Johns Hopkins has moved to Phase 3 of reopening efforts, resuming medium-risk activities but still relying on distancing and mask-wearing in addition to providing online alternatives to in-person activities.

Universal masking was reinstated July 30 due to a rise in cases associated with the delta variant; all personnel must wear masks in JHM facilities and outdoors within six feet of others, regardless of vaccination status, unless alone in an office with the door closed.

Meetings and gatherings should be virtual whenever possible. Indoor events were revived in August to not exceed 25 people and outdoor events should not exceed 50 people. Food and drink should be individually wrapped in a “grab-and-go” fashion.

Depending on the state of COVID-19 cases in Maryland, Hopkins may review these guidelines later in the fall semester or in the spring, which will allow our planners to reschedule the Physiology retreat!

If you experience COVID-19 symptoms, call the Johns Hopkins COVID-19 Call Center at 443-287-8500 for evaluation and guidance.

Congratulations to three new recent graduates from the Physiology department who defended their thesis this summer:

- Dr. Anna Moyer from the Reeves lab and Human Genetics program
- Dr. Cat McCann of the Lutsenko lab and CMP program
- Dr. James Osei-Owusu of the Qiu lab also from the CMP program who defended his thesis yesterday!

How great it is to listen to the leading scientists in biology without traveling to conferences and attending seminars? iBiology (www.ibiology.org), started from a lab at UCSF, is such a wonderful solution. The site Holds a growing collection of free videos by scientists about research and topics related to science. There are research talks on nearly every topic in modern biology and a course on cell and animal genetics.

In ‘Famous Discoveries’ and ‘Interviews’, you can find out the stories behind many major breakthroughs, and can get a sense of the personalities, opinions, and perspectives of these scientists. iBiology is also innovating professional development of graduate students and postdocs through a series of courses that address experimental planning, design, and communication. "Designing Effective Scientific Presentations" by Dr. Susan McConnell at Stanford University gives very helpful advice on preparing and presenting your work. There is also an effective scientific talk. It is a must-see video for everyone who wants to improve their next talk.

Click here to watch the "Designing Effective Scientific Presentations" course Dr. Qiu recommends!
Welcome!

Incoming CMP Students
Please give a warm welcome to first-year Cellular and Molecular Physiology students Katie Sullivan, Manuella Andrade, and Luoluo Chen, who will be joining us in this fall semester to begin their graduate student journeys in Physiology.

Contact Us

Newsletter Team
Kelly Summers
Erica Avery
Monish Makena
Professor Rajini Rao

Physiology Department
Physiology Twitter @JHMIPhysiology
Physiology Slack Channel
Physiology Website

Awards and Accomplishments

Nathan Zaidman, postdoc in the Pluznick Lab, was awarded a Pathway to Independence Award (K99/R00) from the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK).

Publications

Recent graduate of the Reeves lab, Anna Moyer of the Human Genetics program, had a personal essay published in Science Working Life last month entitled “Why I stopped hiding my chronic illness from my colleagues.”

Anna Moyer was also featured in a July HUB article, “Recipe for Independence” about the “Accessible Chef” blog she keeps which is home to over 300 recipes accessible to those with intellectual disabilities. Today the site receives over 75,000 visits monthly. Wow!

Manuscripts

A new paper from the Anderson lab, CaMKII oxidation is a critical performance/disease trade-off acquired at the dawn of vertebrate evolution, was recently published in Nature Communications. Based on their investigations of CaMKII, they report that increased sensitivity to reactive oxygen species in diseases and aging is likely a trade-off for beneficial traits that fueled the early evolutionary success of vertebrates.

The newsletter needs YOU!

Interested in submitting a clip to the newsletter? Have a knack for writing? Got an idea you want to share? Any news you think we should highlight? Looking to beef up your CV? Or just have an announcement you want included? We’re looking for your contributions to the newsletter! Contact the newsletter team so you can be featured.