January 4, 2023 Vol. 3 Issue 16

MSB NEWS

Monthly Newsletter

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

Let's stay connected...

Welcome back to 2023 – a new year filled with good health, hope and promise.

Please check out the exciting line-up of MSB thesis talks and seminars below. Also note that there is expanded nightly transportation services for trainees (hopefully, we'll get weekend buses soon as well!).

We congratulate the new crop of Ryan Scholars and remind you of the Tenney award if you know of medical students who would like to do a year of research.

Finally, we have to say some goodbyes to MSB colleagues who are moving on to new career opportunities. Although we are sad to see them go, we wish Tina and Yoli much success in their new positions and look forward to their future accomplishments.

Happy New Year MSB members!

Remember that this is YOUR newsletter and we welcome all submissions!

Lawren S. Harris "Baffin Island Mountains"

GEISEL CALENDAR **SUBMIT CONTENT** **MSB CALENDAR**

UPCOMING MSB SEMINARS

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

Ph.D. THESIS DEFENSE SEMINAR

Gadisti Aisha Mohamed

Ph.D. Graduate Student

Department of Molecular and Systems Biology

"Understanding the implications of lineage plasticity in breast cancer evolution and chemotherapy response"

Wednesday

January 25, 2023

9:00 A.M.

Borwell 658W

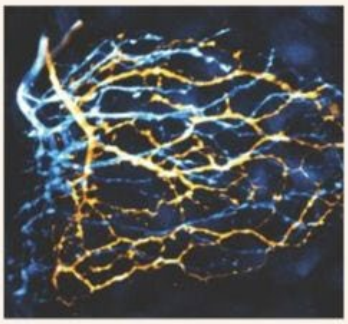
Advisor: Diwakar Pattabiraman, Ph.D.

