Research Opportunity in Experimental Quantum Chaos
Graduate Student RA Position

Experiments studying the physics of waves in chaotic and strongly scattering media. What are the effects of classical chaos on tunneling? Can we create ‘rogue waves’? Close collaboration with chaos theorists and many exciting opportunities for new experimental and theoretical work of relevance to quantum information and nano-electronics.

See Prof. Steven Anlage
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Research Opportunity in Superconducting Metamaterials
Graduate Student RA Position

Metamaterials – A collection of artificial ‘meta-atoms’ with designer electromagnetic properties that enable new manipulations of light

Our specialty – superconducting meta-atoms, including the Josephson effect and quantum effects

**Josephson metamaterials:**
- SQUID split-ring resonators
- Negative index photon amplifier
- Tunable metamaterials
- Negative index photon / SQUID entanglement