

# UConn | COLLEGE OF LIBERAL ARTS AND SCIENCES



## Welcome from the Department of Physics

"New building, new teaching approach, and new people—there is a lot of change and excitement in the air for the Department of Physics in 2019," writes Professor and Head **Barrett Wells**.

[Read more](#)

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## Department News

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### A Hands-on Approach to Physics

Smaller classes that promote active learning will become more common in UConn physics courses thanks to renovations to the **Edward V. Gant Science Complex**.

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## UConn Physicist Elected to AAAS

Professor **Nora Berrah** was elected to the historic and prestigious American Academy of Arts and Sciences this year.

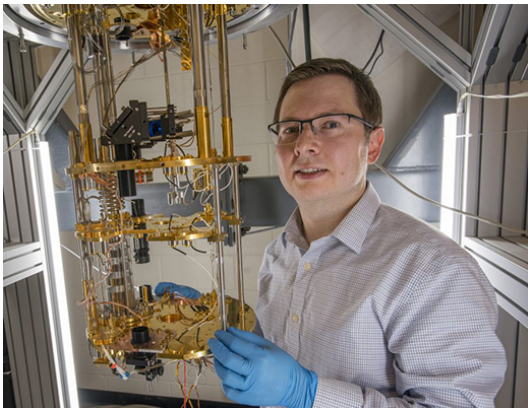
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## Professor Earns NSF CAREER Award

Assistant Professor **Daniel McCarron** was one of the eight UConn scientists awarded Faculty Early Career Development Awards from the National Science Foundation in 2019.

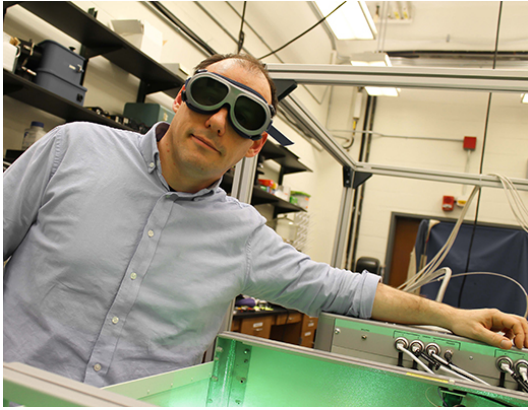
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## Breaking Up is Hard to Do

Assistant Professor **Ilya Sochnikov's** findings of how electrons behave in copper oxide superconductors may help synthesize a better, high-temperature superconductor.

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## Meet the Researcher: Carlos Trallero

**Carlos Trallero** describes physics as a broad science with unique applications to math, engineering, chemistry, and even biology.

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More Department News

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## Alumni News

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**Richard Sohn '69 (CLAS), '76 Ph.D.** is one of several editors of the new book *Quantum Field Theory: Lectures of Sidney Coleman*, published by World Scientific Publishers in Singapore. Sohn wrote his thesis under former UConn Professor **Kurt Haller**.

*Want to be featured in our newsletter? Submit your news and announcements to Caroline Cichocki at [caroline.cichocki@uconn.edu](mailto:caroline.cichocki@uconn.edu)!*

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## Noteworthy Achievements

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In July, Assistant Professor in Residence **Howard Winston** was awarded a patent, assigned to the Sikorsky Aircraft Corporation, titled "System and Method for Health Monitoring of Electrical Systems."

Professor of Physics Rainer Weiss of the Massachusetts Institute of Technology delivered the **[22nd Annual Katzenstein Distinguished Lecture](#)**. The title of his talk was "Exploration of the Universe with Gravitational Waves."

Andrew Millis, a professor of physics at Columbia University and co-director of the Center for Computational Quantum Physics at the Flatiron Institute, delivered the **[2018 Reynolds Lecture](#)** in March of 2019.

In April, Professor of Physics Paul Corkum from the University of Ottawa presented the annual **[Edward Pollack Distinguished Lecture](#)**. The title of his talk was "Attosecond Pulses Generated in Gases and Solids." The lecture is

supported by an endowment established in 2005 by the family of the late UConn Professor **Edward Pollack**.

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## Featured Event

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### 23rd Annual Katzenstein Distinguished Lecture

[\[Learn More\]](#)

Featuring Professor Dame Jocelyn Bell Burnell, Oxford University

Friday, November 8, 2019

3:00 p.m. Reception

4:00 p.m. Lecture

6:00 p.m. Dinner (RSVP required)

UConn Storrs campus

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#### More Upcoming Events



#### Alumni Links

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