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

PRESENTS

Identifying the molecular code of target-selective axon regeneration

Monday
NOON
January 9, 2023

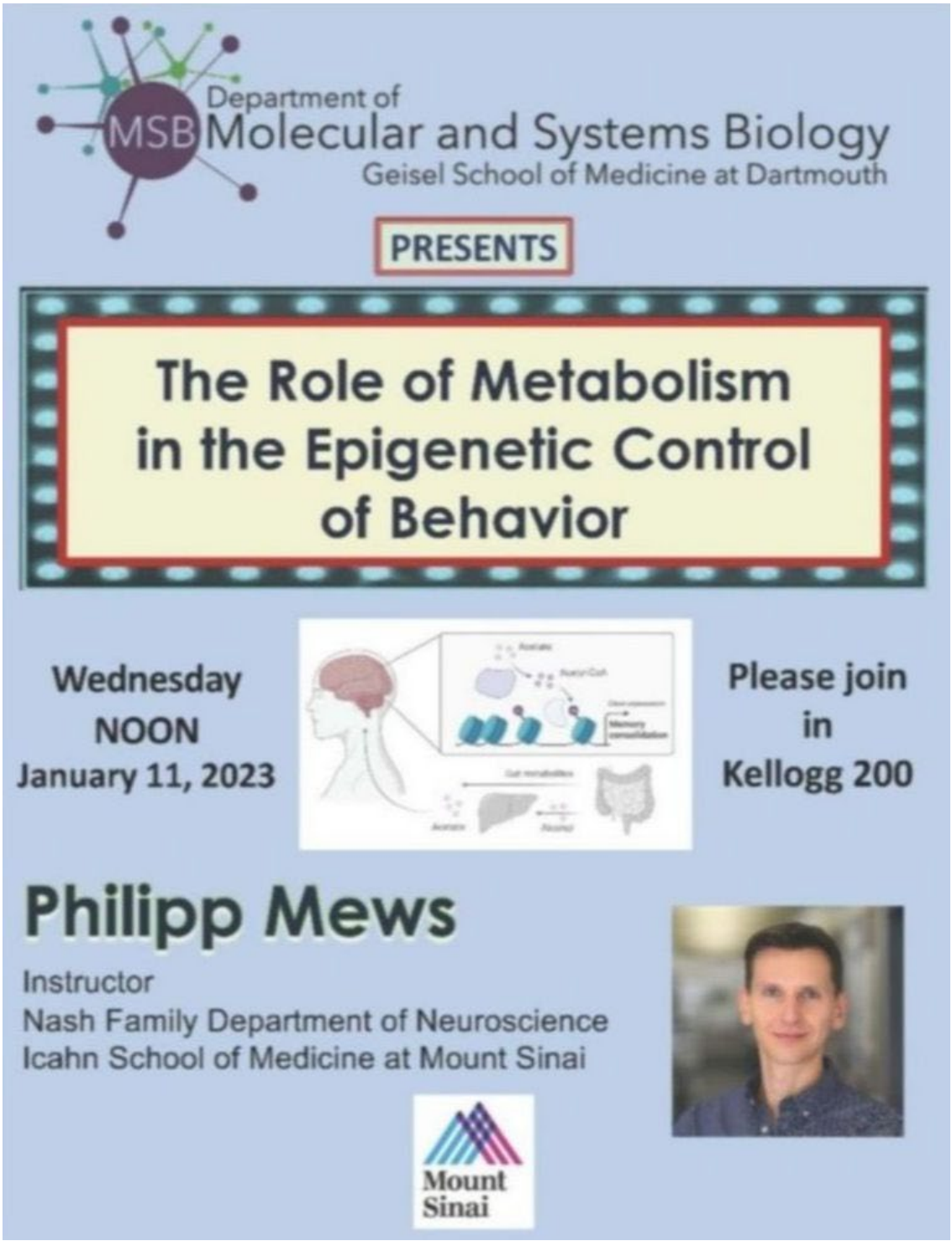


Please join in
KELLOGG 200

Lauren Walker

Postdoctoral fellow
Perelman School of Medicine
University of Pennsylvania

Perelman SCHOOL OF MEDICINE
UNIVERSITY of PENNSYLVANIA



MLK CELEBRATION EMPLOYEE BREAKFAST

The Office of Human Resources invites all staff and faculty to attend the Martin

Luther King Jr. Day Employee Celebration Breakfast on Monday, January 16 from 8:30am - 10am in the North Dining Hall of The Class of '53 Commons. This year's event features a panel of staff and faculty speaking on the theme of "Building a Compassionate Community".

Space is limited - online registration is required:

