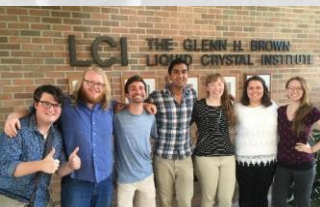


Summer 2019 NSF REU at CLEVELAND STATE UNIVERSITY: *Synthesis, Assembly, and Characterization of Soft Matter*



Trip to Liquid Crystal Institute at Kent State

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



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

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 microsenation 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.



At Blossom Music Center

Priority deadline February 15, 2019.

(Applications submitted by February 28, 2019 will be considered)

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

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

