Congratulations to dental student, Michael Caltabiano, who received the 2018 James C. Moore Physiology Award.

Faculty News

Dr. Sham Kakar was featured on the radio show, UofL Today with Mark Hebert, where he discussed his search for a cure for ovarian cancer. Below is the link to listen to his interview: https://soundcloud.com/uofl/01-23-18-ult-munnich-mitenbuler-kakar

Congratulations to Dr. Eli Brainard who was promoted to Tenure Track faculty in January.

The 6th Annual Meeting of the Kentucky Chapter of the American Physiological Society

The 6th Annual Meeting of the Kentucky Chapter of the American Physiological Society will be hosted by the Department of Physiology at the University of Louisville, Shelby Campus, Louisville, KY on Saturday, April 7, 2018. Cost: $15 faculty - $10 students & postdocs. We are again asking you to submit abstracts to the meeting. To allow everyone an opportunity to present at the meeting we are allowing you to be first author on one abstract presentation. You can be a co-author on multiple submissions since many faculty will have multiple trainees presenting. We are encouraging submission by postdoctoral fellows, graduate students and undergraduates. A select number of submissions will be chosen for a trainee symposium that will be held during the meeting. In addition, awards will be presented for outstanding posters in each of the trainee categories.

Important Grant Submission Deadlines

The American Diabetes Association Grant Applications

Deadline April 16, 2018 by 5:00 PM Eastern Time
Innovative Clinical/Translational Science Awards - $200,000/year for up to 3 years
Innovative Basic Science Awards - $115,000/year for up to 3 years
Junior Faculty Development Awards - $138,000/year for up to 4 years
Postdoctoral Fellowship Awards - $47,484–$55,581/year for up to 3 years
Minority* Postdoctoral Fellowship Awards -$47,484–$55,581/year for up to 3 years
Website: professional.diabetes.org/grants

New England Patriots
Vs.
Philadelphia Eagles
Feb. 4th at 6:30 p.m. on NBC
Message from the Chairman

Irving G. Joshua, Ph.D.

A lot of things are happening in the world, the country, the state and the University. Some good, a lot bad. But let us as faculty, students and staff focus our attention on the Department of Physiology and the many accomplishments we have achieved and the goals we have set forth. Our research productivity is at the highest level we have seen in the last decade and research faculty continues to grow. Our educational achievements have been recognized by the University by us receiving the coveted 2017 Paul Weber Award for Departmental Excellence in Teaching. We are now focused on increasing our success in research by initiating an internal grant review program and establishing a Cardiovascular Research Group at the University of Louisville. We have expanded our MS program to 30 participants and have initiated the development of an online MS degree program in Physiology (possibly the first in the country) and we are in the early stages of developing an undergraduate degree program in Biomedical Sciences. A little modification of the UofL: It’s Happening HERE seems appropriate for our Department – The Department of Physiology: Great Things Are Happening HERE!

Special Dates & Events

Deadlines for Experimental Biology 2018
- February 23, 2018  Registration
- March 28, 2018  Discounted hotel rate

Upcoming Science Meetings
- April 7, 2018 Kentucky APS
- April 21-25, 2018 Experimental Biology

Deadline for FY2018 Six Month Effort Certification Reports
- February 16

Upcoming Physiology Seminars
- February 6: Mariusz Ratajczak, MD, Ph.D.
- February 20: G. Rafael Fernandez-Botran, Ph.D.
- February 27: Erica Wehrwein, Ph.D., Michigan State

Recipe of the Month: Strawberry Valentine Cookies

- 1 (15.25 ounce) box strawberry cake mix
- 1/2 cup vegetable oil
- 2 large eggs
- 1/2 cup white chocolate melting wafers, optional
- Heart sprinkles, optional

Preheat oven to 350°F. Line a baking sheet with a silicone mat or parchment paper and set aside. Combine the cake mix, oil and eggs in a large bowl. Stir together until combined. If you have the time, refrigerate the dough for 15-20 minutes (it will make it a little easier to work with, since it is sticky).

Using a medium scoop or spoon, scoop the dough onto the prepared baking mat. Bake for 9-11 minutes, or until the cookies are set. You don’t want them to brown. Allow to cool on the pan for a couple minutes and then transfer to a cooling rack. Once cooled, melt the chocolate and then dip half the cookie into the chocolate. Lay cookies onto a wax paper and add sprinkles if desired.

