Seeking Graduate Students in Photonic Semiconductor Materials and Devices

- **CHIPS and Science Act of 2022**, a 21st century grand challenge, is creating mushrooming opportunities for students and researchers in semiconductor science.
- Study **Condensed Matter Physics as the University of Iowa Department of Physics and Astronomy** located in vibrant **downtown Iowa City**.
- How can we engineer electronic and photonic materials and interfaces to control and enhance the production, detection, and directionality of infrared light?
- Vitally important to sensing (environmental, medical, industrial, commercial), eye-safe lidar, defense applications, and quantum computing.
- Learn experimental techniques such as semiconductor epitaxial growth, microfabrication, ultrafast optics, optical and electronic setups; and theoretical bandstructure and optical simulation.
- Visit [https://jprineas.lab.uiowa.edu/](https://jprineas.lab.uiowa.edu/) to learn more!

Deadline for Application to University of Iowa Physics’ Graduate Program Jan. 15, 2023

Contact Professor John Prineas at john-Prineas@uiowa.edu

Nov 30, 2022