

EMILY E. NOBLE, Ph.D.

Curriculum vitae, updated January 2020

Department of Foods and Nutrition, University of Georgia
305 Sanford Dr, Athens, GA 30602
Tel: 706-542-2292, email: emily.noble@uga.edu

EDUCATION AND POSTDOCTORAL TRAINING

B.A. in Natural Science (May 2001): Hampshire College, Amherst, MA

M.S. in Nutrition (January 2010): University of Minnesota, Minneapolis, MN

Ph.D. in Nutritional Biochemistry (May 2014): University of Minnesota, Minneapolis, MN

Postdoctoral Research in Neuroscience (June 2014-July 2015): University of California (Los Angeles, CA); Fernando Gomez-Pinilla Lab

Postdoctoral Fellow in Neuroscience (July 2015-Sept 2018): University of Southern California (Los Angeles, CA); Scott Kanoski Lab

ACADEMIC APPOINTMENTS

Research Assistant Professor (September 2018-July 2019): University of Southern California Dornsife College of Letters, Arts, and Sciences; Department of Biological Sciences, Human and Evolutionary Biology Section (Los Angeles, CA)

Assistant Professor (Tenure Track) (August 2019-present) University of Georgia College of Family and Consumer Sciences; Department of Foods and Nutrition (Athens, GA)

RESEARCH SUPPORT

Current Funding

Total costs

K01: Career Development Award, KDK118000

NIH/NIDDK (3/26/2019-3/26/2024)

Title: Melanin Concentrating Hormone and the Neural Regulation of Feeding

Role: Principal Investigator

Institutional Affiliation: University of Southern California, Los Angeles, CA

Completed Awards

Early Career Grant Challenge Award

\$25,000

The Obesity Society (2018-2019)

Title: Effects of early life sugar consumption on cognitive function during adulthood

Role: Principal Investigator

Institutional Affiliation: University of Southern California, Los Angeles, CA

F32: Ruth Kirschstein National Research Service Award (NRSA), DK111158 \$118,332

NIH/NIDDK (7/1/17- 7/1/19)

Title: Early life sugar consumption: effects on cognitive impairment and susceptibility to obesity

Role: Principal Investigator

Institutional Affiliation: University of Southern California, Los Angeles, CA

T32: Minnesota Obesity Prevention Training Grant, T32DK083250

NIH/NIDDK (5/13/13- 5/13/14)

Goals: This funding supported my doctoral research on the hypothalamic regulation of energy balance at the University of Minnesota

Role: Graduate Student Trainee

Institutional Affiliation: University of Minnesota, Minneapolis, MN

Community Assistantship Award

Center for Urban and Regional Affairs (2008-2009)

Goals: This award funded my master's thesis project on polyphenolic compounds and antioxidant capacity of *Phaseolus Vulgaris*

Role: Graduate Student

Institutional Affiliation: University of Minnesota, Minneapolis, MN

SCIENTIFIC PUBLICATIONS

Peer-reviewed journal publications (in reverse chronological order) **h-index: 16**:

* indicates co-corresponding

2019

1. Suarez AN., Liu CM., Cortella AM., **Noble EE.**, Kanoski SE. "Ghrelin and orexin interact to increase meal size through a descending hippocampus to hindbrain signaling pathway" *Biol Psychiatry* 2019 (*Epub ahead of print*); PMID 31836175
2. Liu CM., Davis, EA., Suarez, AS., Wood RI., ***Noble EE.**, *Kanoski SE "Sex differences and estrous influences on oxytocin control of food intake" *Neuroscience* 2019 (*Epub ahead of print*; PMID 31738883
3. **Noble EE.**, Wang Z., Liu CM., Davis EA., Suarez AN., Stein LM., Tsan L., Terrill SJ., Hsu TM., Jung A., Raycraft LM., Hahn JD., Darvas M., Cortella AM., Schier LA., Johnson AW., Hayes MR., Holschneider DP., Kanoski SE. "Hypothalamus-hippocampus circuitry regulates impulsivity via melanin-concentrating hormone" *Nature Communications* 2019; 10(1):4923; PMID 31664021
4. Suarez A., **Noble EE.**, Kanoski S. "Regulation of memory by feeding-relevant biological systems: following the breadcrumbs to the hippocampus" *Frontiers in Molecular Neuroscience* 2019; 12:101 PMID 31057368
5. **Noble EE.**, Hsu TM., Liang J., Kanoski SE. "Early life sugar consumption has long-term negative effects on memory function in Male rats." *Nutritional Neuroscience* 2017; 1-11; PMID 28944721
6. Malaeb S., Perez-Leighton CE., **Noble EE.**, Billington C. "A 'NEAT' approach to obesity prevention in the modern work environment" *Workplace Health Saf.* 2019; 67(3): 102-110; PMID: 30370831

