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# Yale Physics

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## Upcoming Events

### Monday, December 14

**4:00pm: Molecular Biophysics & Biochemistry Seminar.** Douglas Rothman, Yale University, "[Homeostasis of chemical concentrations, a new way to understand the control of intermediary metabolism](#)" via zoom, email department for instructions.

### Tuesday, December 15

**3:30pm: Particle Theory Seminar.** Lorenzo Di Pietro, Trieste University, "[Fixed points in non-abelian gauge theories from Perturbation theory](#)" via zoom.

### Wednesday, December 16

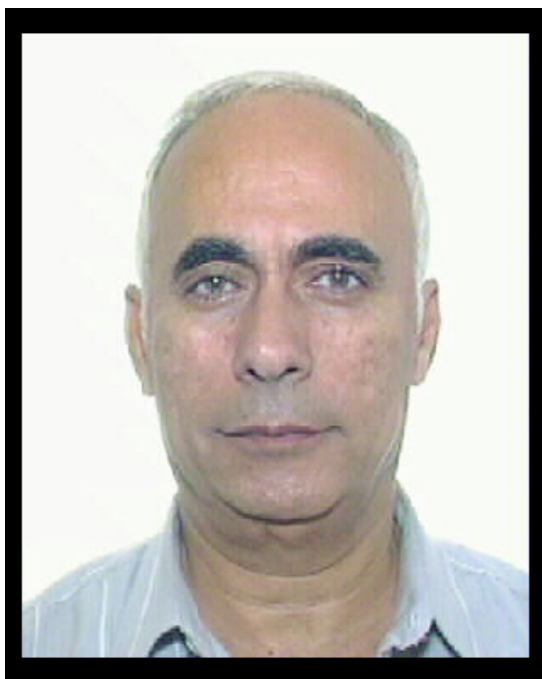
**4:00pm: Molecular, Cellular and Developmental Biology Seminar.** Needhi Bhalla, University of California Santa Cruz, "[A Tale of Two Checkpoints](#)" via zoom.

### Thursday, December 17

**1:00pm: NPA Zoom Seminar.** Zhilei Xu, MIT, "[Precision Cosmology: from the CMB to 21-cm Observations](#)" via zoom.

[More events](#)

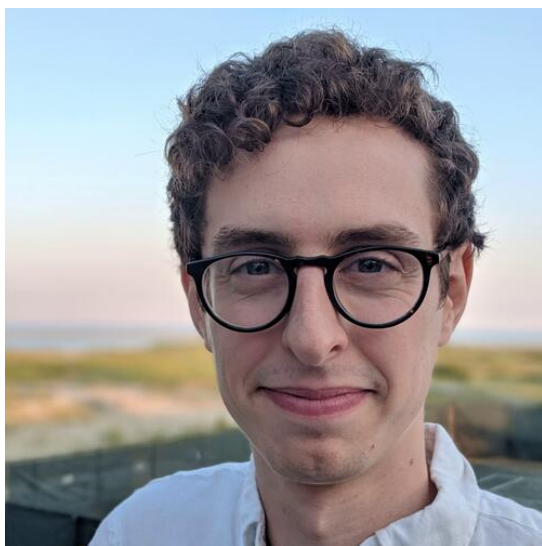
## News



### Elia Mikhail - In Memoriam

On November 30, 2020 Elia Mikhail who was a technician for physics passed away in Shelton, CT at the age of 85. Elia retired in 2008 after over 40 years working for PHYS 165L/PHYS 166L. See below the obituary from Beecher & Bennett Funeral Service. Our heartfelt condolences go out to his family.

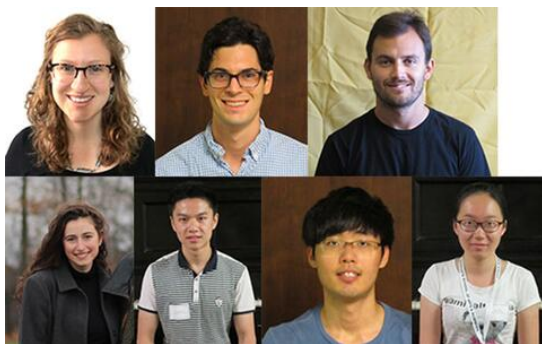
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### Daniel Seara was selected as a “Rising Star in Soft and Biological Matter” at the University of Chicago

Daniel Seara was selected as a “Rising Star in Soft and Biological Matter” at the University of Chicago. The UChicago Rising Stars in Soft and Biological Matter Symposium is a platform for exceptional early-career scientists in the broad field of soft and biological matter to present their work. These speakers are chosen for their track record of research accomplishments and demonstrated contributions to enhancing diversity, equity, and inclusion in STEM.

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### Endowed Award winners for 2019

The following students won endowed awards from Yale University for 2019:

- Alexander A. McCormick, Jr. Memorial Scholarship: Kimmy Cushman
- George DeForest Lord Scholarship: Kyungjoo Noh
- Henry M. Nodelman Scholarship Fund: Paul Fanto

- Warren A. and Hibernia S. Tyrrell Fellowship: Sean Frazier
- Francis Englesby Loomis Fellowship: Emily Kuhn
- John Sloane Fellowship: Sisi Zhou
- Loyde & Will C.G. Ortel Fellowship: Jinping Li

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### Endowed Award winners for 2020

The following students won endowed awards from Yale University for 2020:

