APS Awards More Than $96,000 to Its 2013 Undergraduate Research Fellows

April 18, 2013 – BETHESDA, MD – The American Physiological Society (APS) is pleased to announce its 2013 Undergraduate Research Fellows. Fellowship winners spend the summer in the laboratory of an established scientist and APS member. Now in its 15th year, this program aims to excite and encourage students about careers in biomedical research. In 2013, 67 applicants vied for the 24 research positions.

Selection of participants was based upon academic merit, the perceived quality of the proposed experience and the availability of appropriate faculty mentors. Special consideration was given to applicants whose socioeconomic background, access to educational opportunities, and other life experiences suggest that they would especially benefit from this type of program.

Each fellow receives a $4,000 stipend to cover living expenses during the 10-week fellowship. Fellows also will receive an additional $1,300 in travel funds to present their research at the Experimental Biology 2014 meeting in San Diego, CA which is expected to attract nearly 14,000 scientists.

During the Program, each Fellow will participate in hands-on research experience in the lab of an established investigator learning to develop a hypothesis, design and troubleshoot experiments, collect and analyze data, write up and present results. They will have opportunities to network with other undergraduates interested in biomedical research, to explore the nature of research and how scientists think about their specific question, to explore career options and what it takes to be successful in those careers, and have their career questions answered by members of the Career Opportunities in Physiology Committee.

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2013 Undergraduate Research Fellows:

**Mun Y. Aw** – *University of Arizona, Tucson, AZ*
Research Host: Thomas L. Pannabecker, Ph.D. – *University of Arizona, Tucson, AZ*

**Andreanne Breton-Carbonneau** – *John Abbott College, Montreal, Canada*
Research Host: Matthias Nahrendorf, M.D. – *Massachusetts General Hospital/Harvard Medical School, Boston, MA*

**Matthew Calhoun** – *Arizona State University, Tempe, AZ*
Research Host: Karen L. Sweazea, Ph.D. – *Arizona State University, Tempe, AZ*

**Lucy Gao** – *Johns Hopkins University, Baltimore, MD*
Research Host: Mark Donowitz, M.D. – *Johns Hopkins University School of Medicine, Baltimore, MD*

**Haylee Hansvall** – *University of Saskatchewan, Saskatoon, Canada*
Research Host: Juan P. Ianowski, Ph.D. – *University of Saskatchewan, Saskatoon, Canada*

**Danny Herrera** – *Montgomery College, Silver Spring, MD*
Research Host: Andrew Wolfe, Ph.D. – *Johns Hopkins University School of Medicine, Baltimore, MD*

**Anthony Himes** – *University of New England, Biddeford, ME*
Research Host: Markus Frederick, Ph.D. – *University of New England, Biddeford, ME*

**Aravindakshan Jagadeesan** – *Loyola University, Chicago, IL*
Research Host: Sakthivel Sadayappan, Ph.D. – *Loyola University, Chicago, IL*

**Kyeong Ran Jang** – *University of Kentucky, Lexington, KY*
Research Host: John C. Gensel, Ph.D. – *University of Kentucky, Lexington, KY*

**Ellen Keenan** – *Boston College, Boston, MA*
Research Host: Barry H. Paw, M.D., Ph.D. – *Brigham and Women’s Hospital, Boston, MA*

**Michael Korn** – *Kalamazoo College, Kalamazoo, MI*
Research Host: Christopher L. Mendias, Ph.D. – *University of Michigan, Ann Arbor, MI*

**Debbie Lee** – *University of California, Merced, CA*
Research Host: Rudy M. Ortiz, Ph.D. – *University of California, Merced, CA*

**Jacob Mack** – *University of California Davis, CA*
Research Host: Barbara A. Horwitz, Ph.D. – *University of California, Davis, CA*

**Ayako Murao** – *California State University, San Marcos, CA*
Research Host: Deborah M. Kristan, Ph.D. – *California State University, San Marcos, CA*

**Katelynn Ondek** – *Susquehanna University, Selinsgrove, PA*
Research Host: Erin M. Keen-Rhinehart, Ph.D. – *Susquehanna University, Selinsgrove, PA*

**Thien-Khoi N. Phung** – *University of Memphis, Memphis, TN*
Research Host: Christopher M. Waters, Ph.D. – *University of Tennessee Health Science Center, Memphis, TN*

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Fellows, cont.

Rahul H. Rana – University of California, Irvine, CA  
Research Host: James W. Hicks, Ph.D. – University of California, Irvine, CA

Connor J. Ratycz – University of Dayton, Dayton, OH  
Research Host: Carissa M. Krane, Ph.D. – University of Dayton, Dayton, OH

Alice Rear – University of Oregon, Eugene, OR  
Research Host: Jeffrey S. Gilbert, Ph.D. – University of Oregon, Eugene, OR

Ayesha Ropri – Siena College, Loudonville, NY  
Research Host: Yong-Xiao Wang, M.D., Ph.D. – Albany Medical College, Albany, NY

Michael P. Skolka – Messiah College, Mechanicsburg, PA  
Research Host: R. Alberto Travagli, Ph.D. – Pennsylvania State University College of Medicine, Hershey, PA

Audra L. Stacy – University of Kentucky, Lexington, KY  
Research Host: Robin L. Cooper, Ph.D. – University of Kentucky, Lexington, KY

Ericka M. Tank – University of Iowa, Iowa City, IA  
Research Host: Gary L. Pierce, Ph.D. – University of Iowa, Iowa City, IA

Nichole E. Zayan – University of Miami, Coral Gables, FL  
Research Host: Linda C. Samuelson, Ph.D., University of Michigan, Ann Arbor, MI

The Undergraduate Summer Research Fellowships 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 their research hosts or to find out more about APS and its educational and award program initiatives, contact Melinda Lowy, APS Higher Education Programs Coordinator (301-634-7787; mlowy@the-aps.org) or log onto www.the-aps.org/education

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 10,000 professionals in science and medicine.

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