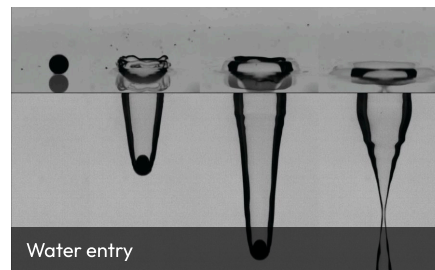
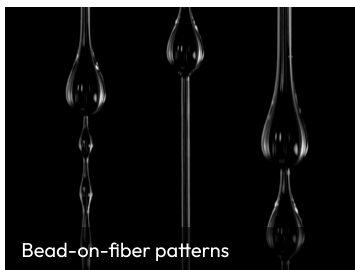
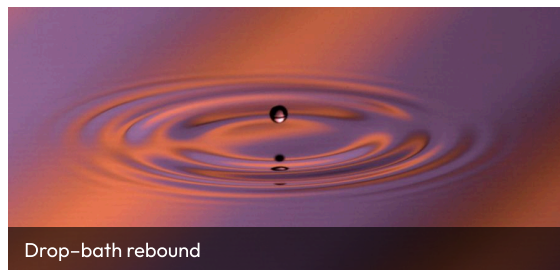




PhD positions in experimental fluid mechanics

GabLab is recruiting multiple PhD students to start in Fall 2027. Join a new lab that studies how liquids move, deform, and break apart.

Positions Multiple PhD students	Start date Fall 2027	Location Georgia Tech, Atlanta
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About the lab

GabLab, led by Chase T. Gabbard, studies interfacial flow in multiphase and complex media. We pair careful experiments and high-speed imaging with rigorous analysis to uncover the mechanisms behind drops, jets, films, and particle-laden interfaces.

Research directions

- Drop impact and rebound on liquid baths and surfaces
- Water entry and air-cavity dynamics
- Liquid sheets, bells, and jets
- Particle-laden and granular interfaces
- Bead-on-fiber flows and complex fluids

What you'll do

- Design and build your own experiments
- Capture fluid phenomena with high-speed imaging
- Connect your observations to theory and models
- Share your results in journals and at conferences

Who should apply

We welcome applicants with a background in mechanical engineering, physics, chemical engineering, applied mathematics, or a related field. Experience with experiments, programming, or fluid mechanics is helpful, but curiosity and persistence matter most.

How to apply

1. Apply to the PhD program through Georgia Tech Mechanical Engineering graduate admissions, and mention GabLab in your application.
2. Email Chase Gabbard at chase.gabbard@me.gatech.edu with your CV and a few sentences about the research you'd like to do.