

March 01, 2025

UM Department of Physics and Astronomy



SPS meeting: Elizabeth Goreth, Connor Bryan, Isen Furr, Byron Villacorta Peralta, Kaylyn Beard and Natali Ariyoshi

GENERAL DEPARTMENT NEWS

- Dr. Anuradha Gupta was elected Member-at-Large of the Executive Committee for the American Physical Society Division of Gravitational Physics (APS DGRAV). She, along with the other officers, will take office at the beginning of the DGRAV Business Meeting at the APS Global Physics Summit on March 18, 2025.
- Dr. Cecille Labuda is organizing a Quantum Book Club, a series of department events celebrating the International Year of Quantum Science and Technology. The club will meet regularly on Thursdays to discuss readings from the book [Thirty Years that Shook Physics: The Story of Quantum Theory](#). Everyone is invited to join the club and may bring friends along. The first meeting will be on Thursday March 6th at 4:00 pm in Lewis 104. At that meeting, the format of the club will be discussed.
- Dr. Joel Mobley hosted a group of students from Itawamba Community College at NCPA. The students experienced the anechoic chamber and a demo show focused on physical acoustics.

EVENTS AND ANNOUNCEMENTS

- The abstract and registration deadline for the [11th Gulf Coast Gravity Meeting](#) to be hosted at UM is **March 1st**.
- The next PGSA journal club meets on Wednesday March 5th with Aniket Khairnar leading the discussion.
- The Association for Graduate Women in STEM (AGWiS) in collaboration with the Oxford Police Department (OPD) will be presenting a self-defense class. The class will be on March 4th at 5:00 pm in Turner 113. Purnima Narayan is the public relations officer for AGWiS so you can contact her for more information.

FEATURED ALUMNI

- [Jericho Cain](#) graduated with a PhD in Physics in 2013 doing research in physical acoustics. He is currently a Senior Staff Data Scientist at Adobe in Vancouver, WA. He uses machine learning to gain insights from security data such as authentication logs and event data recorder data. He also teaches a weekly physics class at Portland Community College, just for fun!
- [Holly Arnsdorff](#) graduated with a BS in Physics and a BS in Chemical Engineering in 2022. She is currently an engineer at General Atomics Electromagnetic Systems supporting manufacturing and lab-scale polymer development projects.

STUDENT NEWS

Nauman Ibrahim: Senator on the GSC

Nauman was elected senator on Graduate Student Council (GSC) where he was instrumental in formation of a sub-committee for the advocacy and support of graduate student parents. If you would like more information about this, please contact Nauman.

Purnima Narayan: Astronomy Public Talk

Purnima gave an astronomy talk in the series organized by Dr. Gupta. The talk titled "The Great Planetary Alignment of 2025" was on February 15. Purnima also gave the talk in the Science Café on Tuesday February 18.

Sina Rostami: First Paper as First Author

Sina's first paper as first author was published in The Journal of the Acoustical Society of America Express Letters (JASA EL). The paper titled [Liquid Channel Tunable Lenses for Phased-based Ultrasonic Beamforming](#) is the culmination of his PhD studies. Congratulations Sina!

Arindam Sharma: PhD Candidate

Arindam completed all the requirements to advance to PhD candidacy achieving one of the milestones on the path to the degree. Congratulations Arindam!



INTERNATIONAL YEAR OF
Quantum Science
and Technology