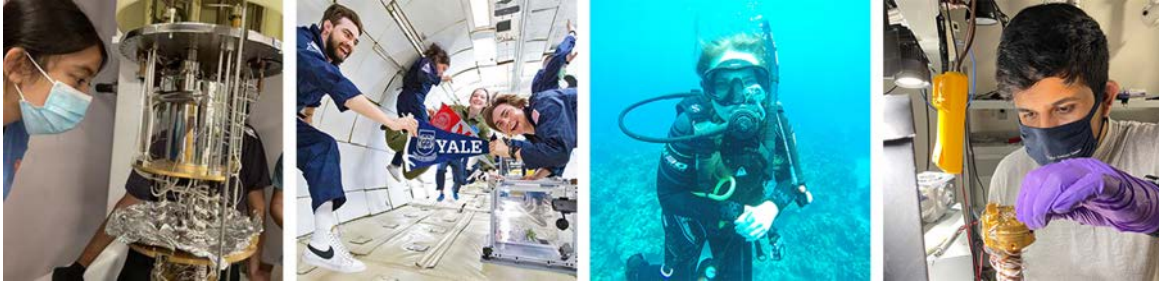


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# Yale Physics



**Friday, August 5, 2022**

## Events

**Monday, August 15**

- 10:00 am **Yale Quantum Institute Colloquium:** *Towards Topological Superconductivity in Epitaxial Superconductor-Semiconductor Systems*, Javad Shabani, NYU, YQI Seminar room & [Livestream here](#). Host: Rob Schoelkopf
- 2:00 pm **Dissertation Defense:** *Thin-film Resonators for Superconducting Quantum Circuits*, Lev Krayzman, Yale University, [Livestream here](#). Thesis Advisor: Rob Schoelkopf

**Thursday, August 18**

- 9:00 am **Wright Lab event:** *ONAOSI-Yale Program Final Presentations and Luncheon*, Various presenters in WL 216.

[More events](#)

## News



### Meg Urry on gender equality

Meg Urry, Israel Munson Professor of Physics and professor of astronomy, was featured in an article in the July 18th issue of *Physics Today*. The article was a follow-up to the Baltimore Charter for Women in Astronomy where participants in the 1992 meeting reflect on three decades of changes in the community.



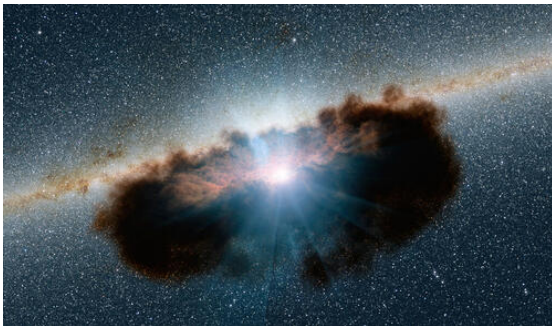
## Moore and Puri win Arthur Greer Memorial Prize

The Arthur Greer Memorial Prize for Outstanding Scholarly Publication or Research recognizes outstanding research conducted by ladder faculty members at Yale in the social or natural sciences who are untenured at the time that the work is completed or published. David Moore and Shruti Puri are two of the winners for 2021-22.



## Ako Jamil successfully defends thesis

On July 26, 2022, Ako Jamil successfully defended the thesis: "Rare Event Searches in Liquid Xenon with EXO-200 and nEXO" (advisor: David Moore).



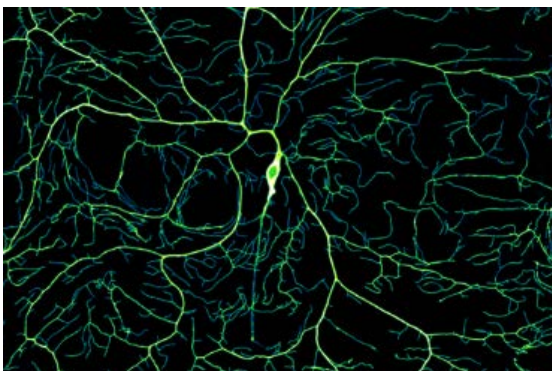
## Meg Urry research featured in Yale News

Meg Urry is part of a group of Yale astrophysicists who have helped assemble an unprecedented census of the most powerful, growing supermassive black holes in the universe as part of the BAT AGN Spectroscopic Survey (BASS) Project.