2018

7. Ying Z., Byun H., Meng Q., **Noble EE.**, Zhang G., Yang X., Gomez-Pinilla F. "The biglycan gene connects metabolic dysfunction with brain disorder" *Biochim Biophys Acta*. 2018 1864(12):3679-87; PMID: 30291886
8. **Noble EE.**, Hahn JD., Konanur VR., Hsu TM., Page SJ., Cortella AM., Liu CM., Song MY., Suarez AN., Szujewski CC., Rider D., Clarke JE., Darvas M., Appleyard SM., Kanoski, SE. "Control of feeding behavior by cerebral ventricular volume transmission of melanin-concentrating hormone." *Cell Metabolism* 2018; PMID 29861386 **Featured on the cover**
9. Suarez AN., Hsu TM., Liu CM., **Noble EE.**, Cortella AM., Nakamoto EM., Hahn JD., de Lartigue G., Kanoski SE. "Gut vagal sensory signaling regulates hippocampus function through multisynaptic pathways." *Nature Communications* 2018; PMID 29872139
10. Hsu TM., **Noble EE.**, Reiner DJ., Liu CM., Suarez AN., Konanur VR., Hayes MR., Kanoski SE. "Hippocampus ghrelin receptor signaling promotes socially-mediated learned food preference." *Neuropharmacology* 2018; 131:487-96; PMID 29191751

2017

11. Reiner DJ., Mietlicki-Baase EG., Olivos DR., McGrath LE., Zimmer DJ., Koch-Laskowski K., Krawczyk J., Turner CA., **Noble EE.**, Hahn JD., Schmidt HD., Kanoski SE., Hayes MR. "Amylin acts in the lateral dorsal tegmental nucleus to regulate energy balance through gamma-aminobutyric acid signalling." *Biological Psychiatry* 2017; 82(11):828-838; PMID 28237459 **Featured on the cover**
12. Lopez-Ferreras L., Richard JE., **Noble EE.**, Eerola K., Anderberg RH., Olandersson K., Tiang L., Kanoski SE., Hayes MR., Skibicka KP. "Lateral hypothalamic GLP-1R receptors are critical for the control of food reinforcement, ingestive behavior and body weight." *Molecular Psychiatry* 2017; PMID 28894301
13. Hsu, TM., **Noble EE.**, Liu CM., Cortella AM., Konanur VR., Suarez AN., Reiner DJ., Hahn JD., Hayes MR., Kanoski SE. "A hippocampus to prefrontal cortex neural pathway inhibits food motivation through glucagon-like peptide-1 signalling." *Molecular Psychiatry* 2017; PMID 28461695
14. **Noble EE.**, Hsu, TM., Kanoski SE. "Gut to brain dysbiosis: Mechanisms linking Western Diet consumption, the microbiome, and cognitive impairment." *Frontiers in Behavioral Neuroscience*. 2017; 11:9; PMID 28194099
15. **Noble EE.**, Hsu TM., Jones RB., Fodor AA., Goran MI., Kanoski SE. "Early life sugar consumption affects the rat microbiome independently of obesity." *Journal of Nutrition* 2017; 147(1): 20-8; PMID 27903830

