



BMBEAT

MARCH CONTENT

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►BLOG POSTS + SOCIAL MEDIA ►WELLNESS ►JOB OPENINGS

FROM THE OUTREACH OFFICE

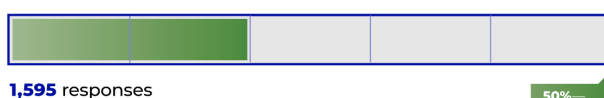
 Leonora Martinez-Nunez, PhD.  Haley Barlow, PhD.

We have people to celebrate and events to share with you but first, have you filled out the [Diversity Engagement Survey \(DES\)](#)? this is an institutional effort to gather crucial information to help shape the culture of our community

Last day is 04/02 [CLICK HERE TO START](#)

Your **input** makes an **impact**.
THE UMASS CHAN DIVERSITY ENGAGEMENT SURVEY

Here's where we stand
as of March 27:



We will have a Pizza Party if we exceed 50% of BMB participation !

April Events

BMB Socials

04/21 Everyone is invited to [School Yahd!](#) 6:00 PM (flyer coming)

[More events at UMASS Chan](#)

RIPS

04/07 Joshua Pajak (Kelch Lab)
04/14 Emma Sedivy (Kelch Lab)
04/28 Yumeng Liu (Kelch Lab)

BMB SEMINARS

04/26 04:00 PM Susan Strome (USC) - MC Chang Lecture

New Hires



Ivano Mocavini , Ph.D.
New Role: Postdoc in the Rando Lab
Hometown: Rome, Italy
Bachelor's + Master's: Biological Sciences + Genetics & Molecular Biology, both from Sapienza University
PhD: Biomedicine at the Center for Genomic Regulation (Barcelona, Spain) with Dr. Luciano Di Croce
Interests: food, playing sports, cats

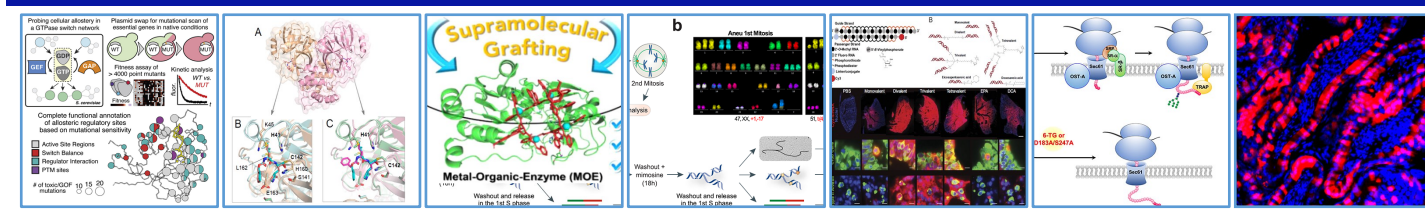


Heya Zhao, Ph.D.
New Role: Postdoc in the Rando Lab
Bachelor's + Master's: Biotechnology at Inner Mongolia University + Biochemistry & Molecular Biology at Jilin University
PhD: Molecular, Cellular and Organismal Biology at UMass Boston with Dr. Alexey Veraksa
Interests: hiking



Cintia Horta, PhD.
New Role: Postdoc in the Redding Lab
Hometown: Cape Verde
Bachelor's + Master's: Biomedical Engineering + Medical Imaging & Radiation, both from Coimbra University
PhD: Instituto Gulbenkian de Ciencia with Dr. Raquel Oliveira
Interests: dancing, cooking

#Newsience alert!



- [Evidence for RNA or protein transport from somatic tissues to the male reproductive tract in mouse.](#) eLife.
- [A complete allosteric map of a GTPase switch in its native cellular network.](#) Cell Systems.
- [Enzyme Grafting with a Cofactor-Decorated Metal-Organic Capsule for Solar-to-Chemical Conversion.](#) Journal of the American Chemical Society.
- [Selection of HIV-1 for resistance to fifth generation protease inhibitors reveals two independent pathways to high-level resistance.](#) eLife.
- [Short-term molecular consequences of chromosome mis-segregation for genome stability.](#) Nature Communications.
- [Divalent siRNAs are bioavailable in the lung and efficiently block SARS-CoV-2 infection.](#) PNAS.
- [Signal recognition particle receptor-β \(SR-β\) coordinates cotranslational N-glycosylation.](#) Science Advances.
- [Crystal Structures of Inhibitor-Bound Main Protease from Delta- and Gamma-Coronaviruses.](#) Viruses.
- [Non-canonical pattern recognition of a pathogen-derived metabolite by a nuclear hormone receptor identifies virulent bacteria in *C. elegans*.](#) Immunity.
- [Toward a comprehensive catalog of regulatory elements.](#) Human Genetics.
- [Open Science Discovery of Potent Non-Covalent SARS-CoV-2 Main Protease Inhibitors.](#) BioRxiv.
- [Evolutionary constraint and innovation across hundreds of placental mammals.](#) BioRxiv.
- [Downregulation of Hsp90 and the antimicrobial peptide Mtk suppresses poly\(GR\)-induced neurotoxicity in C9ORF72-ALS/FTD.](#) Neuron.
- [Evolutionary constraint and innovation across hundreds of placental mammals.](#) BioRxiv.
- [A thermosensitive PCNA allele underlies an Ataxia Telangiectasia-like disorder.](#) JBC
- [Structural basis for GSDMB pore formation and its targeting by IpaH7.8.](#) Nature.

BMB news

**Congratulations to the
new PhD graduates
from BMB!**

[Tell us what's up!](#)



Emily Agnello, PhD



Joe Magrino, PhD



Xingchen Liu, PhD

Is your lab taking high school student as trainees? Let us know! If you are contacted by a high school student about training you can redirect them to this list of faculty willing to mentor them.

[FACULTY
MENTORING
HIGH SCHOOL
STUDENTS](#)

Feature of the Month

Find out more about Dr. Sean Ryder, our Vice Chair of Outreach. An avid reader of science fiction by Asimov, he is always doing something and trying to solve complex problems.

[Check it out!](#)



[Dr. Sean Ryder](#)

Blog Posts & Social Media

Make sure you subscribe, follow, connect, like, comment, share ...

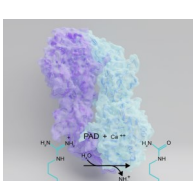
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Wellness



[Article: A systematic review of gratitude interventions: Effects on physical health and health behaviors](#)



[Gratitude Journal Prompts](#)



[UMASS MED Office of Well-being Upcoming events](#)



Job Openings

Postdoctoral Associate

Research Associate

[Listing here](#)

[Rando Lab](#)

[Thompson Lab](#)

[Xu Lab](#)

[Munson Lab](#)

[Somasundara Lab](#)

[Kobertz Lab](#)

Do you have an opening?
Let us know [here](#)

Email us:

BMBoutreach@umassmed.edu