

Summer 2024 NSF REU at CLEVELAND STATE UNIVERSITY: Synthesis, Assembly, and Characterization of Soft Matter



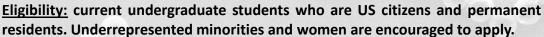
The departments of Physics and Chemical & Biomedical Engineering at Cleveland State University invite you to experience cutting edge soft matter research in a supportive environment of our Research Experience for Undergraduates (REU) program, sponsored by the National Science Foundation (NSF).

<u>Program Dates:</u> June – August 2024 (10 weeks)



<u>Possible projects include:</u> 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.

<u>Support:</u> \$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.



Priority deadline February 15, 2024

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



