Seeking Undergraduate 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.

- How can we control electronic and photonic physical properties of 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!

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

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