https://dartgo.org/2023mlkbreakfast

Best Wishes Yoli

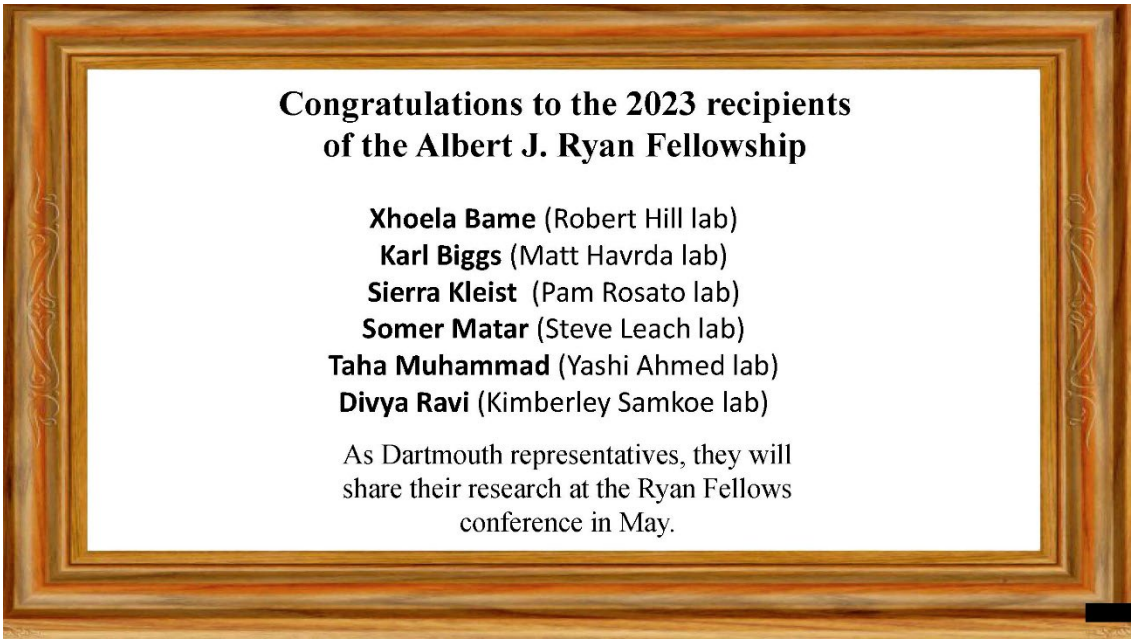
Dartmouth scientist and leader Yolanda Sanchez, PhD, a pioneer in cancer research, has been named Director and CEO of The University of New Mexico Comprehensive Cancer Center.

Sanchez, a professor of Molecular and Systems Biology and associate director of Basic Sciences at Dartmouth Cancer Center, will start in her new role on Feb. 6, 2023. She was born in El Paso, but grew up in Ciudad Juárez, Mexico, and will become the first Hispanic woman to lead a National Cancer Institute-designated comprehensive cancer center.

KUDOS

Tina Kelliher, postdoc with Jay Dunlap and Jennifer Loros, will start as an Assistant Professor at the University of Massachusetts Boston (UMB) in the Biology Department in January 2023. The Kelliher lab will study the relationship between circadian clocks and the nutrient environment using Neurospora crassa as a model system. Tina will also teach bioinformatics and computational biology at the undergraduate and graduate levels. Please connect your best and brightest trainees interested in clocks research and looking to move to the Boston area: christina.kelliher@umb.edu!

Congratulations to the Wang lab on their recent publication.
"Cooperation of chromatin remodeling SWI/SNF complex and pioneer factor AP-1 shapes 3D enhancer landscapes."



Congratulations to Erika Brown, Geisel dean of faculty affairs, and Marnie Halpern, chair of the Department of Molecular and Systems Biology, for being selected for the inaugural class of [Ivy+ Faculty Advancement Network Leadership Fellows] alongside three other Dartmouth faculty.

On Dec. 15, 2022, our incredible MSB admin team was celebrated for 15 (Stephanie), 30 (Cheryl), and 20 (Amy), years of service to Dartmouth. Clearly, excitement was had on this special occasion!

Medical Student Fellowship

Stephen Marsh Tenney, M.D., Medical Student Fellowship

The Department of Molecular and Systems Biology at the Geisel School of Medicine is pleased to call your attention to the Stephen Marsh Tenney, M.D., Medical Student Fellowship, an annual award given to a candidate for the M.D. degree at Geisel, enabling the student to undertake one year of full-time research under the guidance of a faculty mentor. Preference will be given to students working with a faculty member of the Department of Molecular and Systems Biology, but the Fellowship may be awarded for research performed in any academic department of Geisel.

The Fellowship consists of a $30,000 grant, with $27,000 paid as a stipend to the student and $3,000 for supplies or other miscellaneous expenses. Any student who wishes to apply for the 2023 – 2024 academic year (April 2023-March 2024) should submit a current CV and a two-page summary of the research plan to Cheryl Bush (Cheryl.A.Bush@Dartmouth.edu) in the Department of Molecular and Systems Biology by February 1, 2023. A letter from the mentor should accompany the application and should document their willingness to serve in that role, as well as sufficient space and research funding to support the project.

