

PHYSIO NEWS

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Department of Physiology

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and/or assistance.

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Inside this issue:

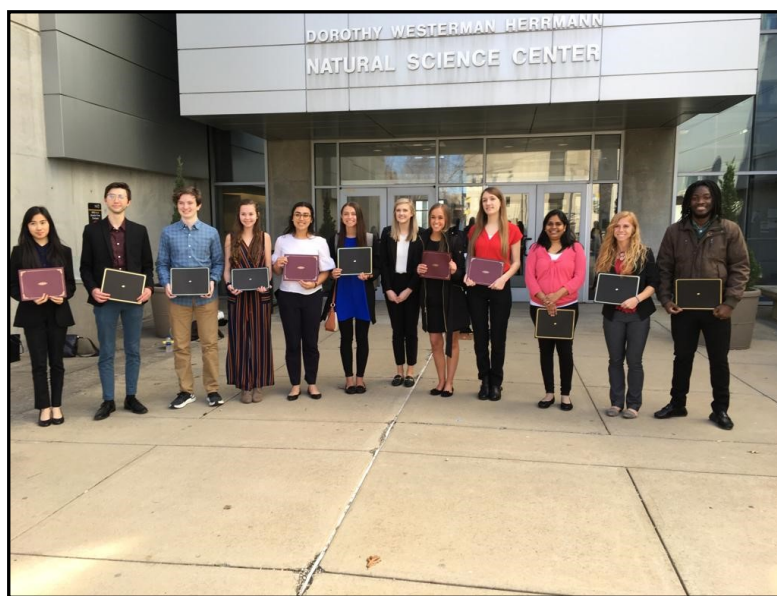
Kentucky APS	1
Dr. Miller Award	1
Chairman's Message	2
Grant Deadlines	2
Staff Spotlight	2
Upcoming Meetings	2

<http://louisville.edu/medschool/physiology>

7th Annual Kentucky APS Conference

The Kentucky Affiliate of the American Physiological Society Conference was held March 23, 2019 at Northern Kentucky University. Congratulations to our winners in the following categories:

Oral Presentation	2nd Place	Nayeem Moulana
Student Poster Presentation	1st Place	Rubens Petit Homme
	3rd Place	Gabrielle Rowe
Postdoc Poster Presentation	1st Place	Sashi Papu John



Frederick N. Miller, Ph.D. Award for Excellence in Surgeon Mentorship



Dr. Fred Miller has had a new award named in his honor. The University of Cincinnati, Department of Surgery in the College of Medicine recently announced the creation of the "Frederick N. Miller, Ph.D. Award for Excellence in Surgeon Mentorship". Dr. Michael Edwards, Professor and Chair of the department, created the award to "honor scientists with the most exceptional career of mentoring and developing leading academic surgeons." The award includes an engraved Kentucky Julip cup and \$10,000.

Dr. Miller is a Professor Emeritus in the Department of Physiology and former Director of the Center for Microcirculatory Research. Drs. Miller and Edwards collaborated in the research training of several fellows from the Department of Surgery while both were at the University of Louisville.



Message from the Chairman *Irving G. Joshua, Ph.D.*

The State of Biomedical Research Today

For generations, America has been the world leader in biomedical research innovation. Lately, though, it has been losing its preeminence in discovery to other countries. Declining levels of federal funding for biomedical research, along with inefficient allocation of funds by the National Institutes of Health, are jeopardizing innovation. The funding trajectory over the last 25 years has been downward. Adjusted for inflation, in terms of purchasing power, the NIH budget is down 19.2 percent from 2003.

Many believe that the decline in federal funding for biomedical research has caused two significant problems. First, fewer grant applications are funded, which reduces the rate of discovery. Second, we are losing a generation of brilliant minds who do not see a future in basic biomedical research. Although the NIH has recently increased support for young investigators, funding for this program is not robust. The decline in the number of grants to scientists under age 46 reflects the shrinking number of young people going into science.

What we need is predictable federal funding: a longer-term budget for the NIH, backed by Congress's enduring commitment to research. Since revitalizing our nation's commitment to research cannot be paid for by taxpayers alone, we also need a concerted effort by industry and philanthropists to grow both the basic and translational research enterprises.



Staff Spotlight

Carol Nall

Program Manager

My administrative career with the University of Louisville totals 27 years. I have been with the Physiology Department family since December 2001. I started in HR in 1982, then Student Affairs Career Placement in 1983 followed by Registrar's Office in 1989. I took a break from 1991 to 1996 to stay home with my three children, but returned to higher education at Bellarmine University until 2001 when I took a position at UofL in the Physiology Department.....and the rest, as they say, is history! I love being a part of the Physiology Department because of the people I work with: Dr. Joshua, Dr. Schuschke, Jennifer, Denise and with everyone with whom I come in contact! As for my family life, I have three adult children, and a five-year-

old granddaughter with fiery red hair, eyelashes and eyebrows, who is very sassy. My husband, Tony, is the light of my life! I am proud to say we will have been married 35 years this June 2019! As a child, I grew up in a very crowded household of 10 children, most of us 12-14 months apart. God Bless my mother! Since birth order has a lot to do with how we grow up in a huge family, my number is six, right in the middle. I am a product of middle child syndrome, whatever that is! No really, I am a very happy person and thankful to be here amongst all of you!

Research Grant Deadlines

R01 (Investigator-initiated basic and applied research) – June 5, 2019

R21 (Exploratory/Developmental) - June 16, 2019

AHA Pre-doctoral Fellowship- August 14, 2019

AHA Post-doctoral Fellowship - August 15, 2019

University of Louisville Basic Grant Program (\$25,000), Bridge Grant Program(\$40,000), Collaborative Matching Grant Program (\$50,000 with \$25,000 match). **Next submission date, August 1, 2019.**



Upcoming Science Meetings

April 6-9, 2019 Experimental Biology

April 16, 2019 Cardiovascular Research Symposium

Cardiovascular Research Symposium

The University of Louisville Cardiovascular Research Symposium will take place on **April 16th** in the Cardiovascular Innovation Institute at 302 E. Muhammad Ali Blvd., **9 a.m. to 1:00 p.m.**

Schedule of Events

9:00-10:15 a.m. CII Lobby

Trainee Poster competition

10:15-11:30 a.m. Conference Rooms 130/132

Trainee Symposium "Emerging Topics in Cardiovascular Sciences"

11:45 a.m. Conference Rooms 130/132

Featured speaker, **Dr. Frank West**, University of Georgia, presents, "Neuroprotective and Regenerative Stem Cell Therapy in a Pig Stroke Model"



**Welcome
Spring**



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