## Wettlaufer research featured in Yale News

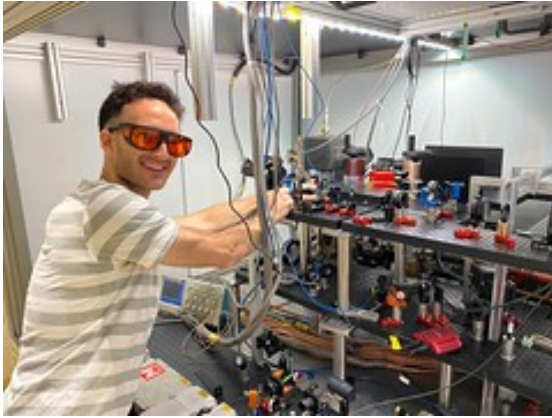
John Wettlaufer is part of a Yale-led study which has produced an innovative way to predict the El Niño Southern Oscillation (ENSO) — the largest interannual variability process in Earth's climate — by using limited data to reveal hidden features.



## Joe Howard research featured in Yale News

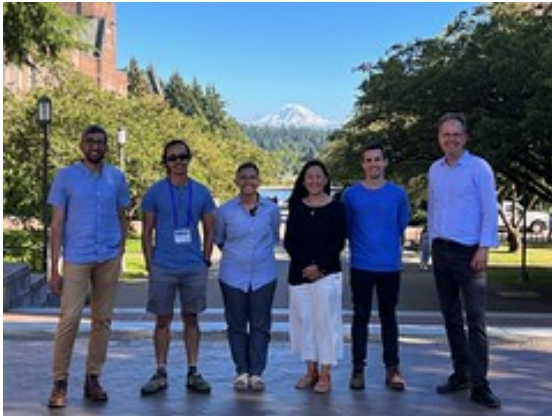
Joe Howard is part of a group of Yale researchers who have discovered the molecular mechanism behind the growth of our nervous system. The findings were recently published in *Science Advances*.

## Social Media This week



### Featured post

Juan Recoaro talks about his summer research at Francesca Ferlaino's group in the Institute for Quantum Optics and Quantum Information of the Austrian Academy of Sciences where he is helping set up a whole new experiment to leverage the properties of Rydberg atoms using optical tweezer arrays for quantum simulation. Posted to [Instagram](#) on July 27th. Recoaro is a rising Junior doing the Physics (Intensive) major.



### Featured post

From July 16-26, 2022 members of the Wright Lab community attended and participated in the Snowmass Community Summer Study Workshop at the University of Washington in Seattle, WA. Members of Wright Lab gave talks, convened workshop sessions, were panelists, and presented posters. Posted to [Instagram](#) on August 1st.

## Community



### Happy Hour - July 29, 2022

Members and friends of the physics department came together for a BBQ and departmental happy hour in the YSB courtyard at the end of July. It was a fantastic time with people enjoying hamburgers, hotdogs, snacks, and drinks while trying out their skills on the volleyball court. Graduate student organizers Charles Lomba, Kirsty Scott, and Andrew Ton would like to thank everyone for coming out and look forward to more community-building events in the future. Photos can be found on [flickr](#).

### Climate and Diversity Committee News

Meg Urry was recently featured in a [Physics Today](#) article about how gender equality has advanced, or not, since the 1992 meeting that produced the Baltimore Charter for Women in Astronomy.

