

MSB NEWS

Monthly Newsletter



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

Let's stay connected...

Exciting times are ahead in anticipation of MSB's imminent return to Renssen 7, where lab spaces have been designed to meet the research needs of our newest faculty. Soon there will be a conference room large enough to hold faculty meetings and similarly sized events, as well as a bright new lunchroom for the use of all MSB department members.

After the move, be sure to visit our administrative team who will be together in offices on Renssen 7.

There are many, many people to thank but none as much as Toni Bacon, an unbelievably talented problem solver, and Jamie Clark an incredibly skilled project manager at Engelberth Construction. They promised (...sort of) a first week of March move-in date and they delivered.

A huge thanks to both of them!





KUDOS

Congratulations Lizzy Stevenson and Ziyang Wang from the Dunlap lab they have both been chosen for platform talks at the upcoming Genetics Society of America Fungal Genetics Conference at Asilomar in Pacific Grove CA.

Congratulations Aniko and Geza Fejes-Toth for their recent publication.

["mTOR signaling regulates mineralocorticoid receptor transcriptional activity"](#)



DISCOVERY SCIENCE SEMINARS

Discovery Science Seminar

“Pseudophosphatase MK-STYX: the de-stressor of stress”

Shantá D. Hinton, PhD

Boles-Ash Distinguished
Professor &
Associate Chair of Biology
William and Mary



Monday March 4, 2024

12:00pm-1:00pm
Chilcott Auditorium, Vail 120

Host: Jerry O'Dwyer

For more information contact:
Jenni.Hinsley@dartmouth.edu



Discovery Science Seminar

“Stromal cell driven mechanisms for tissue repair”

Valerie Horsley, PhD
Yale University

Associate Professor of
Molecular, Cellular and
Developmental Biology and
Dermatology



Monday, March 11, 2024

Noon-1:00pm
Chilcott Auditorium

Host: Helen Jarnagin, Whitfield lab

For more information contact:

Amy.L.Potter@Dartmouth.edu



Dartmouth
GEISEL SCHOOL OF MEDICINE
DEPARTMENT OF BIOCHEMISTRY & CELL BIOLOGY



Dartmouth
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DEPARTMENT OF MOLECULAR & SYSTEMS BIOLOGY

Discovery Science Seminar

“Unraveling alpha-synuclein prion biology in human disease.”

Amanda L. Woerman,
PhD

Associate Professor
Prion Research Center
Colorado State University



Monday March 18, 2024

12:15pm-1:15pm
Chilcott Auditorium

Hosts: Sam Liu & Karl Biggs

For more information contact:
Jenni.Hinsley@dartmouth.edu



Discovery Science Seminar

“Programming Persistence of a Parasitic Infection”

Sebastian Lourido, PhD

Member, Whitehead Institute
for Biomedical Research
Associate Professor, MIT



Monday March 25, 2024

12:00pm-1:00pm
Chilcott Auditorium, Vail 120

Host: Arminja Kettenbach, PhD

For more information contact:
Jenni.Hinsley@dartmouth.edu



2024 Leading Forward Awards - Submit Nominations by March 8

Don't forget to submit nominations for the 2024 Geisel Leading Forward Awards. This new awards program is designed to recognize our staff and faculty who exemplify our core organizational values of Integrity, Inclusion, Innovation,

Community, and Excellence, and to celebrate their outstanding contributions to our school. Nominations can be submitted by any member of the Geisel community through March 8, 2024, [here](#).



Submitting a grant or subaward?

Fill out the [Grant Proposal Questionnaire](#) to get the ball rolling.

Rosanne or Stephanie will be in touch shortly after it's received.

The form also lives on the front page of the [MSB website](#).



UPCOMING EVENTS

GEISEL BUDGET - TOWN HALL MEETINGS

Dean Compton invites faculty, staff and students to town hall meetings where he will present updates on the Geisel budget outlook.

- **March 4, 5:30 – 6:30 PM – Chilcott Auditorium, Hanover campus**
- **March 5, 5:30 – 6:30 PM – Auditorium H, DHMC**

These will be in-person meetings. The March 5 meeting will be recorded and made available to the community.

POSTDOC RESEARCH DAY

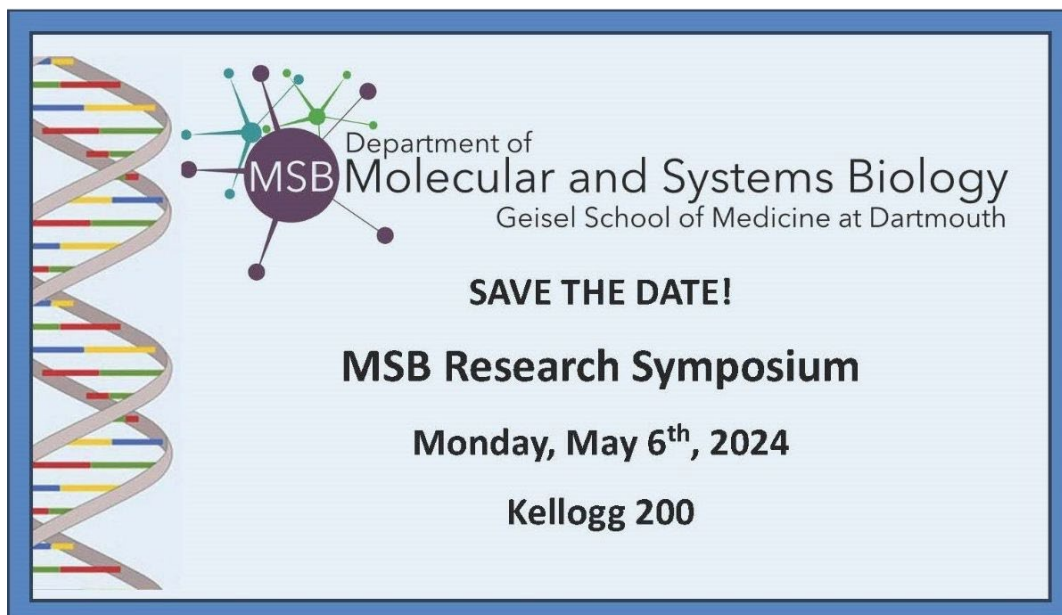
Friday, March 22, 2024

12:00pm – 6:00pm

Engineering and Computer Science Center Room 116

Join postdocs from Dartmouth and UNH for opportunities to present research and learn more about research conducted by postdocs. There will also be a keynote address and professional development session with the chance to make professional and personal connections. See details and registration at [Postdoc Research Day 2024](#).

