Zhao Nano Lab | Department of Physics and Astronomy, University of Georgia

UNIVERSITY OF GEORGIA

GRADUATE STUDENT RECRUITMENT

Plasmonics & Metamaterials

Light–Matter Interactions at the Nanoscale

Join the Zhao Nano Lab to explore novel plasmonic nanostructures, metamaterials, and chiral materials for sensing, spectroscopy, and optical devices.



Future Research Projects



Nanostructured Plasmonics

Design of plasmonic nanostructures for ultrasensitive spectroscopy and sensing



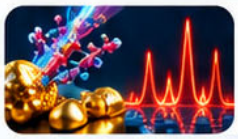
Chiral Materials & Metasurfaces

Chiral light–matter interactions, circular dichroism, and polarization control



Optical Metamaterials

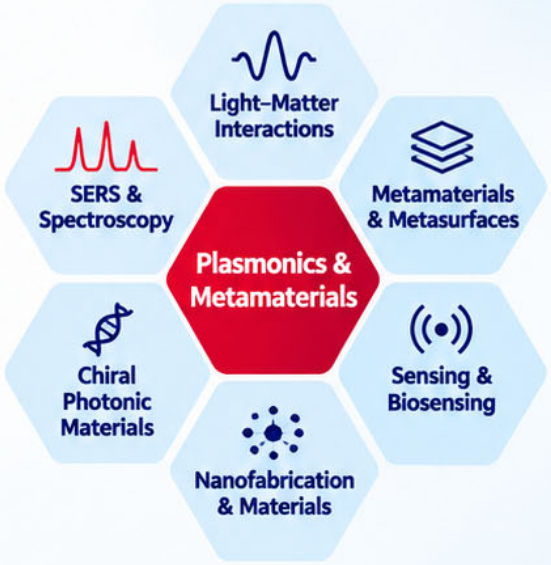
Engineered optical responses, wavefront control, and light manipulation



Plasmonic Sensing & Applications

SERS, biosensing, and chemical detection for health, environmental, and energy applications

Research Topics



Why Join Us?

- Cutting-edge, interdisciplinary research
- State-of-the-art facilities and instrumentation
- Supportive and collaborative team
- Strong publication and career development

We Are Looking For

- Motivated Ph.D. students
- Backgrounds in physics, optics, materials science, or related fields
- Interest in nanophotonics, spectroscopy, and optical materials

Apply Now

Learn more about our research and application at:

www.zhao-nano-lab.com