.**, Bennett, K. A., Koppelmans, V., Riascos-Castaneda, R. F., Gadd, N. E., Kofman, I., De Dios, Y. E., Bloomberg, J. J., Mulavara, A. P., & Seidler, R. D.

Conference: Social & Affective Neuroscience Society (SANS)

When: May 2018, Brooklyn, NY

Title: How race and sex influence physiological and subjective responses to aversive stimulation.

Authors: Dildine, T. C., Mischkowski, D., **Banker, L. A.**, Palacios-Barrios, E. E., Olsson, A., & Atlas, L. Y

Oral/Poster: Poster presentation

Conference: Social & Affective Neuroscience Society (SANS)

When: May 2018, Brooklyn, NY

Title: Parasympathetic cardiac control is associated with pain reversal learning

Authors: Necka, E. A., Palacios-Barros, E. E., Dildine, T. C., **Banker, L. A.**, & Atlas, L. Y

Conference: Social & Affective Neuroscience Society (SANS)

When: March 2017, Los Angeles, CA.

Title: Trait mindfulness is related to retrospective but not current pain.

Authors: Mischkowski, D., Dildine, T. C., Palacios-Barrios, E., **Banker, L.**, & Atlas, L. Y.

Conference: Summer Poster Day, National Institutes of Health

When: July 2016, Bethesda, MD

Title: The effect of mindful attention on pain perception.

Authors: Stavish, C., Mischkowski, D., **Banker, L.**, Palacios-Barrios, E., & Atlas, L.

Conference: Postbac Poster Day, National Institutes of Health

When: April 2016, Bethesda, MD

Title: Autonomic responses to acute noxious stimulation.

Authors: **Banker, L.**, Dildine, T., Palacios-Barrios, E., Mischkowski, D., & Atlas, L. Y.

Conference: Division of Intramural Research (DIR) Training Day, National Center for Complementary and Integrative Health, National Institutes of Health

When: April 2016, Washington, D.C.

Title: Autonomic responses to thermal noxious stimulation.

Authors: **Banker, L.**, Dildine, T., Palacios-Barrios, E., Mischkowski, D., & Atlas, L. Y.

Conference: Postbac Poster Day, National Institutes of Health

When: April 2016, Bethesda, MD

Title: Does anxiety affect responses to painful stimuli in a learning task?

Authors: Palacios-Barrios, E., Dildine, T., **Banker, L.**, Mischkowski, D., & Atlas L.

Conference: Social & Affective Neuroscience Society (SANS)

When: April 2016, New York University, New York City, NY.

Title: Autonomic arousal mediates the effect of stimulus intensity on pain.

Authors: Mischkowski, D., Dildine, T., Palacios-Barrios, E., **Banker, L.**, & Atlas L.

Conference: Social & Affective Neuroscience Society (SANS)

When: April 2016, New York University, New York City, NY.

Title: The role of uncertainty in the perception of pain.

Authors: Dildine, T., Palacios-Barrios, E., **Banker, L.**, Mischkowski, D., & Atlas L.

Conference: Applied Psychology's Psych Cafe

When: September 2015, New York University, New York City, NY.

Title: Pupillary responses to thermal pain stimulation in healthy volunteers.

Authors: Banker, L., Dildine, T., & Atlas, L.

Conference: Summer Poster Day, National Institutes of Health

When: August 2015, Bethesda, MD

Title: The relation between heat pain and pupillary responses in healthy volunteers.

Authors: Banker, L., Dildine, T., & Atlas, L.

MEMBERSHIP

Society for the Neural Control of Movement *Sep 2017 –*
American Association of University Women (AAUW), Gainesville Branch *Aug 2017 –*
Women in Science and Engineering (WiSE), Gainesville Chapter *Sep 2017 –*
American Association of University Women (AAUW), Reston – Herndon Branch *Sep 2016 – Jul 2017*

MENTORSHIP

AJ Kerwin, University of Florida, Undergraduate Research Assistant *Sep 2017 –*
Aditya Mahadevan, University of Florida, Undergraduate Research Assistant *Sep 2017 –*
Caitlin Stavish, National Institutes of Health Summer Intern *May 2016 – Aug 2016*
Carlos Melendez, National Institutes of Health High School Scientific
Training and Enrichment Program (HiSTEP) Volunteer *May 2016 – Aug 2016*

SERVICE / OUTREACH

American Association of University Women (AAUW)
Tech Trek Summer Camp Counselor *June 2018*
Paula Young Shelton Seminar Assistant Planner and Attendee *April 2017*
--Daughter of Civil Rights leader Andrew Young on memories of the Civil Rights Movement
University of Florida
National Biomechanics Day Volunteer *April 2018*
Women in Science and Engineering (WiSE) Spring Camp Volunteer *March 2018*
Brain Awareness Week Volunteer – North Central Florida Neuroscience Chapter *March 2018*
National Institutes of Health
High School Scientific Training and Enrichment Program (HiSTEP) Mentor *May 2016 – Aug 2016*
New York University
Brain Awareness Week Volunteer *March 2015*