

MSB NEWS

Monthly Newsletter



Department of
MSB Molecular and Systems Biology
Geisel School of Medicine at Dartmouth

Let's stay connected...

There is a lot to be proud of this month, starting with the MSB Annual Research Symposium on Monday, May 6th, when we'll hear about the latest research in department labs from the folks who are doing it. Also, a big congratulations to MSB's Operations Director, Cheryl Bush, recipient of Dartmouth's 2023 Sheila Culbert Distinguished Employee Award, who will be honored at the Lone Pine Excellence Award Ceremony on May 23rd. Cheryl has finessed the department through fiscal, fractious, and fiery challenges, all because she is ferociously fabulous!



GEISEL CALENDAR



SUBMIT CONTENT



MSB CALENDAR



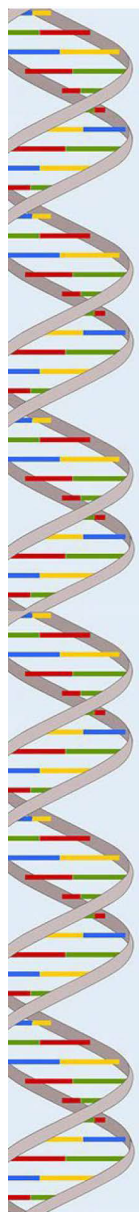
KUDOS

Congratulations to Bess Jones, of the Kasper lab on receiving an honorable mention for her [NSF GRFP](#) application.

Congratulations to graduate student Adrienne Mehalow, of the Dunlap lab, who determined and reported that Dartmouth had received counterfeit COVID tests, which precipitated a larger investigation by federal authorities.

MSB helped support the 2023 Upper Valley Brain Bee organized by Dartmouth graduate students Elizabeth Bien (IND) and Erica Townsend (PBS) who coordinated the 2023 program. [The 2024 USA National Brain Bee Championship](#) was held April 19-21 at the University of Central Florida. Out of 54 local Brain Bee chapter winners from 32 states, Harini Venkatesh, a 10th grader representing the Upper Valley Brain Bee emerged as the 2024 USA National Brain Bee champion. Harini will represent the United States at the 2024 International Brain Bee competition this summer. We congratulate Elizabeth and Erica for their outreach efforts and on identifying an outstanding student.

MSB RESEARCH SYMPOSIUM



Department of
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MSB Research Symposium

Monday, May 6, 2024

Kellogg 200

Welcome: Dr. Marnie Halpern

9:00 a.m. Keynote: Dr. Shannon Fisher

Let's put our heads together: using zebrafish to understand human
craniosynostosis

10:00 a.m. Coffee Break

10:30 a.m. Somer Matar (Leach lab)

Single-Cell Profiling of Neoplastic Cell Populations in a KRAS-Initiated
Zebrafish Pancreatic Cancer Model

11:00 a.m. Ziyang Wang (Dunlap lab)

Sub-cellular dynamics of core circadian clock components in *Neurospora*

11:30 a.m. Kathleen Paul (Havrda lab)

Characterization of monocytes in Parkinson's disease

12 noon Rezvan Parvizi (Whitfield lab)

Dermal Fibroblast Expression of RUNX1 Increases with Systemic Sclerosis
Disease Severity

12:30 p.m. LUNCH

1:30 p.m. Dr. Paola Montenegro (Yeh lab)

Effects of prenatal alcohol exposure on the development of AD/ADRD in WT and
3XTG-AD mice

2:00 p.m. Katherine Bradley (MD Candidate), **2023 Tenney Fellow**

Development of LAMP-CRISPR Assay for Identification of Dermatophytes in

IND SEMINAR

IND Seminar

Dr. Jason Plemel

“A Diverse Microglial Response
Facilitates Remyelination”

DR. JASON PLEMEL

**Canada Research Chair in Glial
Neuroimmunology
Assistant Professor, Department
of Medicine, Division of
Neurology**



**Join us at:
Kellogg 200
May 2nd, 2:00pm
Host: Genaro Olveda**



How the Brain Forms Habits

Dr. Kate Wassum, Ph.D

IND 600

DHMC Auditorium G

May 8th

9:00-10:00am



Dr. Kate Wassum, Ph.D

Assistant Professor of Cell Biology,
Developmental Biology,
Genetics/Genomics, and
Neuroscience
University of California, Los Angeles



Integrative
Neuroscience
at Dartmouth

DISCOVERY SCIENCE SEMINARS

Discovery Science Seminar

“Somatic homolog pairing: A 300 million year old mystery, a 100 year-old observation, and super-resolution

