

Med School Watercooler

NEWS FROM FREDERICK P. WHIDDON COLLEGE OF MEDICINE
AT THE UNIVERSITY OF SOUTH ALABAMA

Thursday, September 23, 2021

Meet a Med Student: Kiley Brady

Kiley Brady

Age: 23

Class of: 2024

Hometown: Pensacola, Fla.

Undergrad/grad institution: Auburn University

Degrees earned: Bachelor of Science in biomedical sciences

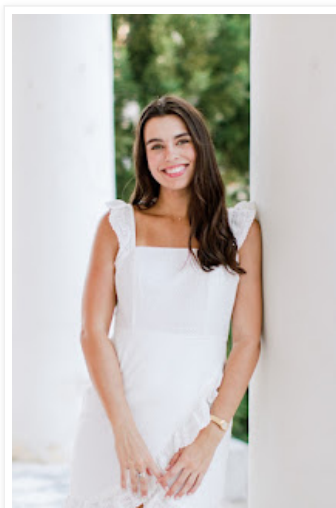
Interests, hobbies: Obsessing over a new TV show, cooking a new meal or baking something for a friend, and reading books or listening to audio books.

Something unique about me: I was born nearly two months premature.

Three of my favorite things: My dog Watson, boating/spending a day at the beach, getting dinner with friends.

What I enjoy most about being a student at the USA College of Medicine:

Definitely the people I've met here. The friends I have made make a really challenging time feel a bit easier. There's no way I'd be able to survive medical school without them.



Posted by Med School Watercooler at [10:13AM](#) No comments:

Mark your calendar for upcoming grand rounds

Orthopaedic Surgery Grand Rounds

"Fragility Fractures and Bone Metabolism"

David Michaeli, M.D., PGY3 orthopaedic surgery resident, USA Health
Friday, Sept. 24 at 7 a.m.

Zoom: <https://usahealthsystem.zoom.us/j/91854409584>

Contact: Rhonda Smith at (251) 665-8251 or
rhondasmith@health.southalabama.edu

Search This Blog

Got news to share?

Feel free to email your ideas to
lalyle@health.southalabama.edu

Blog Archive

- ▶ 2023 (11)
- ▶ 2022 (249)
- ▼ 2021 (269)
 - ▶ 12/12 - 12/19 (7)
 - ▶ 12/05 - 12/12 (6)
 - ▶ 11/28 - 12/05 (6)
 - ▶ 11/14 - 11/21 (4)
 - ▶ 11/07 - 11/14 (4)
 - ▶ 10/31 - 11/07 (10)
 - ▶ 10/24 - 10/31 (7)
 - ▶ 10/17 - 10/24 (5)
 - ▶ 10/10 - 10/17 (6)
 - ▶ 10/03 - 10/10 (8)
 - ▶ 09/26 - 10/03 (4)
 - ▼ 09/19 - 09/26 (4)
 - Meet a Med Student: Kiley Brady
 - Mark your calendar for upcoming grand rounds
 - OB-GYN and pediatrics interest groups host donatio...
 - Bander Faculty Development Award recipients work t...
 - ▶ 09/12 - 09/19 (6)
 - ▶ 09/05 - 09/12 (7)
 - ▶ 08/29 - 09/05 (3)
 - ▶ 08/22 - 08/29 (7)
 - ▶ 08/15 - 08/22 (6)
 - ▶ 08/08 - 08/15 (4)
 - ▶ 08/01 - 08/08 (8)
 - ▶ 07/25 - 08/01 (6)
 - ▶ 07/18 - 07/25 (4)
 - ▶ 07/11 - 07/18 (4)
 - ▶ 07/04 - 07/11 (5)
 - ▶ 06/27 - 07/04 (6)

Cardiology Grand Rounds

"Cryoballoon Ablation as Initial Atrial Fibrillation Therapy"

Maulikkumar Patel, M.D., PGY5 cardiology resident, USA Health

Friday, Sept. 24 at 11:30 a.m.

Zoom registration:

<https://usahealthsystem.zoom.us/meeting/register/tJApceGsrzMsHt2gFsBT02ShnccVZpx-dS3->

Contact: Donna Gregory at 332-3885 or dgregory@health.southalabama.edu

Neurology Grand Rounds

"Stroke Update"

Rebecca Sugg, M.D., associate professor of neurology, USA College of Medicine

Tuesday, Sept. 28 at 8 a.m.

Zoom registration: <https://usahealthsystem.zoom.us/j/91256822660>

Contact: Tommye Mangrum at (251) 660-5420 or

tmangrum@health.southalabama.edu

Mental Health Grand Rounds

"Basic Triage"

Mitch Artman, M.A., L.C.S.W.

