



BMB News and Highlights

**Recognition and Shout Out* **Publications* **Department Happenings* **Graduate News*
**Undergraduate News* **Upcoming Events*

WISHING EVERYONE A SAFE AND HAPPY HOLIDAY SEASON

Recognition and Shout Out



Stasevich Lab

Congrats to Ning!

Ning Zhao, is heading to the Department of Biochemistry and Molecular Genetics at CU-Anschutz Medical Campus as a tenure-track assistant professor in Jan 2023. Ning has been with the Stasevich lab since 2018 as a postdoc and then as a Research scholar/Scientist I in 2019.

Thanks Ning for you contributions!!



Ning Zhao
Research Sch/Sci I
Stasevich Lab

Nishimura Lab

Job well done Karissa and Naly!

Karissa Coleman and Naly Torres from the Nishimura lab, have received a "Community of Practice" qCMB Grant to support Karissa's undergraduate research and to help Naly in gaining greater mentorship training



Naly Torres

Graduate Student BMB
Nishimura Lab



Karissa Coleman

UG researcher BMB
Nishimura Lab



Bamburg Lab

Thank you, Laurie, for your dedication to the department and research!



Laurie Minamide, Senior Research Associate, is retiring after 38 years at CSU. Laurie acquired an interest in research as an undergraduate in chemistry at Scripps College working on a physical chemistry project. After graduating Phi Beta Kappa in 1981, she performed postbaccalaureate research with Felix Strumwasser at California Institute of Technology and at Woods Hole Marine Biology Laboratory, working on monoclonal antibody production. She came to CSU in 1984 to work for Gerry Calahan in the Department of Pathology. During her time in the Callahan lab, she spent one year at the National Institute for Medical Research in London, UK, working in the lab of Frank Grosveld. She published two papers, one first author, on the sequence and structural variations of the major histocompatibility H-2 gene in mice. In 1988, she moved to the Bamburg Laboratory in the Department of Biochemistry as a research associate. During her 34 years in the department, Laurie has performed an enormous number of jobs that have benefitted undergraduate and graduate students, postdoctoral fellows, and the department in general, all of these while working on her own research projects that have resulted 8 first author papers and 28 co-authored papers. For those adding up her publications, the total is an average of one publication for every year she has worked at CSU. These papers have had a great impact on her fields of work, which ranged from antibody production and characterization, protein isolation, gene cloning and recombinant protein expression, adenovirus production, and cell/neurobiology culture work, especially in solving cell and brain slice culture problems. She has 12 papers with more than 100 citations, 8 with more than 200 citations and 4 with more than 300 citations. Her Nature Cell Biology paper in 2000 is the basis for most of the current Bamburg lab research work on neurodegenerative diseases. In addition to her research and mentoring, she has served as lab manager, and for over 30 years has organized the maintenance of liquid nitrogen and CO₂ for all the labs on the second floor of MRB. She has also been very proactive in her interactions with many CSU regulatory offices, most recently with Environmental Health Services. She served on the Biohazard Advisory Board for Inviragen Corp. from 2006 to 2016. She is best remembered by former JRBIL's (members of the Bamburg lab) for being the "Lab Mom" and making the laboratory a wonderful place in which to work. She may be best remembered by those in the department who passed by the table outside of room 221 MRB for supplying peanut M&Ms and lemon bars (pre- pandemic of course). In 2022, she was recognized by the Department as the first recipient of the Academic Professional (AP) award for exemplary service.



Publications

- ❖ *Nishimura Lab* - Lindsay Winkenbach's paper is now in print: <https://journals.biologists.com/dev/article/149/22/dev200930/283146/The-ERM-1-membrane-binding-domain-directs-erm-1>

Department Happenings

- ❖ *Life core guests Kevin Flynn and Sarah Sparrow*
Kevin Flynn, a PhD alumnus from Jim Bamburg lab, was invited to talk to Dr. Safadi-Chamberlains Recitations for LIFE 203 labs about research careers in academia versus industry. Sarah Sparrow, Biochemistry graduate student in the DeLuca lab, presented her research to the group
- ❖ *SACNAS Conference*
Colorado State University sent 60 people to SACNAS (Society for the Advancement of Chicanos/LatinX and Native Americans in Science) conference in San Juan Puerto Rico at the end of October, including Erin Nishimura, Paul Laybourn, Naly Torres, Sabrina Zhi, from BMB.