Student Spotlight

Nicholas Theilen
Ph.D. Candidate

I am originally a Texan, being born in San Antonio, but I have spent most of my life in Louisville. Growing up, I was heavily involved in athletics and in music as a cellist starting from a young age. My academic route to this point has been somewhat non-traditional as I completed my undergraduate work in Business at UofL, taking part in the undergraduate entrepreneurship program. During these years, I transitioned my competitive drive for athletics into exercise and powerlifting training which I continue to this day. This led me to pursue an Exercise Science MS at the Univ. of South Florida where I studied neuromuscular fatigue in human performance under Dr. Bill Campbell. After a short stint as a strength coach to athletes and trainer in corporate wellness, I joined the Physiology program here at UofL where I am now a PhD candidate in Dr. Suresh Tyagi’s lab currently finishing my dissertation in skeletal muscle atrophy and adaptations to exercise. More personally, I recently married my wife Katie in October 2017 and enjoy building furniture and tasting exceptional bourbon!

Peer Grant Review Program Initiated in the Department of Physiology

Starting this month, the Department will initiate an internal Peer Grant Review Program. This program will be for departmental investigators (faculty or postdoctoral trainees) conducting basic science, translational or educational research and submitting extramural or intramural grant applications. The review committee will be accepting research proposals for pre-submission peer review. Guidelines for submission will be distributed within the next 2 weeks. Dr. Dale Schuschke will chair this committee and he can be contacted for addition information at 852-7553.
EVPRI INTERNAL RESEARCH GRANT PROGRAM

(Submission Deadline: March 27, 2018)

Research - RI Grant: To assist faculty in the initiation of new research projects-Grants up to $3,000.
Research - RII Grant: To assist faculty in the initiation of new research projects (outcome requirement of the submission of an extramural grant application) -Grants up to $10,000.
Undergraduate Research Grants - URG Grants to faculty who wish to design opportunities that will involve undergraduate students in research. Grants up to $3000.
Website: http://louisville.edu/research/support/internal

SCHOOL OF MEDICINE GRANTS: http://louisville.edu/medicine/research/grants/som

Basic Grant Program - The purpose of the School of Medicine Basic Grant Program is to provide initial support to junior faculty to establish a research program or to established faculty who would like to pursue new areas of investigation. Funds are limited and priority will be given to junior faculty. Eligibility: Any full-time faculty member of the School of Medicine is eligible to apply. The maximum award is $25,000 and the period of support is one year. Submission Dates: August 1st, December 1st, and April 1st.

Bridge Grant Program - The purpose of the School of Medicine Bridge Grant Program is to provide interim support to investigators who are experiencing a temporary gap in funding. Eligibility: Applications will be entertained only from investigators who were principal investigators on national extramural grants (e.g., NIH, American Heart Association, NSF, VA) within the last two years, are now experiencing a temporary gap in funding and who have submitted an external grant application. Applicants will be considered without regard to academic rank. Amount and period of support: The maximum award is $40,000 and the period of support is one year. Submission Dates: August 1st, December 1st, and April 1st.

Collaborative Matching Grant Program - The purpose of the School of Medicine Collaborative Matching Grant Program is to provide initial support to faculty to initiate a collaborative research project between two or more investigators in a new area of investigation. Applicants will be considered without regard to academic rank. Applications must involve collaboration between the Principal Investigator and another UofL faculty member(s) and Co-Investigator(s). Due to funding restrictions, the proposed research must represent a new area for the investigators and utilize their complementary expertise. Matching support from a Center, Institute, Department or other UofL unit is mandatory. The maximum award from the SOM Research Committee is $50,000 for one year to be matched by at least $25,000 support from a Center, Institute, Department or other UofL unit. Submission dates: August 1st, December 1st, and April 1st.

JHFE Research Enhancement Grant - The Jewish Heritage Fund for Excellence Research Enhancement Grant offers funding to School of Medicine faculty principal investigators to gather new data to improve a previously submitted a multi-year, nationally peer reviewed grant application that scored well but was not funded. All full-time faculty members of the School of Medicine are eligible to apply provided they: 1) were principal investigators on national extramural grants within the last two years and 2) the submitted grant application to the NIH, NSF, or other national sponsor was highly ranked (in the 30th percentile or better) but missed the threshold for funding. The maximum grant award will be $50,000 for one year. Application deadlines are August 15th, December 15th, and April 15th for earliest funding dates of October 1st, February 1st, and June 1st respectively. Please submit the complete application in PDF to the School of Medicine Research Committee via hscro@louisville.edu.