2016

16. **Noble E.E.** and Kanoski S.E. "Early life exposure to obesogenic diets and learning and memory dysfunction." *Curr Opin Behav Sci* 2016; 9:7-14; PMID 26858972
17. Meng Q., Ying Z., **Noble E.** Zhao Y., Agrawal R., Mikhail A., Zhuang Y., Tyagi E., Zhang Q., Lee J., Morselli M., Orozco L., Guo W., Kilts T., Zhu J., Zhang B., Pellegrini M., Xiao X., Young M., Gomez-Pinilla F., Yang X. "Systems nutrigenomics reveals brain gene networks linking metabolic and brain disorders" *eBioMedicine* 2016; 7:157-66; PMID: 27322469
18. Agrawal R., Zhuang Y., **Noble E.E.**, Vergnes L., Ying Z., Reue K., Gomez-Pinilla F. "Dietary fructose aggravates the pathobiology of TBI by influencing energy homeostasis and plasticity." *J Cereb Blood Flow Metab*. 2016; PMID: 26661172.
19. Teske JA., Perez-Leighton CE., **Noble EE.**, Wang C., Billington CJ., Kotz CM. "Effect of housing types on growth, feeding, physical activity, and anxiety-like behavior in male Sprague-Dawley rats" *Front Nutr* 2016;3:4; PMID: 26870735

2015

20. Hsu TM., Hahn, JD., Konanur VR., **Noble EE.**, Suarez AN., Thai J., Nakamoto EM.,

- Kanoski SE. "Hippocampus ghrelin signaling mediates appetite through lateral hypothalamic orexin pathways." *Elife* 2015; 4; PMID: 26745307
21. Agrawal R., **Noble E.**, Tyagi E., Zhuang Y., Ying Z., Gomez-Pinilla F. "Flavonoid Derivative 7,8-DHF attenuates TBI pathology via TrkB activation." *Biochim Biophys Acta*. 2015; 1852 (5): 862-72; PMID 25661191
 22. Wu A., **Noble EE.**, Tyagi E., Ying Z., Zhuang Y., Gomez-Pinilla F. "Curcumin boosts DHA in the brain: implications for the prevention of anxiety disorders." *Biochim Biophys Acta*. 2015; 1852(5): 951-61; PMID 25550171
- 2014
23. **Noble EE.**, Mavanji V., Little MR., Kotz CM., Billington CJ., Wang, C. "Exercise reduces diet-induced cognitive decline and increases hippocampal brain-derived neurotrophic factor in CA3 neurons." *Neurobiology of Learning and Memory* 2014; 114C: 40-50; PMID 24755094
- 2013
24. **Noble EE.**, Little MR., Billington CJ., Kotz CM., Wang CF. "Oxytocin in the ventromedial hypothalamus reduces feeding and body weight in Sprague Dawley rats." *Am J Physiol Regul Integr Comp Physiol*. 2013; 307 (6): R737-45; PMID 24990860
- 2011
25. **Noble EE.**, Billington CJ., Kotz CM., Wang C. "The lighter side of BDNF." *Am J Physiol Regul Integr Comp Physiol* 2011; 300: R1053-1069; PMID 21346243
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ABSTRACT PRESENTATIONS

1. **Noble EE.**, Jones RJ., Olson C., Tsan L., Fodor A., Goran I., Hsiao E., Kanoski SE. "Elevated gut *Parabacteroides* due to early life sugar consumption impairs memory function in rats"- Oral presentation, *The Obesity Society annual meeting*, October 2019
2. **Noble EE.**, Kanoski SE., "Early life sugar consumption alters the gut microbiome and negatively impacts memory function in rats" -Oral presentation, *Society for the Study of Ingestive Behavior*, July 2018
3. **Noble EE.**, Hsu TM., Kanoski SE., "Central melanin-concentrating hormone neural signaling increases impulsive responding for food." – Oral presentation (Ethan Sims Young Investigator Award Session), *The Obesity Society annual meeting*, October 2017 ***1st place winner of the Ethan Sims Young Investigator Award.**
4. **Noble EE.**, Kanoski SE., "Effects of early life sugar consumption on memory function during adulthood" –Oral Presentation, (Early Career Research Grant Challenge Session), *The Obesity Society annual meeting*, October 2017 ***1st place winner of the Early Career Research Grant Challenge**
5. **Noble EE.**, Hsu TM., Kanoski SE., "Melanin-concentrating hormone signaling in the ventral hippocampus increases impulsive responding for palatable food." –Oral presentation, *Society for the Study of Ingestive Behavior*, July 2017 ***1st place for the Harry R. Kissileff Award for best oral presentation**
6. **Noble EE.**, Hsu TM., Suarez A., Liu CM, Cortella A., Kanoski SE. "Melanin-concentrating hormone neuronal signaling increases food impulsivity: evidence for a role of the ventral hippocampus."- Oral presentation *Diabetes and Obesity Research Symposium*, February 2017 ***2nd place for best trainee oral presentation**
7. **Noble EE.**, Liu CM., Song MY., Konanur VR., Hsu TM., Suarez AN., Hahn JD., Kanoski SE. "Evidence for 'bulk flow' neurohumoral transmission by the orexigenic neuropeptide, melanin-concentrating hormone"- Oral presentation, poster presentation

