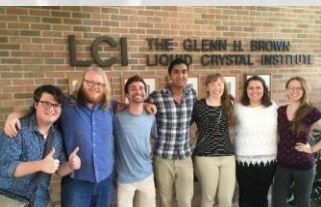


Summer 2019 NSF REU at CLEVELAND STATE UNIVERSITY: *Synthesis, Assembly, and Characterization of Soft Matter*



Trip to Liquid Crystal Institute at Kent State



14th Annual Northeast Ohio Undergraduate Research Symposium (CWRU; Aug 3, '17)



At Blossom Music Center

The departments of Physics and Chemical & Biomedical Engineering at Cleveland State University invite you join us in conducting cutting edge soft matter research. Build your research and scientific communication skills in a supportive environment by participating in our Research Experience for Undergraduates (REU) program, sponsored by the National Science Foundation (NSF).

Program Dates: June 3 – August 9, 2019 (tentative)

Projects: electron imaging of soft matter systems; design and characterization of protein-based materials; volume phase transition in polymer microgels; Janus particles; assembly of anisotropic nanoparticles; imaging of polymers on surfaces; microfluidic channels and mixers; optical study of cellular micro-sensation to fluid flow.

Support: \$5000 stipend (for 10 weeks; housing provided at no charge); up to \$500 travel funds to CSU; \$500 conference travel funds after completion of REU.

Eligibility: current undergraduate students who are US citizens and permanent residents. Underrepresented minorities and women are encouraged to apply.

Review of applications begins February 15, 2019

Contact: Dr. Kiril Streltzyk and Dr. Jessica Bickel, softmatterreu@csuohio.edu

Website: <http://www.csuohio.edu/sciences/physics/soft-matter-reu>

