



## Undergraduate Summer Research Opportunities at the University of Rochester

We have two positions for highly motivated advanced undergraduate students to join the Complex Flow group in the Department of Mechanical Engineering at the University of Rochester (UofR). More information can be found at <http://www.me.rochester.edu/~haluie/>

Our positions are part of a university-wide Summer Research Internship program. The positions are for 2 months, June and July 2020. Successful applicants will receive:

- Stipend
- Housing + meals are covered
- Immersion in a research environment, interacting with faculty, postdocs, and PhD students.
- Extracurricular activities with colleagues from other groups, including weekend field trips.
- Graduate school preparation, including GREs.
- Presenting your summer research at UofR's Summer Research Symposium end of July.

Founded in 1850, UofR is a highly competitive private research university which enrolls approximately 6,000 undergraduate and 3,500 graduate students. It has historical links to pivotal US social movements, including women's suffrage (Susan B. Anthony) and abolitionism (Frederick Douglass).

Fluids and Plasma research at UofR has a well-established collaborative group involving several faculty: Hussein Aluie, Riccardo Betti, Eric Blackman, Gilbert Collins, Adam Frank, Valeri Goncharov, Pierre Gourdain, Douglas Kelley, Lee Murray, Alice Quillen, Chuang Ren, Ryan Rygg, Adam Sefkow, Jessica Shang, and Thomas Weber. The department offers a friendly and stimulating research environment. We enjoy strong ties to a leading DOE fusion research facility, the Laboratory for Laser Energetics, which is adjacent to campus, and to the UofR medical school, one of the top in the US.

The city of Rochester is a thriving and affordable, low-stress, medium sized metropolis (metro area population ~1 million) with excellent public services and amenities. It enjoys a vibrant performing arts culture thanks in-part to UofR's Eastman School of Music, often ranked as the top music school in the US, and several small colleges that focus on the arts. For outdoors enthusiasts, there are many well-maintained parks that offer sanctuaries within the city and many gorgeous state parks that are less than a 1 hour drive. Many of the beaches along lake Ontario are within 15-30 minutes from the city, and the Adirondack mountains are within a 3 hour drive.

Eligibility: Candidates must be upper-level undergraduate students (junior or senior), although we will also consider more advanced students, such as at the Master level. Due to visa considerations, preference will be given to US citizens and permanent residents.

Potential candidates are encouraged to contact Prof. Hussein Aluie ([hussein\\*\\*At\\*rochester.edu](mailto:hussein**At*rochester.edu)) with inquiries and to express their interest in the position. Please attach a CV.