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Yale *Physics*



Upcoming Events

Tuesday, June 2

1:00pm PEB Dissertation Defense. Nathan Nguyen, Yale University, "The Fate of the Autophagosome from Start to Finish: How do Mammalian ATG8-family and ATG4-family Proteins contribute to Macroautophagy" via [Zoom](#).

[More events](#)

News

Priyamvada Natarajan (Professor of Astronomy) research in the news

A new, Yale-led study shows that some supermassive black holes actually thrive under pressure.



It has been known for some time that when distant galaxies — and the supermassive black holes within their cores — aggregate into clusters, these clusters create a volatile, highly pressurized environment. Individual galaxies falling into clusters are often deformed during the process and begin to resemble cosmic jellyfish.

More

Yale Ideation Workshop on an
Advanced Instrumentation Development Center
in the Yale Physical Science and Engineering Building
May 22, 2020 at 2:00 p.m.

<https://yale.zoom.us/j/2034324448>

Ideation Workshop on an Advanced Instrumentation Development Center in the Physical Sciences and Engineering Building

An Ideation Workshop on an Advanced Instrumentation Development Center (AIDC) in the Physical Sciences and Engineering Building (PSEB) was held on Zoom on May 22, 2020. About 80 participants from across campus, including representatives from West Campus, the medical school, engineering, and basic sciences attended the meeting, which was led by the PSEB Instrumentation Initiative Task Force co-chairs Lisa D'Angelo and Karsten Heeger. [A full agenda for the workshop is here.](#)

More

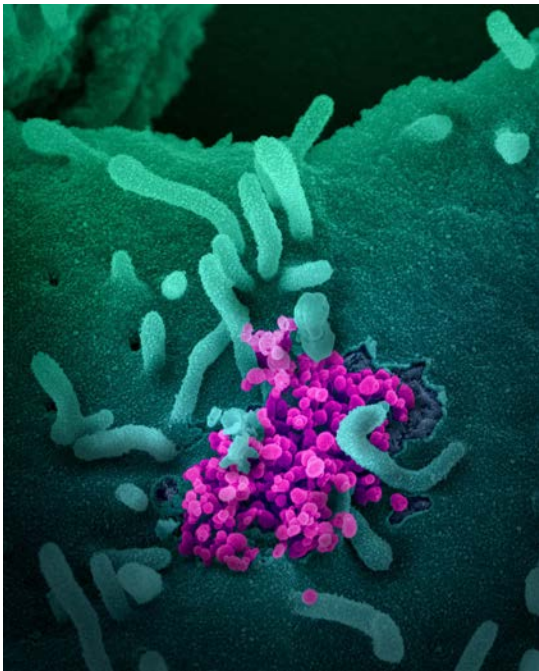
Wright Lab graduate student Ako Jamil awarded honorable mention



for 2020 GIRA Award

Wright Lab graduate student Ako Jamil has been awarded honorable mention for the competitive Graduate Instrumentation Research Award (GIRA) for his project “Development of a Low Radioactive Large Area SiPM Array for Ton-scale $0\nu\beta\beta$ ” (advisor David Moore).

[More](#)



COVID-19 Update – May 21st-29th Updates

May 21, 2020

Resources for Phase 1 Research Reactivation

May 26, 2020

New campus COVID resource line

May 28, 2020

SEAS & Science Safety Committees

May 29, 2020

2020-21 Academic Calendar (revised)

[Further information on Yale's response.](#)

[More](#)

Community



Climate and Diversity Committee

Physics World is producing a series on how the COVID-19 pandemic is affecting the personal and professional lives of physicists around the world. In this episode Daisy Shearer, a PhD student studying semiconductor spintronics in InSb-based materials for quantum technology applications, shares her experiences so far.

<https://physicsworld.com/a/physics-in-the-pandemic-returning-to-the-lab-will-be-hugely-beneficial-for-me/>

She notes "Although the pandemic has had a huge negative impact on everyone's lives, I do see some positives that could come out of it, particularly in relation to accessibility and disability inclusion. Many assistive technologies and "reasonable adjustments" have now become useful for everybody."

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



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

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