

Yale Physics



Upcoming Events

Monday, October 12

[4:00pm](#) Physics Club. Sheldon Stone, Syracuse University, "Physics at LHCb" via zoom.

Tuesday, October 13

[12:00pm](#) WIDG Seminar. Carl Rethmeier, Carleton University, "Measurement of Alpha-Decaying Backgrounds and the Search for 5.5 MeV Solar Axions in DEAP-3600" via zoom.

[12:00pm](#) Department of Chemistry Biophysical Seminar. Richard Cogdell, University of Glasgow, "Recent advances on the structure and function of purple bacterial light harvesting complexes" via zoom.

[4:00pm](#) DEIAP Town Hall. Karsten Heeger, Yale University, "Planning for DEI action" via zoom.

Wednesday, October 14

[3:30pm](#) Earth and Planetary Science Colloquium. Daniel Ibarra, University of California Berkeley, "Drivers of warm and cold past wet states recorded by lakes in western North America" via zoom.

[4:00pm](#) Molecular, Cellular and Developmental Biology Seminar. Erin Carlson, University of Minnesota, "Chemical Microbiology: Translation and Control of Bacterial Behavior" via zoom. Hosted by Stavroula Hatzios.

[4:00pm](#) Department of Chemistry Organic Seminar. Jeff Chan, University of Illinois, "Expanding the Chemical Toolbox for Acoustic-based Imaging of Cancer" via zoom.

[4:15pm](#) Department of Mathematics Colloquium. Anna Gilbert, Yale University, "Title TBA" via zoom.

Thursday, October 15

[1:00pm](#) NPA Seminar. Stefania Amodeo, Cornell, "Halo gas thermodynamics from the CMB: results from the Atacama Cosmology Telescope DR5" via zoom.

[2:30pm](#) Department of Astronomy Colloquium. Katelin Schutz, MIT Center for Theoretical Physics, "Making dark matter out of light: the cosmology of sub-MeV freeze-in" via zoom.

Friday, October 16

4:00pm Yale Quantum Institute Open Mic. Valla Fatemi, Yale University, "Topological Band Structures in the Offset-Parameter-Dependence of Small Josephson Circuits" via YQI Virtual Space in Gather Town.

More events

News



Tonima Ananna (Ph.D. 2019, Yale University with Meg Urry) one of this year's Science News 10 scientists to watch

in Science News (September 30, 2020), "This year's SN 10 scientists aim to solve some of science's biggest challenges".

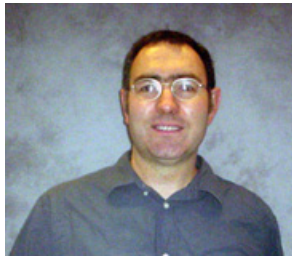
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Nobel Prize in Physics 2020

The Royal Swedish Academy of Sciences has decided to award the Nobel Prize in Physics 2020 to Roger Penrose, University of Oxford, UK, Reinhard Genzel, Max Planck Institute for Extraterrestrial Physics, Garching, Germany and University of California, Berkeley, USA, and Andrea Ghez, University of California, Los Angeles, USA..

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Simon Mochrie (Professor of Physics) named an Allen Distinguished Investigator

Megan C. King, PhD, associate professor of cell biology and of molecular, cellular and development biology, and Simon Mochrie, PhD, professor of physics and of applied physics, have been named Allen Distinguished Investigators by The Paul G. Allen Frontiers Group, a division of the Allen Institute. They are among eight scientists who lead or co-lead five research projects that the Frontiers Group announced today. Each project receives \$1.5 million for a three-year period.

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Yale Department of Physics



2021 Yale Mossman Fellowship

The Yale University Physics Department invites applications for the Yale Mossman Postdoctoral Fellowship, which is intended to support promising physicists in the early stages of their careers. This year's fellowship will be in any subfield of physics. The fellowship provides a three-year appointment with a competitive stipend, discretionary annual research fund, and health insurance.

Yale has an active and engaged community in most subfields of physics both experimental and theoretical. The faculty of the Physics Department excels in astrophysics and cosmology, atomic physics, biophysics, condensed matter, gravitational physics, nuclear and particle physics, and quantum science. More information can be found at physics.yale.edu/research.

Yale strongly welcomes applications from women, persons with disabilities, protected veterans, and underrepresented minorities. Yale is an Affirmative Action/Equal Opportunity Employer.

For inquiries about this position, please contact Prof. Willard Stuke at wstuke@physics.yale.edu. Apply at physics.yale.edu/yale-mossman by November 1, 2020.