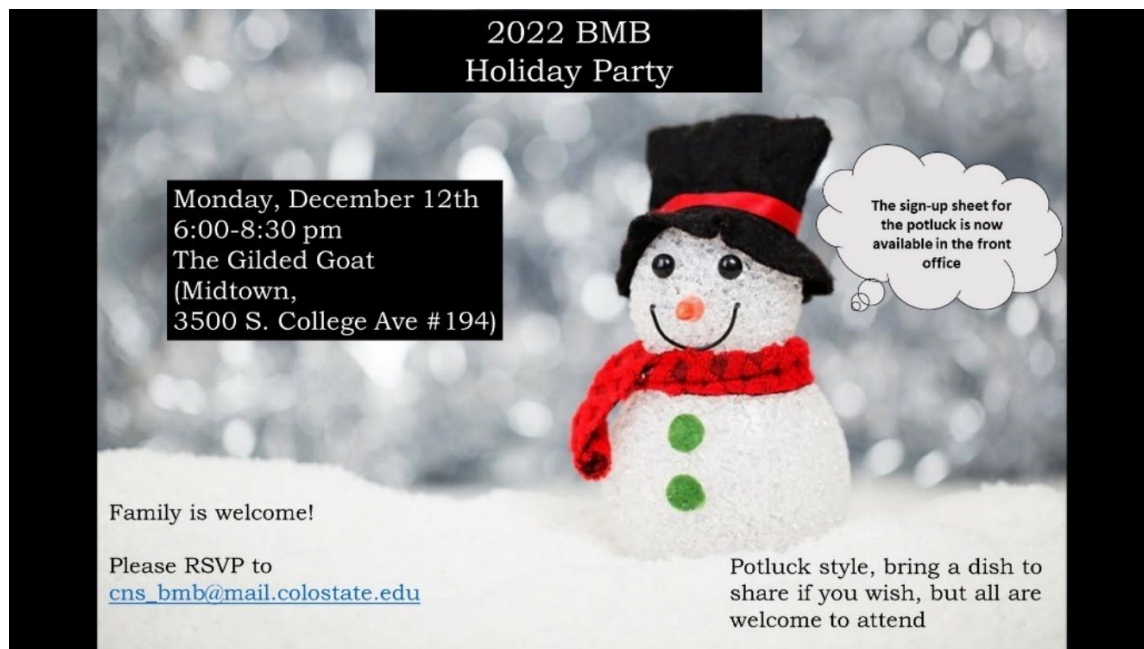


BMB Professor Paul Laybourn, BMB Associate Professor Erin Nishimura, BMB W2R Transfer Student Success Coach Orlando Cruz, W2R Asst. Director Erin Pitts, BMB Graduate Student Naly Torres, BMR REU UG researcher Sabrina Zhi



Sabrina Zhi 2021 NSF-REU student from the
University of Guam

BMB Graduate Student Naly Torres



[Cns_bmb@mail.colostate.edu](mailto:cns_bmb@mail.colostate.edu)

❖ Office Updates

- Please continue to use our two general email boxes for communication:
 - cns_bmb@mail.colostate.edu to communicate to the office for rooms scheduling, general questions and information.
 - cns-bmb_orders@Mail.Colostate.edu for ordering
- Two new student hourlies
 - Isabella Ospina
 - Jackson Layne Webb



❖ Department 5-year review

- Biochemistry is preparing for the 5-year program review.

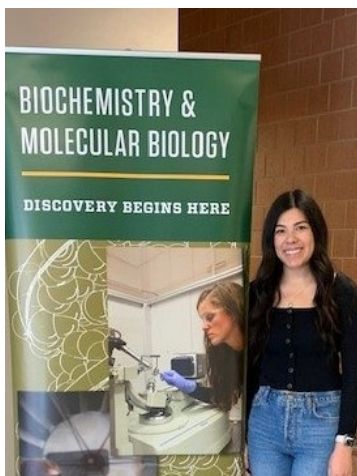
❖ CNS Strategic Plan

- CNS Strategic Plan - (see <https://www.natsci.colostate.edu/about/strategic-plan/>)
- Please participate in the survey, here is the link to the anonymous survey:
https://colostate.az1.qualtrics.com/jfe/form/SV_85ESJZHKpmJCGuG

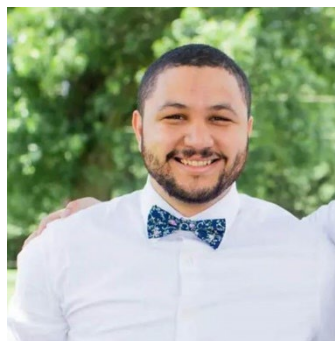
The BMB survey will ask you to rank those sub-priorities as most important to least important to our department.

The BMB survey will also ask for ideas or action items that you want to suggest for our own strategic planning. These will be combined and we will search for common themes/ideas as we develop the BMB tactical plans.