Wednesday, Sept. 29 at 8 a.m.

Zoom registration: <https://southalabama.zoom.us/meeting/register/tJcsf-isqjMiHtyYx3UlyuC-50kwISE7ai2f>

Contact: Sharrie Cranford at 251-414-8080 or scanford@southalabama.edu

Surgery Grand Rounds

"Blunt Mesenteric Injury"

Nathan Polite, M.D., assistant professor of surgery – trauma, USA College of Medicine

Friday, Oct. 1 at 7 a.m.

Zoom: <https://southalabama.zoom.us/j/96457019824>

Contact: Tyronda Rogers at (251) 471-7992 or

tmrogers@health.southalabama.edu

Radiology Grand Rounds

"Thyroid Imaging: Part 2"

Shikha Gupta, M.D., professor of radiology, USA College of Medicine


Friday, Oct. 1 at noon

Zoom registration: <https://usahealthsystem.zoom.us/meeting/register/tJcod-qhqz8qGtGqRG-0VoXwaYNt6qpyxQWm>

Contact: Rosie Rogers at (251) 471-7920 or rogers@health.southalabama.edu

- ▶ 06/20 - 06/27 (7)
- ▶ 06/13 - 06/20 (4)
- ▶ 06/06 - 06/13 (6)
- ▶ 05/30 - 06/06 (5)
- ▶ 05/23 - 05/30 (6)
- ▶ 05/16 - 05/23 (4)
- ▶ 05/09 - 05/16 (3)
- ▶ 05/02 - 05/09 (7)
- ▶ 04/25 - 05/02 (5)
- ▶ 04/18 - 04/25 (3)
- ▶ 04/11 - 04/18 (7)
- ▶ 04/04 - 04/11 (5)
- ▶ 03/28 - 04/04 (5)
- ▶ 03/21 - 03/28 (6)
- ▶ 03/14 - 03/21 (4)
- ▶ 03/07 - 03/14 (7)
- ▶ 02/28 - 03/07 (6)
- ▶ 02/21 - 02/28 (6)
- ▶ 02/14 - 02/21 (5)
- ▶ 02/07 - 02/14 (5)
- ▶ 01/31 - 02/07 (4)
- ▶ 01/24 - 01/31 (5)
- ▶ 01/17 - 01/24 (6)
- ▶ 01/10 - 01/17 (6)
- ▶ 01/03 - 01/10 (5)

- ▶ 2020 (191)
- ▶ 2019 (245)
- ▶ 2018 (236)
- ▶ 2017 (231)
- ▶ 2016 (206)
- ▶ 2015 (205)
- ▶ 2014 (241)
- ▶ 2013 (232)
- ▶ 2012 (245)
- ▶ 2011 (262)
- ▶ 2010 (247)
- ▶ 2009 (88)

Posted by Med School Watercooler at [9:37AM](#) No comments: 

Tuesday, September 21, 2021

OB-GYN and pediatrics interest groups host donation drive after Hurricane Ida



The OB-GYN and pediatrics interest groups at the USA College of Medicine are hosting a donation drive to help children and women affected by Hurricane Ida in New Orleans.

The groups are partnering with Hagar’s House, a place where children and women can take refuge and have food, housing and emergency needs met. Items needed


range from feminine products to toys.

You can donate via their Amazon wish list. Once you’ve selected an item, click on Hagar’s House for delivery. The full address will not be shown for privacy reasons. The drive ends Friday, Sept. 24.

"We thought this would be a meaningful and impactful way to lend a hand to our neighboring communities," said Rennan Zaharias, OB-GYN Interest Group community service chair. "We wanted to expand the College of Medicine's reach by partnering with the Pediatrics Interest Group to meet the needs of children. Living in Mobile, we understand the devastating effects of hurricanes, and we are humbled to help those affected in any way."

For more information, contact Rennan Zaharias at rsz1921@jagmail.southalabama.edu.

On Aug. 29, Hurricane Ida ravaged parts of Louisiana leaving behind billions in damage and became one of the most powerful hurricanes to hit the United States.

Posted by Med School Watercooler at [3:42 PM](#) No comments: 

Monday, September 20, 2021

Bander Faculty Development Award recipients work to advance pulmonary research

The USA Center for Lung Biology at the University of South Alabama College of Medicine recently announced the recipients of the 2021 Murray Bander Faculty Development Awards. The \$5,000 awards, which provide support for one year, are intended to foster innovative discoveries in pulmonary research.