Yale Mossman Fellowship - accepting applications in any subfield

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Rona Ramos is the new Graduate Coordinator

Rona Ramos received her Ph.D. from Yale in 2010 with Sean Barrett as her thesis advisor. She worked for many years as the introductory lab coordinator before transitioning into this new position.



The Graduate Service Coordinator will work closely with the Director of Graduate Studies and Graduate Registrar to provide academic and non-academic support and services to Physics graduate students and help develop the graduate program. The success of our graduate students is a priority for our department, and Rona brings invaluable experience and expertise to the graduate program team.

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Wright Lab's Alex Lathem '21 featured in SPS newsletter

Alex Lathem, '21, who has done research at Wright Lab with both Eugene Higgins professor of physics and of astronomy Charles Baltay and assistant professor David Moore, was recently featured in the Yale Society of Physics Students' newsletter. See below for the full text.

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PHYS 165 Lab Kit Mailing Story by Sid Cahn

From August to October, Sid Cahn's story of perseverance in getting out the lab kits for PHYS 165.

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Message from our Physics Librarian, Kayleigh Bohemier: Open Access Week 2020 will be in late October

Want to learn more about the open access publishing model? Join Sandra Aya Enimil, Copyright Librarian and Contracting Specialist, and Lindsay Barnett, Collection Development and Scholarly Communication Librarian, for an introduction to open access. This interactive session will cover a variety of topics related to open access, including copyright, author's rights, associated costs, and benefits. Participants are encouraged to bring questions. Please attend and share with faculty and graduate students. This session is being held in honor of Open Access Week 2020.

What: Introduction to Open Access

When: October 22, 2020, 10:00-11:00 a.m.

Where: <https://yalelibrary.zoom.us/j/92254513899?from=msft>

Learn more about Open Access:

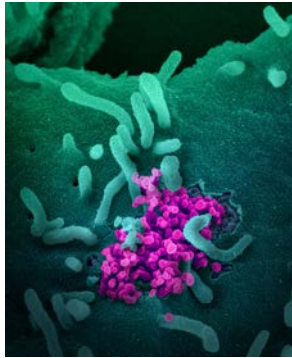
Open Access Week: <http://www.openaccessweek.org/>

Cushing Whitney Medical Library: <https://library.medicine.yale.edu/scholarly-communication/open-access>

Yale Library: <https://guides.library.yale.edu/openaccess>

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COVID-19 Update – October 9th update

October 7, 2020: Update from the University President and Provost with important information on the Spring term calendar.

October 9, 2020: Update from the University COVID-19 Coordinator with important information [text to come].

Please check [Yale Covid-19 Statistics](#) for current statistics. The current COVID-19 Alert Level is Yellow (see the site for an explanation).

- [COVID-19 Workplace Guidance website](#)
- [Yale College COVID-19 Announcements and FAQs](#)
- [Graduate School for Arts and Sciences 2020-2021 Academic Year FAQs for Graduate Students](#)
- [Further information on Yale's response.](#)

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Community



Climate and Diversity Committee

With New Haven public schools currently online only, it's more important than ever that tutors are available to help support the students, especially in the STEM fields. A coalition of several Yale-affiliated groups is working to provide virtual mentoring and tutoring services to students from grades 6-12 this fall and spring. As [this YDN article](#) reports, so far already 200 New Haven families have signed up, and roughly 70 Yale undergraduates and graduate students have volunteered to become mentors. With demand outrunning their finite resources, the initiative has had to stop accepting applications from families for now, and will match NHPS students with mentors on a rolling basis.

If you are interested in tutoring and supporting your local community you can [volunteer for this initiative](#).

If interested in joining the CDC, please contact [Helen Caines](#), Chair of CDC. You may contact the whole committee at physics-cdc@mailman.yale.edu

External Opportunities

[Faculty Position in Theoretical Condensed Matter Physics - University of California - Davis \(Deadline November 15, 2020\)](#)

[Faculty Position in Particle Theory - University of California - Berkeley \(Deadline November 8, 2020\)](#)

[Faculty Positions at the University of California, Berkeley \(Deadline October 26, 2020\)](#)

Fellowships

[NASA Postdoctoral Fellowship](#)

[NASA CT Space Grant Consortium \(look under Funding Opportunities\)](#)

[Patti Grace Smith Fellowship](#)

[American Physical Society Congressional Science Fellowship](#)



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For further information, or to contribute to the newsletter, please send email to [Daphne Klemme](#).

This email was sent by: Department of Physics, Yale University
P.O. BOX 208120, New Haven, CT, 06520-8120 United States

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