Events

Monday, February 22
All day  Black In Physics Wikithon: Our voices, our accomplishments, our history February 2021.
4:00 pm  Department of Molecular Biophysics & Biochemistry Special Seminar: Proteolytic regulation of pyroptosis, Dr. C. Taabazuing, Memorial Sloan-Kettering Cancer Center, Zoom Meeting ID #: 985 3078 9234.

Tuesday, February 23
All day  Black In Physics Wikithon: Our voices, our accomplishments, our history February 2021.

Wednesday, February 24
All day  Black In Physics Wikithon: Our voices, our accomplishments, our history February 2021.
3:30 pm  Department of Earth and Planetary Sciences Colloquium: The ecology of origination and extinction in fossil and living marine animals, Matthew Knope, University of Hawaii, Hilo, Zoom, contact department for zoom information.

Thursday, February 25
All day  Black In Physics Wikithon: Our voices, our accomplishments, our history February 2021.
12:00 pm  Yale Quantum Institute C2QA Quantum Thursday: Engineering New Solid-State Quantum Systems, Nathalie P. de Leon, Princeton University, Zoom, contact YQI for password.
3:00 pm  Grad Anti-Racist Reading (GRARR) meeting: reading more about the work of Black physicists and participating in the Black in Physics Wikithon.Zoom, password GRARR.
4:00 pm  Department of Molecular Biophysics & Biochemistry Special Seminar: Lessons from ion channels: stay close to a partner and far from toxic agents, Dr. F. Abderemane-Ali, University of California, Santa Barbara, Zoom.

Friday, February 26
All day  Black In Physics Wikithon: Our voices, our accomplishments, our history February 2021.
12:00 pm  **PEB Discussion Group**: Graduate student research in progress talks, Xiaobai Li, Chemistry, "Stresses within the Actin Meshwork Control the Turnover of Fimbrin during Clathrin-Mediated Endocytosis" and Kyra Thrush, Computational Biology & Bioinformatics, "Epigenetic Based Modeling of Brain Aging is linked to Alzheimer's Disease Pathology", zoom 186 533 593.

3:00 pm  **Franke Program Understanding the Nature of Inference: Correlation and Causation Colloquium**:  What is a 'Cause,' and Why Does it Happen Before the Effect?, Carlo Rovelli, Université de la Méditerranée, Marseille, France,  Zoom details at frankeprogram.yale.edu.

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**News**

**International Day of Women and Girls in Science Yale Physics faculty spotlight**

February 11th was the 6th International Day of Women and Girls in Science. This annual celebration, initiated by a resolution of the United Nations in 2015, recognizes the critical role that women and girls play in science and technology.

**The search for dark matter with HAYSTAC gets a speed boost from quantum technology**

Alum Benjamin Brubaker (Ph.D. ‘17), now a Postdoctoral Fellow in Quantum Physics at U-Colorado Boulder, wrote an article on the recent result from the Yale-led HAYSTAC experiment (located at Yale’s Wright Lab) for The Conversation.

**A new PROSPECT for national security — via neutrinos**

The Yale-led PROSPECT experiment has been featured in a Yale News Q&A with Karsten Heeger, professor of physics, director of Wright Lab, and chair of the Physics Department.

**#BlackInPhysics events at Yale**

For Black History month there will be T-shirts, a Wikithon, and a Graduate Anti-Racist Meeting where we will be reading more about the work of Black physicists. Anyone is welcome to join for any amount of time.
Community

Climate and Diversity Committee News

This week we highlight a reflection from APS President S. James Gates on Einstein's opinions on racism and African-Americans. Prof. Gates was interviewed as part of the APS's activities during Black History Month. Prof. Gates is a high-energy theoretical physicist whose research focusses on supersymmetry, supergravity and superstring theory. He is a past president of the National Society of Black Physicists and an NSBP Fellow, a Fellow of the American Physical Society, the American Association for the Advancement of Science, and the Institute of Physics in the U.K and an elected member of the American Academy of Arts and Sciences, the American Philosophical Society and the National Academy of Sciences.

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

COVID-19 update

Please check Yale COVID-19 Statistics for current statistics. The current COVID-19 Alert Level is Orange (see the site for an explanation).

Yale COVID-19 Site
COVID-19 Workplace Guidance website
Yale College COVID-19 Announcements and FAQs
2020-2021 Academic Year FAQs for Graduate Students
Yale Physics COVID-19 site

Opportunities

Faculty positions

Faculty and Associate Faculty Positions - Perimeter Institute (no date)

Grants

OPRA Association Physics Grants - OPRA (Apr. 15, 2021)

Fellowships

Research Fellows - Basque Foundation for Science (Mar. 10, 2021)
The Simons Emmy Noether Fellows Program - Perimeter Institute (Mar. 31, 2021)
Postdoctoral Fellowship Opportunities - Stanford University (Apr. 30, 2021)

Graduate Research

Office of Science Graduate Student Research program - U.S. Department of Energy (May 5, 2021)

Undergraduate Research

REU Program in Physics & Astronomy - WSU (Feb. 19, 2021)
REU Program - University of Notre Dame (Feb. 22, 2021)