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Yale *Physics*



Friday, December 17, 2021

Events

Thursday, December 16 - Wednesday, December 22

All day Exam week

Wednesday, December 22 - Tuesday, January 18

All day Winter recess

[More events](#)

News



Mueller joins Yale Physics as a visiting professor

On October 27th, The Graduate School of Arts and Sciences (GSAS) and the Graduate School Alumni Association (GSAA) co-hosted a discussion for Yale graduate students, faculty, and alumni featuring Yale Physics and Wright Lab alum Charles D. Brown II, '19 Ph.D. (Physics).

Charles Brown returns to Yale for "Perspectives: Conversations with Alumni" series

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faculty, and alumni featuring Yale Physics and Wright Lab alum Charles D. Brown II, '19 Ph.D. (Physics).



J. Willard Gibbs's 1878 paper recognized by the American Chemical Society

Yale to receive 2021 American Chemical Society Citation for Chemical Breakthrough Award for Gibbs' explanation of the laws of thermodynamics.



Bacterial Bandwidth

How organisms process sensory information and translate the data they collect into behavior is complicated — even for bacteria like *E. coli*, which goes through life pursuing chemical attractants in its environment. Scientists at Yale, including Thierry Emonet and Ben Machta, analyzed this simple process, known as chemotaxis, to help answer a fundamental question: How efficiently do organisms use information to guide their behavior?

[More news](#)

Community

Climate and Diversity Committee News

As we head into the winter break, remember that rest is not something you need to earn. If you have any feelings of guilt or regret about how the year should have looked, let them go and take the time to recharge anyway. No matter what your year looked like, you've accomplished a great many things, experienced joyful moments and grown through challenges and experiences. We wish you a restful and rejuvenating winter break and look forward to seeing you in 2022.

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

COVID-19 update

[Yale COVID-19 Information](#)
[Yale COVID-19 Statistics](#)

COVID-19 Workplace Guidance
Yale College COVID-19 Announcements and FAQs
Yale Physics COVID-19 site
Current COVID-19 status is Yellow

Opportunities

Faculty positions

[Tenure-Track Position in Experimental Soft Matter and Biological Physics](#) - Brown University (deadline Dec. 31, 2021)

[Assistant Professor of Physics](#) at Le Moyne College (Deadline Dec. 31, 2021)

[Tenure-track assistant professor position](#) - Princeton University (Deadline Dec. 31, 2021)

[Physical Sciences Assistant Professorships: Diversity and Inclusion](#) - Brown University (Deadline Jan. 7, 2022)

[Two Faculty Positions in Quantum Materials](#) - The University of Tennessee Knoxville (Deadline Jan. 10, 2022)

[Assistant Professor, Physics Department](#) - Drexel University (Deadline Jan. 31, 2022)

[Professor in Particle Physics Instrumentation](#) (Job Ref 52902) - University of Birmingham (Deadline Jan. 31, 2022)

[Assistant Professor](#) or [Associate Professor](#)

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

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

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

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

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

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

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

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

[Faculty and Associate Faculty Positions](#) - Perimeter Institute (no deadline)

Postdoctoral positions

[Air Force Science & Technology Fellowships](#) (Rolling deadlines **Feb 1**, May 1, Aug 1, Nov 1)

[Yale Postdoctoral Fellowship in Quantum Information Theory](#) - Yale University (Deadline Feb. 1, 2022)

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

Postdoctoral Research Associate in Neutrino Physics - Brookhaven National Lab: Two ways to apply [1] [Inspire](#) or [2] [BNL-jobs](#)

[Product Development Engineer](#) - Hyperlight (no deadline)

[Integrated Photonics Research Scientist](#) - Hyperlight (no deadline)

Graduate student and Postdoc Research

[Perimeter Scholars program](#) - Perimeter Institute (Deadline Feb. 1, 2022 for final consideration)

[Experimental-Physics Education Specialist](#) - Scripps College (no deadline)

Undergraduate Research

[Undergraduate School on Experimental Quantum Information Processing](#) (two-week introduction) or [Undergraduate Research award](#) (all summer)- The University of Waterloo (Deadline Jan 4, 2022)

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

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

[Spring 2022 Undergraduate Internships](#) - DOE Office of Science

Grant Opportunities

[Seed Grant Opportunity](#) - Yale Women Faculty Forum (deadline Feb. 15)

[Perimeter Scholars International - Students' Training Accelerator for Research in Theory](#) (PSI START) - Perimeter Institute (Deadline Jan. 17, 2022)

[Research Grants](#) - OPRA Association for Advancement of Research in Nuclear & Particle Physics (Deadline Apr. 14, 2022)

Fellowship Opportunities

[DOE Computational Science Graduate Fellowship](#) - Department of Energy (Deadline Jan. 12, 2022)



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

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