❖ Welcome New BMBers



**Markus
lab
Indigo
Columna
Research
Associate I**



**DeLuca Lab
Daniel
Munguia
Research
Associate I**



**Front Office
Isabella
Ospina
Student Hourly**

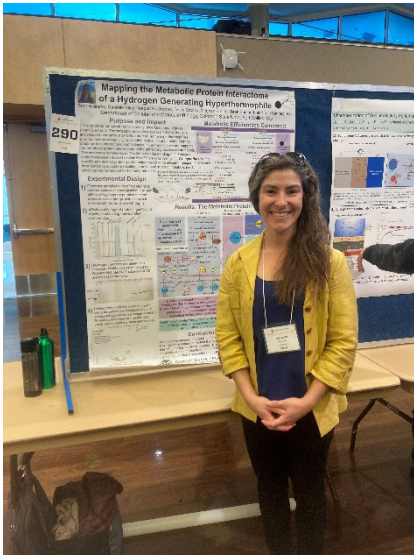


**Front Office
Jackson Layne
Webb
Student Hourly**

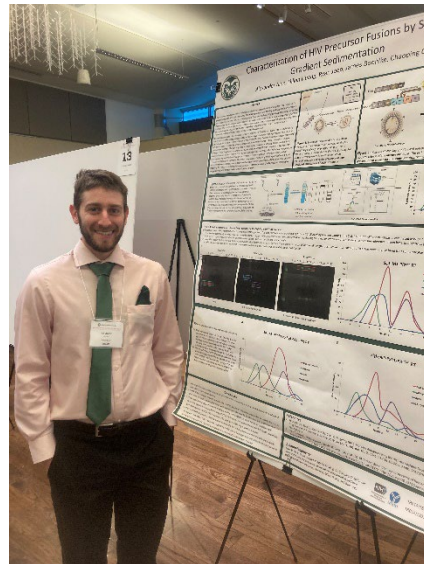


Graduate Student News

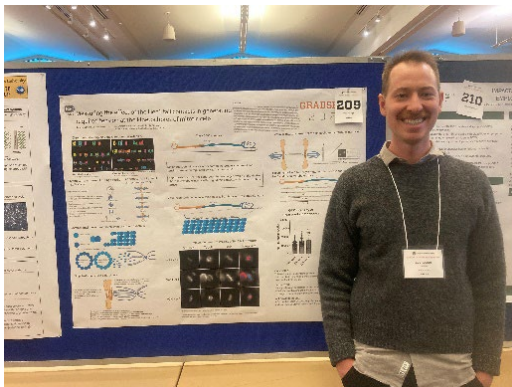
November 16th - Graduate Student Showcase Participants



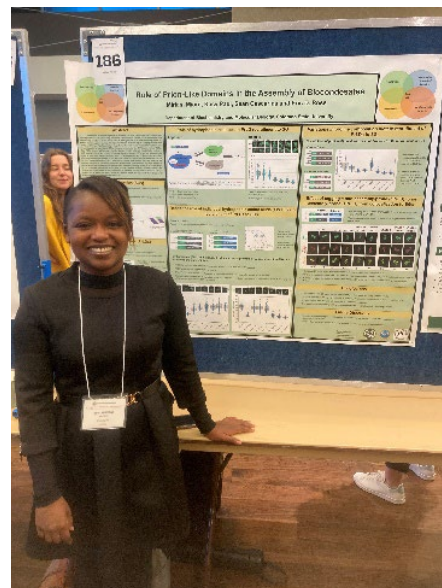
Sere Williams
Santangelo Lab
CMB



Alex Alon
Chen Lab
CMB



Randy Owen
DeLuca Lab
BMB



Miriam Mioro
Ross Lab
BMB



Undergraduate News

❖ Biochemistry Club Student Association

President: Hunter Ogg
Vice President: Cole Shepherd
Treasurer: Christian Smith
Secretary: MaKala Herndon
Leadership Team: Jacob Leavitt,
Dani Riley, Victoria Silva, Ryan
Hasbrook

Thank you all for your time!!

Let us know, here is the link for our survey used to gauge interest for the department T-shirts, <https://forms.gle/Tq3NatT9ohFZecB49>.



Upcoming Events



December 12th – Holiday party Gilded Goat 6-9 pm

December 16th - Commencement Ceremony will be on Friday, December 16th at 5 p.m

January 13th - Grant Funding Workshop with Program Officers organized by CNS

March 20th - Woody Lectureship: Dr. Jennifer Lippincott-Schwartz

Summer 2023 - Art Show at the Curfman Gallery in memory of Dr. Fahrney

