APS Awards $56,250 to Its 2017 IOSP Undergraduate Research Fellows

Nine Fellows in the 2017 Cohort

Bethesda, Md. (June 13, 2017)—The American Physiological Society (APS) is pleased to announce its 2017 Integrative Organismal Systems Physiology (IOSP) Fellows. Fellowship winners spend the summer in the laboratory of an established scientist and APS member. The IOSP program recruits undergraduate students nationwide from disadvantaged backgrounds, from underrepresented racial and ethnic groups and students with disabilities to work with APS member-researchers in the National Science Foundation Division of Integrative Organismal System’s mission area of comparative and evolutionary physiology research, which looks at the similarities and differences of various species of living organisms.

2017 IOSP Fellows:
(APS member-hosts are listed under each Fellow’s name)

Laura Anchondo – University of California, Riverside
Margarita C. Currás-Collazo, PhD – University of California, Riverside

William Clark – Arizona State University
Karen Sweazea, PhD – Arizona State University

Megan Dougherty – Fort Hays State University
Yasuhiro Kobayashi, PhD – Fort Hays State University

Lauren Eisenman – Scripps College
Melissa J. Coleman, PhD – Claremont McKenna College

Alyssa Knudson – Coe College
Cassy Cozine, PhD – Coe College
Fellows are selected based on academic merit, the quality of the proposed experience and the availability of appropriate faculty mentors. Each Fellow receives a $4,000 stipend during the 10-week summer research experience and up to $1,050 for housing subsistence. Each Fellow also receives $1,200 in travel funds to present his or her research at the APS annual meeting at Experimental Biology 2018 in San Diego, which is expected to attract nearly 14,000 attendees. Research hosts receive $500 for lab supplies for the Fellow’s research project.

IOSP Fellows will participate in hands-on research and learn to develop a hypothesis, design and troubleshoot experiments, collect and analyze data, and write and present results. In addition, Fellows will have the opportunity to:

- network with other APS Fellows interested in and conducting biomedical or basic research,
- explore the nature of research and the scientific process,
- investigate physiology career options and what it takes to find career success,
- learn about scientific writing and draft a meeting abstract,
- learn about common ethical issues in figure and text preparation, and
- pose their career questions to members of the APS Advisory Board and APS Career Opportunities in Physiology Committee.

The IOSP program is supported by the APS and a grant from the National Science Foundation (NSF) Integrative Organismal Systems (IOS; Award No. IOS-1238831).
To set up an interview with one of the Fellows or a research host or to find out more about APS and its educational and award program initiatives, visit the APS website or contact Brooke Bruthers, APS senior program manager, diversity programs (301-634-7226), or Allison Hood, APS program coordinator, undergraduate programs (301-634-7233), or visit the APS IOSP website.

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**About the APS Education Department:** APS supports a variety of educational activities, including programs and fellowships to encourage the development of young scientists at the undergraduate and graduate levels, with a particular focus on women and underrepresented minorities. APS also supports refresher courses and teaching awards promoting continued excellence in education at the professional level. APS is a proud past recipient of the Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM).

**About the APS:** Physiology is the study of how molecules, cells, tissues and organs function in health and disease. Established in 1887, the American Physiological Society (APS) was the first U.S. society in the biomedical sciences field. The Society represents more than 10,500 members and publishes 15 peer-reviewed journals with a worldwide readership.