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Yale Physics



Upcoming Events

Tuesday, March 24

10:00am: Theoretical Physics Seminar. G. Leite Pimentel, Leiden U., "Decoding Primordial Fluctuations" in zoom. Host: Witold Skiba.

12:00pm: WIDG Seminar. Hazel Mak, Brown, "Branching Rules and Young Tableaux Methods: from Gauge Theory to High Dimensional Supersymmetry" in zoom.

Thursday, March 26

1:00pm: Theoretical Physics Seminar. Grigory Tarnopolsky, Harvard, "Spontaneous symmetry breaking in Sachdev-Ye-Kitaev and Tensor models" in zoom. Host: Leonid Glazman.

Friday, March 27

12:00pm: Physics and Applied Physics Graduate Open House in zoom.

[More events](#)

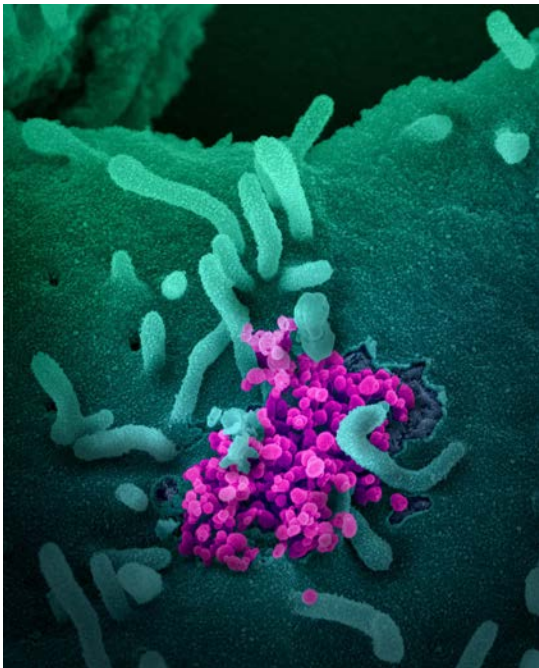
News



Claudia Lau defends thesis “Structural characterization of epitaxial oxide heterostructures via X-ray scattering”

On March 10, 2020 Claudia Lau successfully defended her thesis: “Structural characterization of epitaxial oxide heterostructures via X-ray scattering” (Advisor: Charles Ahn).

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COVID-19 Update – A Message from President Peter Salovey on Yale's Response to COVID-19

When I spoke to incoming students at the Yale College Opening Assembly at the beginning of this academic year, I said, “There is so much we do not know. Let us embrace, together, our humility—our willingness to admit what we have yet to discover.” I had no idea then that those words would be particularly meaningful months later. The novel coronavirus pandemic reminds us that despite all that we know, we have many more questions to answer. And now more than ever, we need to bring Yale’s strengths and expertise, across all disciplines, to bear on ending this pandemic.

