APS Awards $109,200 to Twenty-One STRIDE Undergraduate Summer Research Fellows

Bethesda, Md. (May 29, 2018) — The American Physiological Society (APS) is pleased to announce its 2018 Short-Term Research Education Program to Increase Diversity in Health-Related Research (STRIDE) Fellows. The STRIDE 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 Heart, Lung and Blood Institute (NHLBI) mission areas of cardiovascular, pulmonary, hematologic and sleep disorder research.

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

Jeffrey Aceves – University of California, Merced
David M. Pollock, PhD – University of Alabama at Birmingham

Ines Aguerre – Tulane University
Sarah Lindsey, PhD – Tulane University

Corbin Azucenas – University of Cincinnati
Bryan Mackenzie, PhD – University of Cincinnati

Rashi Bhatt – Johns Hopkins University
Irene Solomon, PhD – Stony Brook University

Brandon Cooley – University of Iowa
Donna Ann Santillan, PhD – University of Iowa Carver College of Medicine

Chelsy Cummings – University of California, Merced
Rudy M. Ortiz, PhD – University of California, Merced
Ugne Dinsmonaite – Benedictine University
Jayashree Sarathy, PhD – Benedictine University

Brian Freeman – University of California, Merced
Edward Inscho, PhD – University of Alabama at Birmingham

Krystal Glasford – University of Florida
Michelle Gumz, PhD – University of Florida

Makinzie Hamilton – University of Colorado, Boulder
Doug Seals, PhD – University of Colorado, Boulder

Carolyn Lo – University of Iowa
Mark Santillan, MD, PhD – University of Iowa Carver College of Medicine

Vanessa Lopez – Occidental College
Sean M. Wilson, PhD – Loma Linda University School of Medicine

Juliana O’Reilly – West Virginia University
Mark Olfert, PhD – West Virginia University

Marcelo Pena – University of Texas at El Paso
Alvaro Gurovich – University of Texas at El Paso

Abigail Russell – Taylor University
Steven J. Miller, PhD – Indiana University

Sydney Stone – University of Cincinnati
Bryan Mackenzie, PhD – University of Cincinnati

McKenzie Temperly – Drake University
Kimberly Huey, PhD – Drake University

Elizabeth Trujillo – University of Texas at El Paso
Alvaro Gurovich – University of Texas at El Paso

Alexandria Valdez – University of South Florida Morsani College of Medicine
Timo Rieg, MD and Jessica Dominguez Rieg, PhD – University of South Florida

Nicolas Villarraga – Creighton University
Thomas P. Olson, PhD – Mayo Clinic

Ashley Weaver – Pennsylvania State University
Patricia Silveyra, PhD – Pennsylvania State University College of Medicine
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 research experience and an additional $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.

STRIDE 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 STRIDE program is supported by the APS and a grant from the National Heart, Lung and Blood Institute of the National Institutes of Health (NHLBI; 1 R25 HL115473-01).

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 STRIDE 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.