SAVE THE DATE

MSB Research Symposium - May 1, 2023

MSB Fall Retreat - September 26-27, 2023

TRANSPORTATION NEWS

As Dartmouth reviews public transportation needs and options, the graduate and professional schools are working on temporary solutions to assist students and post-docs who are living in Lebanon/West Lebanon and stay on campus later in the evenings. Building on a Thayer pilot-program that started this fall, Geisel is partnering with Thayer and Guarini to offer an evening shuttle, using a 14-passenger van driven by Door-to-Door van service.

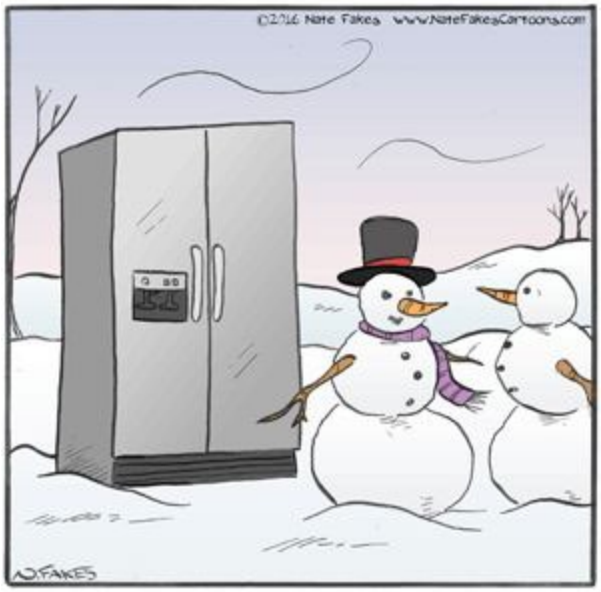
Starting on January 4, 2023, the shuttle will make three trips each weekday evening, leaving at 7:00 pm, 8:00 pm and 9:00 pm starting from the West End Circle. If there are too many for the 9:00 pm shuttle who need a ride home, the driver will return to campus one last time. If this happens frequently, we will develop a pass system, where passholders will have first priority. The shuttle will not run on Saturdays and Sundays.

The route was developed based on input from students and will include the following existing Advance Transit stops.

1. West End Circle
2. **Vail/Anonymous Hall**
3. Rt 120/Greensboro Rd, Hanover
4. **DHMC**
5. Rt 120/Heater Rd, Lebanon
6. Rt 120/Summer St, Lebanon
7. Downtown Lebanon
8. Rt 4/ Rivermill Complex, Lebanon
9. Rt 4/ Whitcomb Ave, West Lebanon
10. West Lebanon Library
11. Rt 10/ Quail Hollow, West Lebanon
12. Sachem Village Community Center

The shuttle will provide one-way travel only with passenger pick-ups at West End, Vail and DHMC only. The driver will only stop at the listed locations and will not stop at the Summit on Juniper since there is an existing evening shuttle to that facility.

The shuttle driver will be collecting passenger counts and school and graduate program affiliation (not names) so that we can assess the shuttle utilization and determine a plan for the spring term.



"I bought a new summer condo."

Looking back at 2022

In case you missed it before the holidays, Dartmouth News posted content about the top stories of the year and our favorite photos around campus, and also included a video recap of the highlights from 2022.