Winter Conference on Brain Research, January 2017 ***Selected as an “outstanding junior scientist” to give a talk featured in the Pioneer Session**

8. **Noble EE.**, Hsu TM., Jones RB., Fodor AA., Goran MI., Kanoski SE. “Early life sugar consumption alters the gut microbiome and negatively impacts memory function in rats.” - Oral presentation, *The Obesity Society annual meeting*, October 2016
9. **Noble EE.**, Song MY., Konanur V., Hsu TM., Suarez A., Hahn JD., Kanoski, SE. “Evidence for ‘bulk flow’ neurohumoral transmission by the orexigenic neuropeptide, melanin-concentrating hormone”- Oral presentation, *Society for the Study of Ingestive Behavior*, July 2016
10. **Noble EE.**, Konanur V., Hsu TM., Suarez A., Hahn JD., Kanoski SE. “Evidence for neurohumoral transmission by the orexigenic neuropeptide, melanin-concentrating hormone” – poster presentation *Diabetes and Obesity Research Symposium*, February 2016
11. **Noble EE.**, Meng Q., Ying Z., Zhuang Y., Gomez-Pinilla F., Yang X. “Proteoglycans of the extracellular matrix influence body composition and glucose homeostasis during high fructose consumption”- Oral presentation, *The Obesity Society annual meeting*, November 2015
12. **Noble EE.**, Meng Q., Ying Z., Zhuang Y., Byun HR., Yang X., Gomez-Pinilla F. “The extracellular matrix proteoglycan biglycan and fructose-induced central and peripheral metabolic disease” – Poster presentation, *The Society for Neuroscience annual meeting*, November 2015
13. **Noble EE.**, “Skiing through lunch: exercise, obesity and the dynamically modifiable brain.”– Oral presentation *Winter Conference on Brain Research annual meeting*, January 2015
14. **Noble EE.**, Dieuleveult A., Duffy C., Lee R., Bainter H., Nixon J., Butterick T., Billington CJ., Kotz CM., Wang CF. “Impact of environmental enrichment on individual food intake and hypothalamic genes related to energy balance.” – Poster presentation *Society for Neuroscience annual meeting*, November 2014
15. **Noble EE.** “Effect of dietary fructose on the brain during TBI”- Oral presentation *UC Neurotrauma annual meeting*, September 2014
16. **Noble EE.**, Little MR., Billington CJ., Kotz CM., Wang CF. “Oxytocin in the ventromedial hypothalamus reduces feeding and increases energy expenditure in Sprague Dawley rats” – Poster presentation *Society for Neuroscience annual meeting*, November 2013
17. **Noble EE.**, Mavanji V., Little MR., Kotz CM., Billington CJ., Wang CF. “Exercise reduces cognitive decline induced by dietary fat” – Poster presentation *Society for Neuroscience annual meeting*, November 2012
18. **Noble EE.**, Perez-Leighton C., Billington CJ., Kotz CM., Wang CF. “Exercise effects on tropomyosin-related kinase receptor B (trkB) in the hypothalamic paraventricular nucleus (PVN): characterization of PVN trkB fibers.”– Poster presentation *Society for Neuroscience annual meeting*, November 2012
19. **Noble EE.** “Homeostatic and reward mechanisms involved in the neural regulation of energy homeostasis and obesity”– Oral presentation *Winter Conference on Brain Research annual meeting*, January 2012
20. **Noble EE.**, Billington CJ., Kotz CM., Wang CF. “Effects of exercise on markers of hypothalamic neuroplasticity and neurodegeneration: changes in appetite and energy balance.”– Poster presentation *Society for Neuroscience annual meeting*, November 2011

