



Summer 2025 NSF REU at CLEVELAND STATE UNIVERSITY: *Synthesis, Assembly, and Characterization of Soft Matter*

The departments of Physics and Chemical & Biomedical Engineering at Cleveland State University invite you to experience cutting edge soft matter research in a supportive environment of our Research Experience for Undergraduates (REU) program, sponsored by the National Science Foundation (NSF).

Program Dates: May 27 – August 1, 2025 (tentative)

Projects include: electron imaging of soft matter systems; design and characterization of protein-based materials; volume phase transition in polymer microgels; assembly of anisotropic nanoparticles; imaging of polymers on surfaces; microfluidic channels and mixers; DNA origami; microemulsions in absinthe; cellular microsensation to fluid flow; waste to energy via chemistry.

Support: \$6000 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.

Priority deadline February 15, 2025

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

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

Apply Here!



Trip to Advanced Materials and Liquid Crystal Institute at Kent State U.



Trip to NASA Glenn Research Center



At the APS CUWIP conference

