

Biochemistry Student Association Newsletter

Upcoming Events

BSA will be hosting trivia on the last Friday of the month, the next one will be held on August 28th. Don't forget to sign up!

Coffee & Conversation with Dr. James Dewar will be on August 13th. Remember to sign up - two participants will win door prizes!

Congratulations!

Congratulations to Sarah Glass for receiving the Dean's Award. and to Katherine Amidon for receiving the Vanderbilt Prize Student Scholar Award!

Dr. Breann Brown was awarded the Early Stage Investigator Research Grant Prize by the United Mitochondrial Disease Foundation. Congratulations!

Congratulations to Mac Castro for receiving a fellowship from the NIH NIA, and to Alexandria Oviatt for receiving a fellowship from the NIH NIAID!

Fall Rotation News

The University is adjusting the start of Rotation 1 with an initial week of online activities starting August 24, followed by physical entry into the labs on August 31.

Rotation 2 will start October 8 and in-person laboratory research will end on November 20, with a final week of virtual rotation from November 20 - December 4.

Student of the Month

Congratulations to Tyler Hansen for being Biochemistry's Student of the Month!

What year are you in?

A rising fourth year.

Whose lab do you work in?

I work in Dr. Emily Hodges Lab. I study transcriptional enhancers and their role in determining species-specific gene expression programs.

What do you like best about the Biochemistry department?

Other than knowing how to have a good time, the biochemistry department is full of brilliant and accomplished scientists. I enjoy getting to hear what they have done and are currently doing to move their respective fields forward. Its both inspiring and humbling to be part of such an impressive group of people.

What piece of advice would you give to other students?

While it's easy to ignore at a personal level, I think that maintaining strong mental health and having the right mindset are really important for success in grad school. They're key factors in developing resilience and for maintaining focus on the objective.

What is your favorite place to go in Nashville?

Retrograde coffee—hands down. My wife and I have gone to almost every coffee shop in Nashville and I can say that Retrograde is our favorite spot. They make some of the best pour-overs I've ever had and their food is good too.



Nominate a Biochemistry student that's doing cool science!

Email nicole.d.kendrick@vanderbilt.edu

COVID-19 and Reopening News

As of May 18th labs are officially open! Vanderbilt University is still in Phase 2. For more information, check out <https://www.vanderbilt.edu/coronavirus/campus-return/>

Recent Student Publications

Hutchison, J.,M., Shih, K.C., Scheidt, H.A., Fantin, S.M., Parson, K.F., Pantelopulos, G.A., Harrington, H.R., Mittendorf, K.F., Qian, S., Stein, R.A., Collier, S.E., Chambers M.G., Katsaras, J., Voehler, M.W., Ruotolo, B.T., Huster, D., McFeeters, R.L., Straub, J.E., Nieh, M.P, Sanders, C.R., Bicelles rich in both sphingolipids and cholesterol and their use in studies of membrane proteins. *J. Am. Chem. Soc.*

Marinko, J.T., Carter, B.D., Sanders, C.R. Direct relationship between increased expression and mistrafficking of the Charcot-Marie-Tooth-Associated protein PMP22. *J. Biol. Chem.*

Anderson, D.M.G., Messinger, J.D., Patterson, N.H., **Rivera, E.S.**, Kotnala, A., Spraggins, J.M., Caprioli, R.M., Curcio, C.A., Schey, K.L. Lipid landscape of the human retina and supporting tissues revealed by high-resolution imaging mass spectrometry. *J. Am. Soc. Mass Spectrom.*