

PhD Fellowships in Soft Matter Research

PhD fellowships in [Soft Matter Research Topics](#) are available to students in several departments in Engineering, Physics and Chemistry at the University of Louisville. To be eligible for the 4-year fellowship (starting Fall 2022) that includes full stipend and tuition students must

1. Have an earned Masters degree by Fall 2022
2. [Apply for admission](#) to a UofL [PhD program](#) by ~January 1, 2022
3. Send a copy of your application to [Prof. Robert W. Cohn](#)
4. Note that Fellowships are competitively awarded & announced February 2022

Prof. Cohn offers positions in the Electrical Engineering PhD Program for students who are interested in studying the fundamentals of self-assembly of nanostructures from ultrathin polymer thin films, with potential application to large-area, high-rate roll-to-roll and wafer scale manufacturing of complete three dimensional multifunctional heterogeneous devices and metamaterials. The studies are primarily experimental and involve some near room temperature materials processing, UV lithographic patterning, and various analytical materials analyses including optical, electron and atomic force microscopies.

Students who prefer to pursue different Soft Matter topics or study in departments other than Electrical Engineering are encouraged to discuss these with Prof. Cohn, who will work to refer those students to appropriate professors.

Robert W. Cohn
Professor Electrical & Computer Engineering
Director ElectroOptics Research Institute
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Fellow Optica (formerly Optical Society of America)

ERINC
ElectroOptics & Nanotechnology