Graduate bulletin

Latest news from the School of Graduate Studies in the Health Sciences

Word from the Dean

We are poised on the brink of a new academic year in the School of Graduate Studies in the Health Sciences. The Summer Undergraduate Research Experience concluded with annual symposium on August 1 - where over 80 students presented oral and/or poster presentations (see page 3). We will welcome faculty from Mississippi State University on Thursday (August 8) this week for the inaugural SGSHS Research Summit. In other news: we have a number of congratulations to give to current trainees and faculty (pages 2-3); a record number of new students will join the school for academic year 2019-2020 (see below); and we have restructured the Office of Postdoctoral Studies (page 4). Read on for more news from the SGSHS...

Welcome, new students!

131 students are beginning the next leg of their academic journey in the SGSHS this fall!

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Important Dates

- AUG 8: SGSHS Research Summit with MSU faculty
- AUG 12: Fall term begins
- AUG 23: Last day to add a class; last day to apply for December graduation
- AUG 29: Last day to withdraw with tuition refund
- SEP 2: Labor Day holiday; no classes
Successful Dissertation Defenses

Laura Blackmon
PhD Program, Microbiology & Immunology
“Insights Into Leukocyte Immune-type Receptor Functions in Viral and Bacterial Infections in Channel Catfish, Ictalurus punctatus”

Mohammad Hasan
PhD Program, Microbiology & Immunology
“Roles of heparan sulfate and dynamin in Cytomegalovirus (CMV) infection”

Kenji Maeda
PhD program, Experimental Therapeutics and Pharmacology
Awarded the 2019 UMMC ASB Leadership Awards -- Student Research Award

Dipanwita Mitra
PhD program, Microbiology and Immunology
Poster titled "3D-spheroid cell culture system provides a sensible in-vitro model for HCMV infection" was picked as one of the "future directions for herpesvirus research" in closing talk by the keynote speaker at the International Herpesvirus Workshop in Knoxville, TN

Kartikeya Jodha
PhD program, Biomedical Materials Science
Nominated for the 2019 UMMC ASB Leadership Awards -- Exemplar Award

Yvonne Zuchowski
PhD program, Cell and Molecular Biology
Awarded the the 2019 UMMC ASB Leadership Awards -- Determination Award

Katherine L. Rigdon
PhD Program, Nursing
"Relationships among Self-Care, Compassion Satisfaction, and Compassion Fatigue of Nurses in Community Hospitals in the Southeastern United States"

Xiao Zhang
PhD Program, Neuroscience
"Genetic Effects on Mu-Opioid Receptor Ligand Biased Signaling"
**FACULTY KUDOS**

**Dr. Yann Gibert**  
Cell & Molecular Biology  
Recieved the COBRE-Cardiorenal and Metabolic Diseases Research Center Pilot Grant, $40,000 for "Physiological and molecular metabolic consequences of fetal hyperglycemia"

**Dr. Jane F. Reckelhoff**  
Chair, Cell and Molecular Biology  
Recieved the 2019 UMMC ASB Leadership Awards -- Faculty Research Award.

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**NEW GRADUATE FACULTY**

**Dr. Barbara Gisabella**  
Neuroscience  
Dr. Gisabella's research is focused on improving understanding of mechanisms regulating learning and memory, and identify how these systems go awry in psychiatric disorders and aging.

**Dr. Matthias Krenn**  
Neuroscience  
Dr. Krenn's research interest is focused on electrical neuromodulation to establish external control of lower limb sensorimotor function in individuals with spinal cord injury. His current work investigates the spatiotemporal relationship of spinal motor control in humans which may open new avenues in neurological rehabilitation for paralysis and spasticity.

**Dr. Harry Pantazopoulos**  
Neuroscience  
Dr. Pantazopoulos' research is focused on identifying the neuropathological correlates of circadian rhythm and sleep dysfunction in major psychoses, using a combination of human postmortem and animal model approaches.

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**A S.U.R.E. SUCCESS!**

The Summer Undergraduate Research Experience welcomed 81 students this summer and concluded with oral and poster presentations at the August 1 symposium. Below are some statistics on this diverse set of students:

- **36** - SGSHS  
- **11** - NHLBI R25  
- **23** - UPSTART  
- **11** - INBRE

- **9 states**  
- **81 Summer Researchers**  
- **32 cities**  
- **27 different undergraduate majors**  
- **51% Females**  
- **49% Males**

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**Graduate Student Body**

Look for emails from the officers about the fall GSB meeting and other student events!

'19-'20 Officers:

- Elena Dent, President
- Laura Coats, Vice President
- Hannah Turbeville, Secretary/Treasurer
- Mary Darby Jackson, Philanthropy Coordinator

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**Mark your calendar...**

School of Graduate Studies  
**RESEARCH DAY**  
**2019**

**THURSDAY, OCTOBER 31**
Office of POSTDOCTORAL STUDIES

As part of the institutional commitment to excellence in education and research, the Office for Postdoctoral Studies strives to serve as the dedicated resource for postdoctoral fellows and applicants, faculty mentors and department administrators.

Joey P. Granger, PhD
Director, Office of Postdoctoral Studies

Michael Ryan, PhD
Postdoctoral Affairs

Sydney Murphy, PhD
Academic Affairs
RCR Seminar Series

Hanna Broome, PhD
Teaching in Higher Education courses

Jessica L. Bradshaw, PhD
(Physiology and Biophysics)

John Clemmer, PhD
(Physiology and Biophysics)

Evangeline Deer, PhD
(Experimental Therapeutics and Pharmacology)

Edgar D. Torres Fernandez, PhD
(Cell and Molecular Biology)

Sumana Ghosh, PhD
(Neurobiology and Anatomical Sciences)

Alan Mouton, PhD
(Physiology and Biophysics)

Erin R. Taylor, PhD
(Physiology and Biophysics)

ANNOUNCEMENTS

Responsible Conduct of Research
SEMINAR SERIES FOR POSTDOCS

Who needs to attend this series?
All NEW postdoctoral fellows (in first year at UMMC)
All individuals supported by individual funding opportunities and career development awards, or by any NIH grant, who have not yet taken the course.

The course is offered annually, each fall term.
Fall 2019 schedule Thursdays from 3:00-3:50pm, Sept 19 - Nov 7

Email Shanna Moulds (smoulds@umc.edu) to register for the series.
### Select articles from PubMed (6/1/19 - 07/31/19):

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<th>Author(s)</th>
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Recent Publications