

INSTITUTE FOR BIOPHYSICAL DYNAMICS

Director

- Benoit Roux, Biochemistry and Molecular Biology

Professors

- Francisco Bezanilla, Biochemistry and Molecular Biology
- Sean Crosson, Biochemistry and Molecular Biology
- Aaron Dinner, Chemistry
- Gregory Engel, Chemistry
- Margaret Gardel, Physics
- Benjamin Glick, Molecular Genetics and Cell Biology
- Chuan He, Chemistry
- Stephen Kent, Biochemistry and Molecular Biology
- Anthony A. Kossiakoff, Biochemistry and Molecular Biology
- Ka Yee C. Lee, Chemistry
- Keith Moffat, Biochemistry and Molecular Biology
- Tao Pan, Biochemistry and Molecular Biology
- Eduardo Perozo, Biochemistry and Molecular Biology
- Benoit Roux, Biochemistry and Molecular Biology
- Norbert Scherer, Chemistry
- Tobin Sosnick, Biochemistry and Molecular Biology
- Andrei Tokmakoff, Chemistry
- Gregory Voth, Chemistry

Associate Professors

- Edwin Munro, Molecular Genetics and Cell Biology
- Ronald Rock, Biochemistry and Molecular Biology
- Michael Rust, Molecular Genetics and Cell Biology
- Bozhi Tian, Chemistry

The University of Chicago established the Institute for Biophysical Dynamics (<http://ibd.uchicago.edu/>) to meet the challenges of achieving a molecular-level understanding of the structure, diversity and function of biological entities. The Institute represents a new approach to scientific research at the interface between biology and the physical sciences, bringing together experimentalists, theoreticians, and computational scientists to forge a scientific culture of fluid exchange of ideas and collaboration across disciplines and among laboratories.

In addition, the Institute has established programs to involve undergraduate, graduate, and postdoctoral students in this new cross-disciplinary approach to science. Notably, the Graduate Program in Biophysical Sciences (<http://biophysics.uchicago.edu>) is designed to immerse graduate students in this culture of interdisciplinary research. Work by Institute faculty and researchers in their laboratories provides insights profoundly influencing endeavors as diverse as molecular-based computing and the treatment of illness at the bedside.

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