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Community



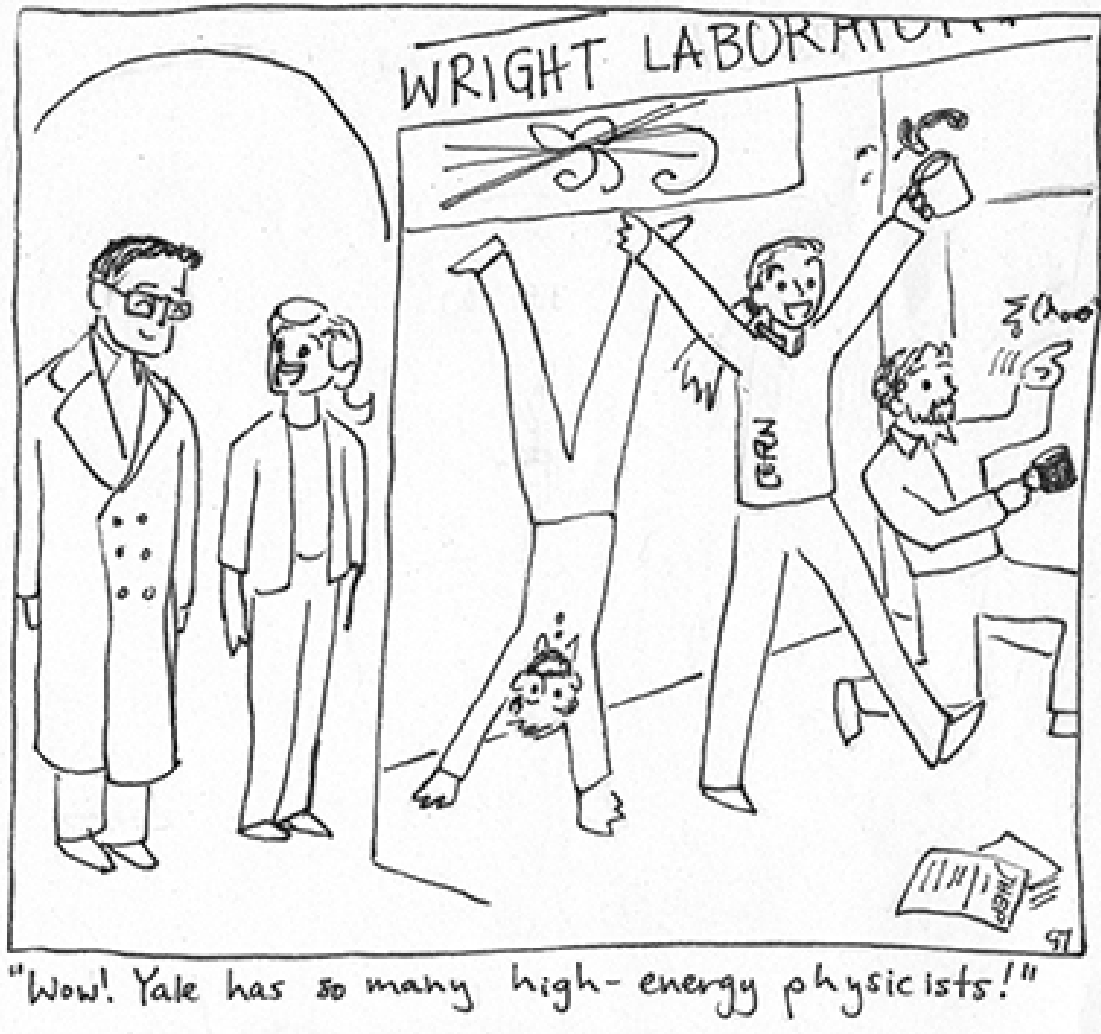
Climate and Diversity Committee

Some compelling reading for Spring Break of actionable items we, the department, our professional societies, and the broader community, can take to try to tackle the unique problems faced by African Americans in physics and astronomy. This new article (www.aip.org/teamup) from the AIP titled "The Time is Now: Systemic Changes to Increase African Americans with Bachelor's Degrees in Physics and Astronomy," finds that African Americans in physics and astronomy face different challenges to those of other under represented groups. This report is based on a 2-year long student-centered, social science research-based assessment of the factors that lead to, or detract from, African Americans earning a bachelor's degree. The executive summary reports "Perhaps the first thing individual physicists and astronomers should do is consider their role in establishing their departmental cultures and commit to creating an environment where African American students and those from other marginalized communities can thrive. Consequently, this report's highest-priority recommendation is to read and discuss this and related reports (Recommendation 6b under Change Management). Professional societies, working with departmental representatives, should utilize sensemaking and shared leadership to develop theories of change for individual departments and professional societies and should also establish faculty networks, learning communities, and skill-building workshops (Recommendations 6a and 6c under Change Management). The APS Inclusion, Diversity, and Equity Alliance (APS-IDEA, Appendix 10) provides a framework for these efforts.

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

Humor

Brought to you courtesy of Giovanna Truong (YC'2023)



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