INVITED RESEARCH PRESENTATIONS

Scientific Symposia

- **International Symposium on Regulatory Peptides** (September 2020, Acapulco, Mexico)
“Central oxytocin in social and reward-based feeding”
- **Gut-Brain Communication in Metabolic Control and Regulation of Energy Homeostasis workshop** (August 2020, Ascona Switzerland)
- **National Institutes of Health (NIDDK) Sensory Nutrition and Disease Workshop** (November 2019, Bethesda, MD) “Early-life flavors and sweet response as it relates to cognitive development and obesity”
- **The Obesity Society annual meeting** (November 2018, Nashville TN) “Melanin-concentrating hormone and food intake regulation: neural signaling vs. CSF volume transmission”

Academic University Seminars

- Department of Physiology and Pharmacology, University of Georgia (2019)
 - Neuroscience Program, University of Georgia (2019)
 - Department of Foods and Nutrition, University of Georgia (2018)
 - Department of Nutrition, Penn State University (2018)
 - Department of Nutritional Sciences, University of Arizona (2014)
 - Department of Psychology, Saint Catherine’s University (2014)
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OTHER PROFESSIONAL ACTIVITIES AND DISTINCTIONS

Awards and Honors

- Rolls-Simons Travel Award
The Obesity Society 2019
- Ethan Sims Young Investigator Award (for best abstract and oral presentation)
The Obesity Society, 2017
- Early Career Grant Challenge Award (for best oral presentation and grant proposal)
The Obesity Society, 2017
- Harry R. Kissileff Award (for best oral presentation by a postdoctoral researcher)
The Society for the Study of Ingestive Behavior, 2017
- 2nd place award for best presentation by a trainee
The Diabetes and Obesity Research Institute (USC), 2017
- Young Investigator Travel Award
Winter Conference on Brain Research, 2017
- New Investigator Travel Award
Society for the Study of Ingestive Behavior, 2016
- Travel Award
Women in Science and Engineering, 2015

Reviewer- Scientific Journals (ad hoc)

- American Journal of Physiology (Regulatory, Integrative, and Comparative)
- Brain Research
- Experimental Gerontology
- International Journal of Obesity
- Journal of Neurophysiology
- Journal of Nutrition
- Molecular Psychiatry
- Neuropharmacology
- Nutritional Neuroscience

- Nutrition Research
- Obesity
- Physiology and Behavior
- PLoS ONE

Reviewer- Grants (ad hoc)

- Mouse Metabolic Phenotyping Centers MICROMouse grant program

Professional Memberships

- The Obesity Society 2013-
- Society for Ingestive Behavior 2013-
- American Society for Nutrition 2019-
- The American Diabetes Association 2015-2016
- The American Heart Association 2014-2015
- Society for Neuroscience 2011-2015
- Graduate Women in Science 2012

Other Service

- Symposium Session Co-chair
Experimental Biology 2020
- Public Information Committee
The Society for the Study of Ingestive Behavior, elected 2019
- New Investigator Advisory Board
The Society for the Study of Ingestive Behavior, elected 2018
- Oral Symposium Session Co-chair
The Obesity Society Annual Meeting, 2017
- Abstract Rater
The Obesity Society Annual Meeting, 2016-2017
- Poster Presentation Judge
The Society for the Study of Ingestive Behavior, 2016
- Invited Presenter (High School Outreach Event)
USC InterAxon Research Day, 2016
- Invited Presenter (Undergraduate Outreach Event)
USC WiSE and Dine event, 2016
- Co-organizer WISTEM (Women in STEM) and Presenter
Developed an after school program to teach STEM to middle school girls, 2015-2016

TEACHING EXPERIENCE

Courses

- Introduction to Foods and Nutrition FDNS 2100 (Fall 2019)
University of Georgia, Athens, GA

Guest Lectures

- Food, Society and Health GESM 130 (Fall 2018)
University of Southern California, Los Angeles, CA
- Neurobiology of Feeding Behavior and Obesity HBIO 435 (Spring 2018)
University of Southern California, Los Angeles, CA

- Metabolic Diseases HBIO 409 (Spring 2016, 2017)
University of Southern California, Los Angeles, CA
- Behavioral Strategies for Nutrition and Fitness HP 431 (Spring 2016)
University of Southern California, Los Angeles, CA
- Neural Control of Physiological Systems C144/244 (Fall 2014)
University of California, Los Angeles, CA
- Obesity Prevention: From the Molecule to the Bedside FScN 8620 (Fall 2014)
University of Minnesota, Minneapolis, MN
- General Biology BIO151 (2010, 2011)
Augsburg College, Minneapolis, MN
- Seminar AUG101 (2012)
Augsburg College, Minneapolis, MN

