



The American Physiological Society  
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**APS Awards \$46,400 to Its 2014 IOSP Undergraduate Research Fellows**  
*Eight Fellows in the 2014 Cohort*

BETHESDA, MD (July 17, 2014) — The American Physiological Society (APS) is pleased to announce its 2014 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 and from underrepresented racial and ethnic groups and students with disabilities to work with APS member-researchers in the field of comparative physiology research.

Participants 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 fellowship and up to \$1,050 for housing subsistence. Each Fellow also receives \$750 in travel funds to present his or her research at the Experimental Biology 2015 meeting in Boston, which is expected to attract nearly 14,000 attendees. Research hosts receive \$500 for student lab supplies.

IOSP Fellows 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 have the opportunity to:

- network with other undergraduates interested in biomedical research,
- explore the nature of research and the scientific process,
- investigate career options and what it takes to find career success, and
- post their career questions to members of the APS Porter Physiology Development and Minority Affairs Committee and Advisory Board.

**2014 IOSP Fellows:**

(APS member-hosts are listed under each Fellow's name)

**Mustafa Alrubaiee** — *University of Maryland, College Park*  
**Georges E. Haddad, PhD** — *Howard University*

**Mun Aw** — *University of Arizona*  
**Thomas L. Pannabecker, PhD** — *University of Arizona*

**Yi Chen** — *University of Maryland*  
**Sheng Wu, PhD** — *Johns Hopkins University School of Medicine*

**Aaron Clarke** — *University of Minnesota Duluth*  
**Janet Fitzakerley, PhD** — *University of Minnesota Duluth*

**Madeline Espineira** — *University of Arizona*  
**Thomas L. Pannabecker, PhD** — *University of Arizona*

**Billy Mullinax** — *Presbyterian College*  
**Anthony Cammarato, PhD** — *Johns Hopkins University School of Medicine*

**Esteban Perez** — *University of Florida*  
**Keith Choe, PhD** — *University of Florida*

**Carolina Ramirez Vizcarrondo** — *Brown University*  
**Carlos Aizenman, PhD** — *Brown University*

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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, contact Brooke Bruthers, APS Senior Program Manager, Diversity Programs (301-634-7226; [bbruthers@the-aps.org](mailto:bbruthers@the-aps.org)), or Melinda Lowy, APS Senior Program Manager, Higher Education Programs (301-634-7787; [mlowy@the-aps.org](mailto:mlowy@the-aps.org)), or log onto [www.the-aps.org/iosp](http://www.the-aps.org/iosp).

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*The American Physiological Society is a professional scientific membership organization devoted to fostering scientific research, education and the dissemination of scientific information. The 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. In May 2004, APS won the Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM).*

Founded in 1887, the Society's membership includes more than 11,000 professionals in science and medicine.