MSB RESEARCH SYMPOSIUM



RECIPE OF THE MONTH

Guinness Beef Stew

Beef

- 2 tbsp olive oil
- 3 lbs boneless chuck roast, cut into 1 1/2-inch pieces
- 1 tsp kosher salt
- 1 tsp cracked black pepper

Stew

- 2 tbsp olive oil
- 1 yellow onion, diced
- 2 tsp garlic, minced
- 3 large carrots, peeled, chopped into 2-inch pieces
- 1 lb baby Yukon potatoes with skin on (cut in half)
- 1/4 cup flour
- 4 cups beef broth
- 12 oz bottle Guinness beer
- 1 can tomato paste (6 oz)
- 1 tbsp Worcestershire sauce
- 1 tbsp dried Italian seasoning
- 2 bay leaves
- 1 tsp kosher salt (more to taste if needed)

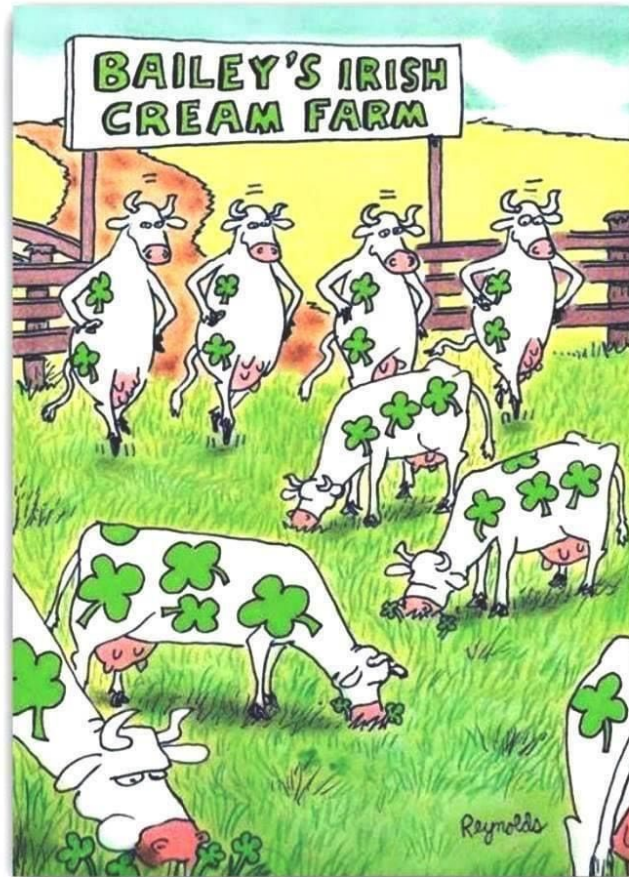


- 1 tsp pepper (more to taste if needed)
- fresh parsley for garnish

Instructions

1. Prepare the beef by cutting it into 1 1/2-inch chunks. Pat the meat dry with a paper towel. Generously salt and pepper the beef.
2. Heat 2 tablespoons olive oil in a large stock pot over medium high heat. Add the beef to the pot and sear on each side for about 3 minutes. There is no need to cook it through, just give it a nice golden sear. Remove the meat from the pot and set aside.
3. In the same pot, add 2 tablespoons of olive oil. Add the diced onion and sauté for 5 minutes until translucent and golden. Add garlic and sauté for 1 minute. Stir in the flour and cook for 1 minute, until a paste forms. If the paste is too dry, you can drizzle in more olive oil if needed.
4. Pour in the Guinness and use a whisk to scrape the brown bits from the bottom of the pan. Stir in the beef stock, carrots, potatoes, tomato paste, Worcestershire sauce, Italian seasoning, and bay leaves.
5. Add in the cooked beef, cover the pot, and simmer on low for 1 1/2 hours. Occasionally stir the stew, and cook until the beef is tender and the potatoes and carrots are soft.

6. Discard the bay leaves. Season with salt, pepper, and more Italian seasoning if needed. Garnish with fresh parsley, and serve with crusty artisan bread!



PET(S) OF THE MONTH

Jade is our 11 year old coonhound-greyhound mix. She won't win any awards for her smarts, and doesn't like hugs or too much attention if it's not back scratches, but she's a sweetheart. She's an anxious vocalizer and spent most of the 3-day trip from Florida whining and barking. Feel free to borrow her if you need a travel partner that will keep you from falling asleep.

Kenzi is our 1 ½ year old Jack Russell-Chihuahua mix. She's very observant and smart, thinks all of the dog toys in the house are hers, and plays with Jade

like she's a big dog. You should see her moves! She is a wild and free spirit, has an impressive vertical jump and licks excessively.

Bella is our 16 year old apricot (not orange) kitty. She enjoys lying in the sun and drinking ice water year-round. She begrudgingly shares the house with the dogs, voicing her disapproval when they venture too close. She's a purr-baby that loves to cuddle with her moms, Rosanne and Jenni.



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

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.



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