Ting Wu, PhD

Professor of Genetics
Harvard Medical School

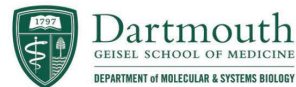


Monday, May 20, 2024

Noon-1:00PM
Kellogg, 200

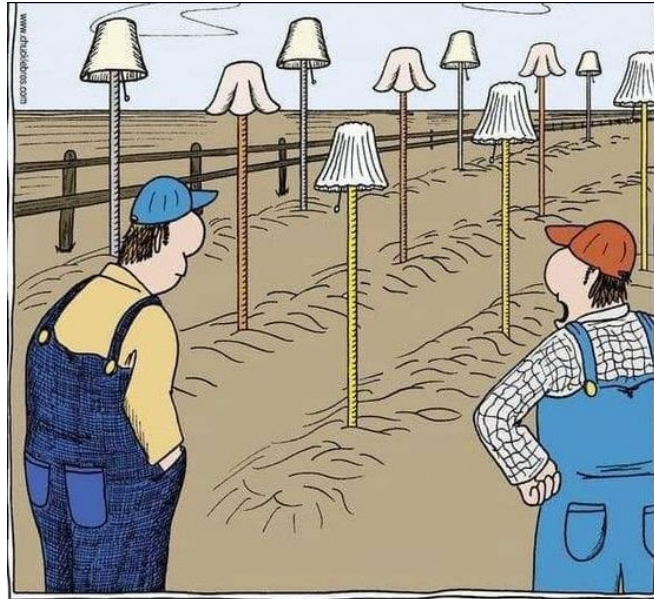
Host: Gio Bosco, PhD

For more information contact:
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When a purchase order has been placed for lab supplies or equipment, it is important to communicate the status of your order with your designated Research Administrator. For instance, if your full order is delivered, shoot your RA a note and let them know that all pieces are accounted for and that the invoice can be paid. On the flip side, if you are missing items, damaged or incorrect items are received, or you are waiting for installation of the equipment being invoiced for, let us know that, as well, so we do not pay an invoice that has not been fulfilled.



“What kind of bulbs did you say you planted?”

UPCOMING EVENTS

WELLNESS AT DARTMOUTH - MINDFUL MAY

As a part of Mental Health Action Month, you are invited to take action to engage mindfully with the world around you. Whether by building community through attending in-person practices, learning new tips through the educational webinars, deepening your understanding of social change topics through the Friday learning/practice series, or joining us for a mindful campus walk, we hope this month provides a variety of opportunities to explore how mindfulness can support feelings of connection, belonging, and wellbeing.

[Learn more and view the upcoming schedule of events here!](#)

CEREMONIES

Medical Student Class Day ceremony will be on Saturday, May 11th at the Lebanon Opera House, Lebanon, NH starting at 9:00am.

MPH/MS Student Class Day ceremony of Friday, June 7th under a tent on the lawn outside of Remsen and the Life Science Center starting at 2:00pm.

College Commencement will be on Sunday, June 9th on the Green.

eduroam UPDATE

Dartmouth is upgrading the [eduroam](#) network on July 1, which will impact all devices that connect to eduroam on campus.

PROUTY 2024

Registration for the 2024 Prouty and Prouty Ultimate is now open! We have loads of exciting updates to share with you for 2024, including: a newly refreshed website, a very exciting new MOUNTAIN BIKE route, and the wooded walk is back!

Prouty with us in 2024:

- Bike, Walk, Row on July 13th
- Ultimate on July 12th-13th
- Golf on June 15th
- Community Walk: St. Johnsbury on June 15th

[Register today](#) and get a jump start on fundraising for critical research and patient and family support services at Dartmouth Cancer Center. We hope you'll go all in to end cancer with us again and join us for the 43rd Annual Prouty.

PET(S) OF THE MONTH

Well these mating frogs are not exactly pets but they certainly provided an entertaining viewing experience (i.e., “frorgy”) on a rainy April 12th afternoon in an Enfield pond. Watch the video with your sound on!
(Submitted by Marnie Halpern)



How much room should you give fungi to grow?



As mushroom as possible.

WHAT TO DO IF YOU TESTED POSITIVE FOR COVID-19

If you test positive for COVID-19, follow CDC guidance, including isolating for at least five days and wearing a mask for at least 10 days. Wear a mask for longer if you continue to test positive or have new or worsening symptoms.

Notify your close contacts. Keep your health-care provider updated. Students, contact the Dartmouth College Health Service at dicks.house.nurse@dartmouth.edu or 603-646-9440. People without an established health-care provider, read dartgo.org/health-guidance



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