

AirUCI News

Bringing you the latest from the AirUCI Institute

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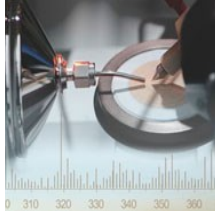
AUTUMN 2024



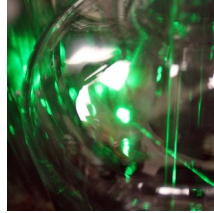
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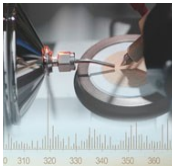
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We highlight our outstanding students in each issue.

Making a Difference



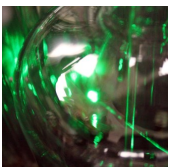
Jun Wu's dedication to environmental health issues makes her an oft-quoted expert in articles on a wide range of topics relating to the effects of pollution on human health. Her studies on reproductive health and the environment are the main focus of her research, but her expertise goes far beyond this field into such topics as pollution from wildfires, chemical plants, lead in soil and in water bottles, and more. [Read the full story](#)

Latest Research



AirUCI's Randerson, Czimczik, and Guenther groups have all published recent studies separately which point to decreased stability in boreal forest and Arctic ecosystems. Rising temperatures and increasing wildfires are altering the vegetation, with conifers being replaced by deciduous trees and shrubs which provide less insulation for the underlying permafrost. This threatens to release more carbon into the atmosphere. [Read the full story](#)

Spotlight on Faculty



Sarah Finkeldei is making great use of UCI's nuclear reactor, updating the facility for research into new materials for use in modern nuclear power plants as well as safer disposal of spent fuels. She's partnering to develop new isotopes for medical use and she's training the next generation of nuclear scientists. Her work is helping move us away from carbon based sources of energy to a new nuclear. [Read the full story](#)

News and Events



- 🌐 See NASA Astronaut [Tracy Dyson's video call to AirUCI from ISS!](#)
- 🌐 Join us in AirUCI's new [ZotFunder project](#)
- 🌐 AirUCI welcomes [Lyssa Freese](#), soon to join our faculty!
- 🌐 Faculty honors: [Carlton](#), [Shiraiwa](#), [Furche](#), [Stamenkovic](#)

For the latest information, go to our [News page](#) and our [Events page](#).

BTW: [Here's how you can help AirUCI make a difference!](#)

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