Check them out at: https://dartgo.org/dnews2022recaps

RECIPE OF THE MONTH

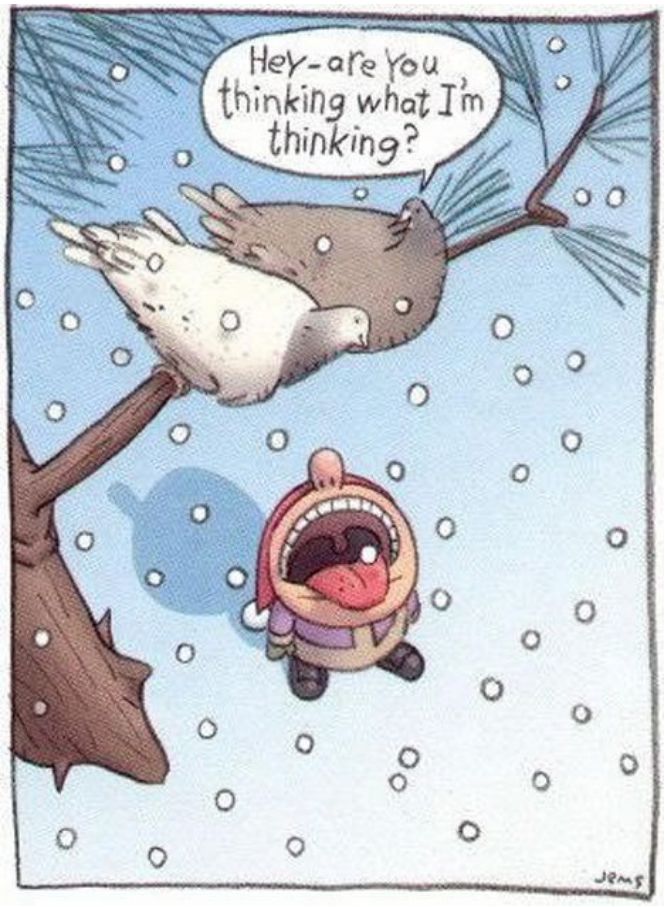
Medicine Ball Recipe, The Fresh Cooky

Ingredients

- 8 ounces water boiled
- 8 ounces lemonade
- 1 bag Peach Tranquility Tea Teavana
- 1 bag Jade Citrus Mint Tea Teavana
- 1-2 tablespoons honey use local honey, raw and unfiltered is best

Directions

1. Heat lemonade until hot and just simmering.
2. Meanwhile, brew tea as follows. To one 16 ounce mug add 8 ounces of just simmered hot water, then add 1 peach tranquility tea bag, setting timer for 3 minutes.
3. Then add your tea bag of Citrus mint tea. This is a green tea which becomes bitter if brewed too long, so watch the time on this one especially. Brew for 2 minutes, 3 minutes tops.
4. Remove tea bags, stir in honey to taste and hot lemonade. Top with a slice of lemon and if desired a sprig of mint.



PET OF THE MONTH

Dionna, Mike, and Amelia are so happy for Mabel to join their family last month. She is a ~7 month hound/lab mix rescued from Alabama by New England Lab Rescue. She is a playful pup and total sweetie, giving lots of kisses to her best friend Amelia. Mabel's favorite activity

is hiking in the woods and zooming in the snow!

COVID-19 Booster Clinics

Dartmouth is hosting COVID-19 vaccine clinics on Jan. 4 and 9 at which students, faculty, and staff can get a bivalent booster vaccine (Pfizer-BioNTech or Moderna). Clinics will be held from 6 a.m. to 8 p.m. (with breaks from 12 to 1 p.m. and from 5 to 6 p.m.) in the Paganucci Lounge at Class of 1953 Commons. Walk-in appointments are limited. Please schedule an appointment. Read our vaccination resources for more information.

Employee COVID-19 Resources

- Face masks and take-home rapid antigen tests continue to be available to faculty, staff, and students at pick-up locations across campus.
- COVID-19 tests are also available through local testing resources listed on the state health department websites for New Hampshire and Vermont.

For instruction on testing, isolation, or quarantine, students should contact Dartmouth College Health Services and employees should contact Axiom Medical at 833-408-1338.

If you have questions, please reach out to the COVID-19 response team at Covid-19.info@dartmouth.edu.

Our mailing address is:

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Hanover, NH 03755

Our mailing address is:

Molecular.and.Systems.Biology@Dartmouth.edu