

Opportunity: A postdoctoral position is available in the [Finzi-Dunlap lab](#) to investigate transcription regulation / nucleic acid-protein interactions relevant to chromosomal organization. Single molecule approaches are revealing fundamental details in the biophysics / biological physics / physics of living systems. This is an opportunity to conduct interdisciplinary work on topological and phase delimited reactions that drive emergent biological and biochemical behavior. The lab is equipped with microscopes for tethered particle motion, atomic force, magnetic tweezing, and correlative fluorescence and optical tweezing (C-Trap) experiments.

Qualifications: Candidates with a PhD in physics, chemistry, biochemistry, molecular biology, or a related discipline who are eager to develop and drive research projects incorporating single molecule approaches are encouraged to apply.

Salary: Salary and annual increments will depend on relevant postdoctoral experience and will be subject to performance review.

Duration of position: 2 year, renewable

Emory University is located in Atlanta, Georgia, which is also home to the Georgia Institute of Technology, Georgia State University, Kennesaw University, Gwinnett University, Historically Black Colleges and Universities, such as Clark Atlanta University, Spellman College and Morehouse University, and several other colleges and universities.

Emory is internationally recognized for excellence in science and was nationally ranked the 22nd best University in 2023, with Emory University Hospital ranked #1 in Georgia. The Physics of Living System program in the physics department at Emory has been ranked #10. Emory had almost \$900 M in total research funding in 2021 and is #16 for NIH funding in the nation. Emory has numerous Centers and Institutes, as well as several Core Facilities, whose partnership strengthens research across the university.

Interested applicants, should contact Dr. Laura Finzi (lfinzi@emory.edu) and/or Dr. David Dunlap (ddunlap@emory.edu) providing a curriculum vitae, the names and contact information of three scientists who can provide recommendation letters, and a description of motivation to join the lab. For more information about the group, please visit the web site (<https://physics.emory.edu/faculty/finzi/>).

We look forward to receiving your application and particularly welcome applicants from under-represented groups in STEM.