Teaching Assistantships

- Principles of Nutrition Science FScN 1112 (Jan. 2009-May 2010)
University of Minnesota, Twin Cities; Dr. Linda Brady & Dr. Jillian Lampert
- Chemical Reactions in Food Systems FScN 4311 (Jan. 2010-May 2010)
University of Minnesota-Twin Cities; Dr. A. Saari Csallany
- Human Nutrition FScN 4612 (Sept. 2007-Dec. 2008)
University of Minnesota-Twin Cities; Dr. Joanne Slavin

LEADERSHIP, MENTORING, AND OUTREACH ACTIVITIES

Women in Science, Technology and Engineering Outreach Program (2016-2017)

- Co-founded a program where we recruited mentors from various fields of science, technology and engineering to lead a series of interconnected workshops with middle school girls of diverse ethnic and socioeconomic backgrounds in various regions of Los Angeles.
- Led neuroscience workshops, and recruited several graduate and undergraduate student mentees to help so that they could enhance their own teaching skills and practice talking about our research at level that is accessible to non-neuroscientists.

InterAxon Neurocamp Mentor (2016, 2017)

- Mentored the student organizers of a week-long neuroscience camp for high school kids by helping them plan and execute a hands-on research experience.
- Gave the opening lecture for the camp each year.

Women in Science and Engineering Club Mentor (2017)

- Served as a mentor to undergraduate students who started a club on campus for women interested in a career in science or engineering.
- Participated in WISE and Dine event as a mentor in the biological sciences

Community Nutrition Educator, Minneapolis Growers Association (2011-2013)

- Gave cooking demonstrations and while giving nutrition education presentations at the Minneapolis Farmers Market.
- Weekly radio appearances on the Fresh and Local show for “ask the Nutritional Biochemist” segment.

SciGirls Mentor Episode 108 (2010, outreach-2012)

- Served as a mentor on the Emmy Award winning PBS series SciGirls, designed to get girls interested in science.
- Pitched the Nutrition Science episode to the show, and generated content for the episode.
- Did follow up outreach in the community with SciGirls after the episode aired.

Dream of Wild Health Food and Nutrition Educator (2009, 2010)

- Taught cooking and nutrition to Native American high school kids from low income families with food insecurity. The kids were taught how to grow and prepare their own foods using the principles of Traditional Native American cultural eating patterns.

Graduate Students Mentored (University of Georgia)

- Felicia Ebot-Ojong (Fall 2019 rotation student, Integrated Life Sciences program, UGA)
- Rachel Dockman (Fall 2019 rotation student, Integrated Life Sciences program, UGA)

Graduate Students Mentored (University of Southern California)

- Andrea Suarez (Integrative and Evolutionary Biology Program, USC; 2015-present)
 - Received Top-Off Fellowship from Women in Science and Engineering (WiSE), University of Southern California (August 2015)
 - Received Research Travel Grant from Women in Science and Engineering (WiSE), University of Southern California (June 2016)
 - Received Research Supplement to Promote Diversity in Health-Related Research from NIDDK
 - Received "Honorable Mention" for NSF Graduate Research Fellowship -Received graduate student poster presentation award (3rd place) from the Diabetes and Obesity Research Institute (March 2017)
 - Received F31 Ruth L. Kirschstein National Research Service Award from NIDDK (July 2018)
- Clarissa Liu (Neuroscience Graduate Program, USC; 2015-present)
 - Received F31 Ruth L. Kirschstein National Research Service Award from NIDDK (July 2018)
- Linda Tsan (Neuroscience Graduate Program, USC; November 2017-present)
- Tanisha London (Neuroscience Graduate Program, USC; September 2018-present)
- Monica Song (Neuroscience Graduate Program, USC; Fall 2015 rotation student)
- Ah Yun Jung (Neuroscience Graduate Program, USC; Spring 2017 rotation student)

Undergraduate Students Mentored (as a Postdoctoral Fellow from Summer 2015-present)

