

Postdoctoral Researcher
Dynamic Imaging of Complex Fluids in Chemical Products

Start Date: January 1st, 2023

Term: 1-year contract with potential of renewal (maximum of 2 years)

Description: The Wirth Lab at Case Western Reserve University (CWRU) has an open postdoctoral research position in multiphase materials, advanced imaging, image processing, and rheology. The position will likely have an opportunity to work in roles on two main projects, one in high-speed imaging of drop impacts and one on the non-invasive imaging of a drying coatings. The postdoctoral researcher will lead efforts on computational and experimental flow field studies. In addition, fundamental studies measuring the interfacial properties of these materials will be conducted.

Qualifications: The applicant must have a PhD in Chemical Engineering, Physics, Materials Science, or related discipline before the start date and eligible to work in the US. Applicants with experience in imaging and microscopy of complex fluids, along with interfacial measurements are preferred. Applicants must be willing to mentor graduate students and work in a highly collaborative environment.

How to apply: Email Prof. Chris Wirth (wirth@case.edu). Please attach a complete CV and contact information for 3 references. BIPOC and women are strongly encouraged to apply.

Deadline: Applicants will be evaluated on a rolling basis until the position is filled. Promising applicants will be contacted via email for a Zoom interview. If you have any questions about the position, do not hesitate to contact Prof. Wirth.