*If interested in joining the CDC, please contact Rona Ramos, Chair of CDC. You may contact the whole committee at [physics-cdc@mailman.yale.edu](mailto:physics-cdc@mailman.yale.edu)*

## **COVID-19 update**

Yale COVID-19 Information - [click here](#) for updated information.

# Opportunities

## **Faculty Positions**

[Asst./Assoc./Full Professor in Experimental Quantum Science](#) - Yale University

[Associate/Full Professor, Experimental Atomic, Molecular, and Optical Physics](#) - Yale University

[Visiting Assistant Professor in Physics \(2 positions\)](#) - Illinois Wesleyan University

[Asst. Prof. in Experimental Particle Physics position](#) - UPenn

[Assistant Professor of Physics, Tenure track](#) - The College of Wooster

[Junior Faculty Search in Fundamental symmetries \(experiment\), broadly defined](#) - UC Berkeley

[Assistant Professor in Experimental Particle Physics](#) - University of Pennsylvania

[Physics Faculty Postion](#) - CSU San Bernardino

[Full-Time Lecturer Position in Physics](#) - University of Massachusetts, Dartmouth College of Engineering

[Physics Clinical Assistant Professor Position](#) - NYU

[Faculty and Associate Faculty Positions](#) - Perimeter Institute

[Assistant Professor in Biophysics](#) - University of North Texas in Denton

[Assistant Professor or Associate Professor in Photonics](#) - University of North Texas in Denton

[Assistant Professor in Energy](#) - University of North Texas in Denton

[Instructor, Lecturer, or Senior Lecturer of Physics](#) - South Dakota Mines

## **Research Scientist Positions**

[Research Scientists \(CHORD radio telescope\) 5 Year Term](#) - Perimeter Institute

## **Postdoctoral Positions**

[Postdoctoral Associate Position in Theoretical Physics](#) - Yale University

[Product Development Engineer](#) - Hyperlight

[Integrated Photonics Research Scientist](#) - Hyperlight

[Postdoctoral Research Associate - Experimental Nuclear/Particle Physics](#) (multiple positions) @ UMass Amherst

## Lab Positions

[Lab Director, Undergraduate Quantum Education Laboratory](#) - the University of Chicago

## Graduate Student and Postdoc Research

[Experimental-Physics Education Specialist](#) - Scripps College

[Dudley Observatory Astronomer](#) - Siena College

[Positions for postdocs and graduate students affected by the war in Ukraine](#) - Perimeter Institute

## Undergraduate Research

Research Assistant - Yale School of Medicine (contact [Navin Kumar](#) for further information)

- Research Assistant – Harm Reduction (send CV to Keyu Chen [keyuchen2020@gmail.com](mailto:keyuchen2020@gmail.com))
- Research Assistant – Data Analysis & Harm Reduction (send CV to Keyu Chen [keyuchen2020@gmail.com](mailto:keyuchen2020@gmail.com))

[Spring 2023 Undergraduate Internships](#) - DOE Office of Science (applications due **October 5**)

## Graduate Student and Postdoc Schools, Workshops, and Conferences

[Quantum Gravity Around the Corner](#), October 3-7, 2022 - Perimeter Institute (registration open July 8-September 16)

[NASA Science Mission Design Schools](#) - NASA Jet Propulsion Laboratory (deadline September 28, for the Astrophysics Mission Design School 2023)

[iid2022: Statistical Methods for Event Data](#), November 15-19, 2022 - University of Alabama in Huntsville

[Go Beyond: Postdoc Preview](#), October 28-30, 2022 - University of Notre Dame (deadline August 31)

[Quantum Creators Prize Symposium 2022](#), November 14-15, 2022 - The Chicago Quantum Exchange and the University of Chicago (deadline September 11)

Undergraduate and Graduate Student Opportunities

[History of Physics Essay Contest](#) - American Physical Society Forum on the History and Philosophy of Physics (deadline September 1)



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*For further information, or to contribute to the newsletter, please send email to [Daphne Klemme](#). Alumni can add/update their information by [clicking here](#).*

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