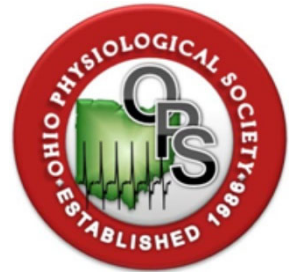


Report of the 33rd Annual Meeting of the Ohio Physiological Society Cincinnati | September 28–29, 2018



The University of Cincinnati hosted the 33rd annual meeting of the Ohio Physiological Society (OPS), September 28–29, 2018 on the UC medical campus. The OPS meeting is the foremost regional forum for research in physiology, systems biology, and pharmacology, and the translational research stemming from these disciplines. OPS provides an excellent opportunity for undergraduate students, graduate students, and other trainees to present their work at a vibrant regional meeting.

OPS2018 Keynote Speaker



Mark A Sussman, PhD | San Diego State University

Myocardial regeneration: Uncommon sense for common problems

The OPS2018 Keynote Speaker was Mark A Sussman, PhD, distinguished professor of biology at San Diego State University. His presentation “Myocardial regeneration: Uncommon sense for common problems” focused on the biological limitations to myocardial repair in the adult heart, and to the next-generation approaches to overcoming those limitations, ultimately translating into novel clinical treatments achieving desperately needed treatment of heart failure.

OPS2018 Program

Attending OPS2018 were over 190 registrants from 23 institutions around Ohio (including Kenyon College, the Ohio State University, UC, and Wright State University), Kentucky and Indiana.

OPS2018 received a record-breaking 109 abstract submissions, of which 9 were selected for oral presentation and 100 for poster presentation. Topics included cardiovascular physiology and disease, muscle physiology and disease, epithelial physiology and membrane transport, neuroscience, cancer biology, and comparative physiology.

The meeting began Friday afternoon with the keynote address, followed by a reception and dinner. Saturday's program featured selected oral presentations, poster sessions, and student data blitz. The program ended with a brief business meeting and awards ceremony. Andrew Voss, PhD, associate professor of biological sciences at Wright State University, Dayton, OH, was elected OPS President and will host the OPS annual meeting at Wright State in fall 2019.



OPS2018 Awards

Undergraduate and graduate students who submitted an abstract and presented their research at OPS2018 were eligible for one of two competitive awards. The Peter K Lauf Travel Award, named in honor of the founding president of OPS, provides trainees with an award certificate and \$750 to help defray the costs of attending and presenting at Experimental Biology 2019 (Orlando, FL, April 6–9, 2019). The OPS Research Excellence Award provided trainees an award certificate and cash prize of \$50.



Peter K Lauf Award

Chaya Fershtman | Undergraduate Student | Miami University

Loryn Holokai | Graduate Student | University of Cincinnati

Nazar Hussein | Graduate Student | Northeast Ohio Medical University

Thomas Kwiatkowski | Graduate Student | Ohio State University

Nora Lakes | Undergraduate Student | University of Cincinnati

Nihar Rama | Undergraduate Student | University of Cincinnati

OPS Research Excellence Award

Corbin Azucenas | Undergraduate Student | University of Cincinnati

Lisa Dorn | Graduate Student | Ohio State University

A Scott Emmert | Undergraduate Student | University of Cincinnati

Hikaru Hanyu | Graduate Student | University of Cincinnati

Vighnesh Ramesh | Undergraduate Student | University of Cincinnati

Sydney Stone | Undergraduate Student | University of Cincinnati

OPS2018 Local Organizing Committee

Laura Conforti, PhD

A Scott Emmert (Undergraduate Student Representative)

Bryan Mackenzie, PhD

T Alex Ruwe, BS (Graduate Student Representative)

Sakthivel Sadayappan, PhD MBA

Jo El Schultz, PhD

Roger T Worrell, PhD

Yana Zavros, PhD

OPS Officers | 2018

President Bryan Mackenzie, PhD (University of Cincinnati)

Treasurer Dan R Halm, PhD (Wright State University)

President Emeritus J Gary Meszaros, PhD (Northeast Ohio Medical University)

President Elect Andrew A Voss, PhD (Wright State University)

Founding President & Sage Peter K Lauf, MD (Wright State University)