APS Awards $127,200 to Its 2017 Undergraduate Summer Research Fellows

24 Fellows in the 2017 Cohort

Bethesda, Md. (June 13, 2017)—The American Physiological Society (APS) is pleased to announce its 2017 Undergraduate Summer Research Fellowship (UGSRF) recipients. Fellowship recipients spend the summer in the laboratory of an established scientist and APS member. The UGSRF program recruits undergraduate students worldwide.

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

Alecia Alto – University of Minnesota Rochester
Arthur Beyder, MD, PhD – Mayo Clinic

John Bonamer – University of Cincinnati
Bryan Mackenzie, PhD – University of Cincinnati College of Medicine

Thomas Bye – Michigan Technological University
Steven J. Elmer, PhD – Michigan Technological University

Autumn Conger – University of Kentucky
Kenneth S. Campbell, PhD – University of Kentucky

Lauren DeSantis – University of Michigan
Christin Carter-Su, PhD – University of Michigan

Melanie Judice – The George Washington University
Colin N. Young, PhD – The George Washington University

Jeffrey Kepple – Gonzaga University
Christopher L. Mendias, PhD – University of Michigan

Iuliia Kulchytska – Los Angeles City College
Eric R. Gross, MD – Stanford University

Pierce Lancor – University of New England
Markus Frederich, PhD – University of New England

Amanda Ludwig – Purdue University
Joshua T. Selsby, PhD – Iowa State University

Rachel Maile – Virginia Polytechnic Institute and State University
Sean D. Stocker, PhD – University of Pittsburgh School of Medicine

Madeline Matthys – Duke University
Thomas Weimbs, PhD – University of California, Santa Barbara

Joseph Mijares – University of Florida
Karyn Esser, PhD – University of Florida

Amber Miller – University of Florida
Michelle L. Gumz, PhD – University of Florida

Dante Pezzutti – University of Dayton
Carissa M. Krane, PhD – University of Dayton

Lindsay Piwinski – Pitzer College
Jenna A. Monroy, PhD – Claremont Colleges

Tania Rodezno – Augustana University
Mark K. Larson, PhD – Augustana University

Zachary Trottier – Carleton College
Michael J. Joyner, MD – Mayo Clinic

Justin Trueman – Mount Allison University
Suzanne Currie, PhD – Mount Allison University

Chayla Vazquez – Emory University
Malú G. Tansey, PhD – Emory University School of Medicine

Robert Wendroth – University of Kentucky
Julie S. Pendergast, PhD – University of Kentucky

Andi Zhang – University of Nebraska Medical Center
Irving H. Zucker, PhD – University of Nebraska Medical Center

Shao Yang Zhang – University of Iowa
Fellows are selected based on academic merit, the quality of the proposed experience and the availability of appropriate faculty mentors. Fellows must have fewer than nine months of research experience in a lab to be eligible. Special consideration is given to applicants whose socioeconomic background, access to educational opportunities and other life experiences suggest they would especially benefit from this type of program.

Each Fellow receives a $4,000 stipend during their 10-week research experience and an additional $1,300 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 $300 for student lab supplies.

UGSRF 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 UGSRF program is sponsored by the APS Career Opportunities in Physiology Committee and funded by the APS Council.
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 Allison Hood, APS program coordinator, undergraduate programs (301-634-7233), or visit the APS UGSRF 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.