

OPEN POSTDOC POSITION: Ewoldt Research Group, University of Illinois at Urbana-Champaign

A full-time post-doctoral researcher position is immediately available in the group of Prof. Randy H. Ewoldt at the University of Illinois at Urbana-Champaign (<http://ewoldt.mechanical.illinois.edu>).

The project will involve viscoplastic yield-stress fluids and nonlinear rheology, posing fundamental questions on how and why these materials range from ductile to brittle failure. A background in flow visualization, rheological measurement, complex fluid formulation, and structure-rheology modeling would be ideal. Interest in modernist cuisine and the science of food and cooking is a plus. The successful candidate is expected to bring enthusiasm, deep thinking, broad curiosity, excellent communication skills, and creativity to the project.

This industry-sponsored position is available immediately but could be delayed for the right candidate. This is anticipated to be a two-year position, with second year contingent on project performance and funding.

The successful candidate will interact with the corporate sponsor as well as other research groups supported by the sponsor at universities in the USA and abroad.

The University of Illinois at Urbana-Champaign offers an intellectually stimulating environment with excellent facilities. Particularly exciting is the opportunity for the candidate to interact with outstanding faculty on campus in the areas of soft matter, fluid mechanics, and solid mechanics.

To apply, please send CV, names of three references, and up to three representative publications to Mrs. Ruthie Lubkeman (lattina@illinois.edu) with Subject "**Ewoldt Group Postdoc: Viscoplastic**" For more information or questions, please contact Prof. Ewoldt (ewoldt@illinois.edu)