Jonathon Audia, Ph.D., professor of microbiology and immunology, and Amanda Tuckey, a basic medical sciences graduate student, are focused on describing the role amyloid-beta plays in the host's innate immune defense.

While amyloid-beta is best known for its harmful plaque-forming property in dementias such as Alzheimer's disease, this aggregation property also is implicated to have antibiotic-like properties, Tuckey said.

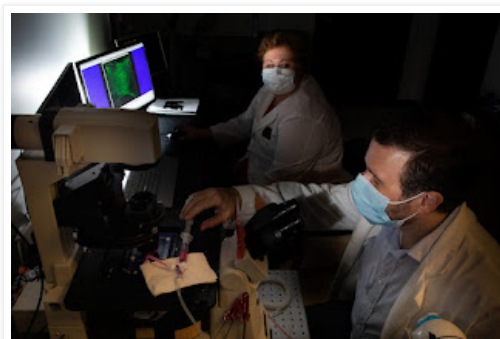


Jonathon Audia, Ph.D., and Amanda Tuckey

"With this award, we will utilize an innovative technique, single-cell RNA sequencing, to determine how gene expression profiles of individual lung cells differ between wild-type and amyloid precursor protein knockout (APP KO) mice in response to infection," Tuckey said. "Our overall goal is to identify specific proteins and cell types regulated by amyloid-beta towards developing novel therapies to combat critical illnesses such as pneumonia and sepsis."

Audia and Tuckey are collaborating with Robert Barrington, Ph.D., associate professor of microbiology and immunology, who directs the Flow Cytometry Core Laboratory at the USA College of Medicine. The shared-resource lab runs the 10x Genomics platform they will use for their project.

Michael Francis, Ph.D., assistant professor of physiology and cell biology, and **Lyudmila Racheck, Ph.D.**, assistant professor of pharmacology, aim to understand the mechanisms of vascular complications associated with diabetes. They particularly are interested in pulmonary circulation, where vascular dysfunction is known to contribute to morbidity but is clinically underappreciated.



Michael Francis, Ph.D., and Lyudmila Racheck, Ph.D.

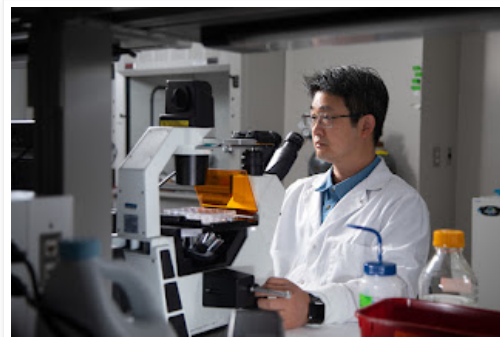
"With new experimental and analytics technologies developed in our lab and at the College of Medicine, we are finally able to answer fundamental questions about diabetic vascular abnormalities and hopefully resolve disparities in the scientific literature on the topic," Francis said.

Francis said the award provides crucial seed funding for the project, which they will use to perform pilot studies toward their research goals. "We plan to leverage the results of these studies as preliminary data for collaborative extramural funding in the form of a National Institutes of Health R01 proposal," he said.

Jin Kim, D.V.M., Ph.D.,

assistant professor of microbiology and immunology, seeks to extend the effective antiviral treatment window for influenza A infection, which is currently limited to 24 to 48 hours of symptom onset.

"Although rapid diagnostic tests for flu patients are widely available from healthcare providers, antiviral treatment within the effective window is often missed due to procrastinating clinic visits and diagnostic sensitivity," Kim said.




Jin Kim, D.V.M., Ph.D.

Using bioluminescent influenza virus in mice, Kim will determine which treatment regimens extend the treatment window.

"Unlike typical terminal animal studies where many animals are required to provide the information for viral replication and clearance, our in vivo imaging technique will enable us to design a dynamic range of combination therapy, where dose, combinations and treatment intervals can be varied longitudinally," Kim said.

The USA Center for Lung Biology comprises more than 40 faculty members and 25 postdoctoral fellows, clinical fellows, and graduate students representing both basic and clinical science departments, all interested in aspects of lung biology.

Murray Bander, a World War II veteran who moved from New York to Mobile to operate a clothing shop, died from complications of pneumonia in 2001. He left his estate to the USA College of Medicine in 2003, and the Murray Bander Endowment for the Center for Lung Biology was established to support scholarly activities in lung biology.

Posted by Med School Watercooler at [3:08 PM](#) No comments: 

[Newer Posts](#)

[Home](#)

[Older Posts](#)

Subscribe to: [Posts \(Atom\)](#)

StatCounter

Simple theme. Powered by [Blogger](#).