APS Awards $18,750 to Three IOSP Undergraduate Summer Research Fellows

Bethesda, Md. (May 29, 2018)—The American Physiological Society (APS) is pleased to announce its 2018 Integrative Organismal Systems Physiology (IOSP) Fellows. The IOSP program is intended to support U.S. undergraduate students from disadvantaged backgrounds, from underrepresented racial and ethnic groups and students with disabilities. Fellowship recipients spend the summer in the laboratory of an established APS member-researcher and conduct research 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.

2018 IOSP Fellows: (APS member-hosts are listed under each Fellow’s name)

- **Jad Aboulhosn** – *University of California, Merced*
- **Rudy Ortiz, PhD** – *University of California, Merced*
- **Ethan Wold** – *Brown University*
- **Monica Daley, PhD** – *Royal Veterinary College*
- **Sarah York** – *University of Nevada, Las Vegas*
- **Frank van Breukelen, PhD** – *University of Nevada, Las Vegas*

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 their 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 2019 in Orlando, which is expected to attract nearly 14,000 attendees. Research hosts receive $500 for lab supplies for the Fellows research projects.

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.