- Judy Kang (Human Biology, USC; June 2018-present)
- John Bekos (Biological Sciences; Presidential Scholar, USC; Fall 2017-present)
 - Recipient of the Student Opportunities for Academic Research Fellowship
- Lekha Chirala (Health Promotion and Disease Prevention, USC; Summer 2017-present)
 - Recipient of the USC Undergrad Research Associates Program Fellowship
- Rae Lan (Neuroscience; Trustee Scholar, USC; Spring 2017-present)
 - Recipient of the Summer Undergraduate Research Fund
- Jamie Clarke (Human Biology; Trustee Scholar, USC, Spring 2017-present)
 - Fall 2018 Mentored academic research project (NEUR 490: course credit)
 - 1st Place winner (in Life Sciences) for presentation at the 2018 annual USC Undergraduate Symposium for Scholarly & Creative Work
 - Recipient of the Provost Research Fellowship
 - Recipient of the Women in Science and Engineering Undergraduate Research

- Fellowship
 - Recipient of the Student Opportunities for Academic Research Fellowship
- Ryan Fatemi (Neuroscience, USC; Spring 2016-present)
 - Fall 2018 Mentored academic research project (NEUR 490: course credit)
 - Spring 2018 Mentored academic research project (NEUR 490: course credit)
 - Fall 2017: Recipient of the Student Opportunities for Academic Research Fellowship
- Victor Lee (Human Biology; Presidential Scholar, USC; Fall 2016-present)
 - Recipient of the Provost Summer Research Fellowship
 - Presented at the annual USC Undergraduate Symposium for Scholarly & Creative Work
 - Recipient of the Provost Research Fellowship
 - Recipient of the Provost Research Fellowship (a second time)
 - Recipient of the Provost Research Fellowship (a third time)
 - Recipient of the Student Opportunities for Academic Research Fellowship
- Anish Reddy (Neuroscience, USC; 2016-2018-*currently a research technician at UCI*)
 - Recipient of the Summer Undergraduate Research Fund
 - Recipient of the Student Opportunities for Academic Research Fellowship
 - Recipient of the Summer Undergraduate Research Fund
- Nikita Shirsat (Neuroscience; Presidential Scholar, USC; Fall 2016-Spring 2017)
 - Recipient of the Women in Science and Engineering Undergraduate Research Fellowship
- Natalie Demirjian (Neuroscience, USC; Summer 2015-Spring 2017)
 - Recipient of the Summer Undergraduate Research Fund
 - Spring 2016: Mentored Academic Research Project (NEUR 490: course credit)
 - Recipient of the Summer Undergraduate Research Fund (a second time)
- April Banayan (Health Promotion and Disease Prevention, USC; Summer 2015-Spring 2017)
 - Accepted to medical school (Keck School of Medicine, University of Southern California)*
 - Fall 2015: Mentored Academic Research Project (HP 490: course credit)
- Kaitlin Sontag (Human Biology; Presidential Scholar USC; Summer 2015-Spring 2017)
 - Accepted to Physician Assistant (PA) program (Dominican University of California)*
 - Recipient of the Student Opportunities for Academic Research Fellowship
 - Fall 2015: Mentored Academic Research Project (BISC 490: course credit)
 - Recipient of the Summer Undergraduate Research Fund
- Allison Apfel (Health Promotion and Disease Prevention, USC; Summer 2015-Spring 2017)
 - Accepted to Medical School (Medical College of Wisconsin)*
 - Recipient of the Summer Undergraduate Provost Fellowship
 - Recipient of the USC Undergraduate Research Associates Program Fellowship
 - Spring 2015: Mentored Academic Research Project (HP 490; course credit)
- Emily Nakamoto (Neuroscience, USC; Summer 2015-Spring 2017)
 - Accepted to graduate school in Forensic Science (University of Illinois at Chicago)*
 - Recipient of the Provost Research Fellowship
 - Fall 2015: Mentored Academic Research Project (NEUR 490; course credit)
 - Recipient of the Summer Provost Research Fellowship
 - Fall 2014: Recipient of the Student Opportunities for Academic Research Fellowship
- Agustina Kim (Human Biology, USC; Summer 2015-Spring 2017)
 - Received M.S in Food Science (University of Massachusetts Amherst)*
 - Recipient of the Synergy award from the Department of Biological Sciences (award given to the most outstanding graduating senior pursuing a career in biological sciences)
 - Recipient of the Provost Research Fellowship

- Recipient of the Provost Research Fellowship
- Fall 2015: Mentored Academic Research Project (BISC 490; course credit)
- Recipient of the Provost Research Fellowship