- George DeForest Lord Scholarship: Caitie Beattie
- Nada Ledinko Fellowship: Hannah Bossi
- Francis Englesby Loomis Fellowship: Lauren Saunders
- Alexander A. McCormick, Jr. Memorial Fellowship: Sohan Vartak
- Henry M. Nodelman Scholarship Fund: Connor Hann
- Loyde & Will C.G. Ortel Fellowship: Luna Zagorac
- John Sloane Fellowship: Arina Telles
- Warren A. and Hibernia S. Tyrrell Fellowship: Sanah Bhimani

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### Alumni Award Winners for 2020

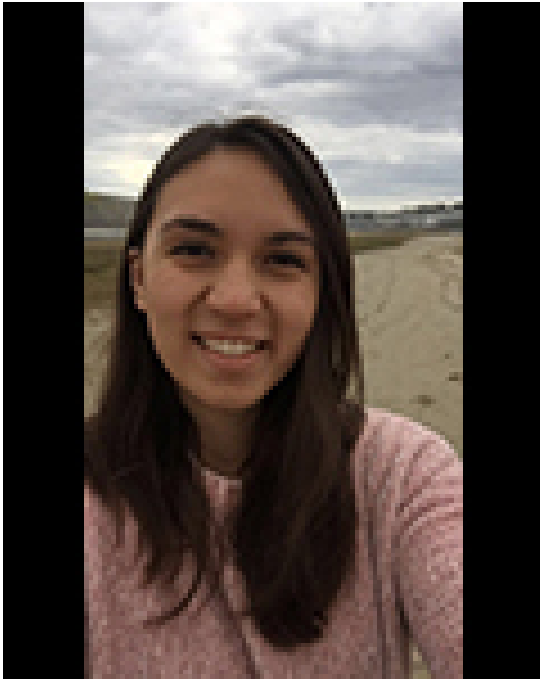
The following graduate students were honored with Alumni awards from the Yale Physics Department:

- Dr. Julia A. Thompson Award: Charles Lomba
- Professor Horace D. Taft Award: Iris Ponce
- Nathan Hale Associates Award: Ananya Rai

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### Sophia Hollick (Graduate Student) was awarded the G. Howard Carragan Award from RPI

Sophia Hollick was awarded the G. Howard Carragan Award from her undergraduate



institution, RPI Physics Department.  
Congratulations!

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### **Welcome to Candy Francis, the new Physics Department Operations Manager!**

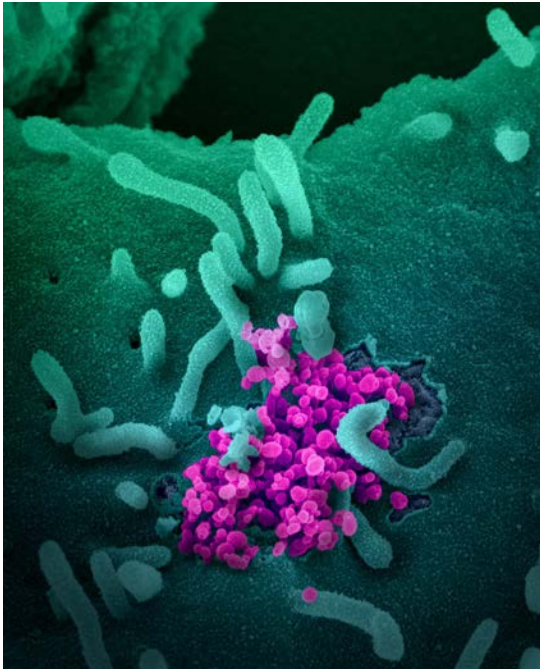
Welcome to Candy-Ann Francis who started as the new Operations Manager on Monday, December 7th. Candy joined Yale twelve years ago, and has held various positions at the School of Medicine in the department of Anesthesia and also Internal Medicine, more recently Candy was the Operations Manager in Internal Medicine for the section of Rheumatology and Allergy, and also served as Interim Operations Manager for Nephrology. Candy is originally from the island of Grenada, and In her downtime enjoys listening to Soca music and traveling back to the Caribbean with her family.

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### **COVID-19 Update - December 4th update**

December 4, 2020: Update from the University COVID-19 Coordinator with important information on vaccine plans for the future.

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](#)
- [Yale Physics COVID-19 site](#)

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## Community



## Climate and Diversity Committee

Looking for a last minute gift? Check out this 2021 [Calendar of Women Scientists Who Made Nuclear Astrophysics](#). Created by members of the [chetec community](#) they aim to present visual role models by including early career, mid-career and action photos of 12 female physicists who have played a significant role in developing the field of nuclear astrophysics.

*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](mailto:physics-cdc@mailman.yale.edu)*

## External Opportunities

### Faculty positions

[Faculty position](#) opening in neutrino physics as LSU (Deadline: December 15, 2020)

[Faculty Position in Electrical Engineering](#) - Department of Electrical Engineering,

Princeton (Deadline December 31, 2020)

## Fellowships

[American Physical Society Congressional Science Fellowship](#) (Deadline December 15, 2020)

[Perimeter Scholars International Program \(PSI\)](#) - Early Application Deadline: November 15, 2020 & Final Application Deadline: February 1, 2021.

## Undergraduate Research

[Summer Research Experience for Undergraduates in Nanoscience and Engineering](#) at Vanderbilt Institute of Nanoscale Science and Engineering (Deadline February 15, 2021).

[Caltech WAVE Fellows Undergraduate Research Program](#) (Deadline January 9, 2021).

[Undergraduate School on Experimental Quantum Information Processing and Undergraduate Research Award](#) at the University of Waterloo, Canada (Deadline January 5, 2021).

[REU Program In Neutrino Physics](#) at The Center for Neutrino Physics, Virginia Tech (Application Cycle December 1, 2020 - February 1, 2021)



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