

Eli Lilly Fellowships in Biocomplexity 2008

Apply to the department of your primary interest at Indiana University, indicating your interest in the Eli Lilly Foundation Fellowships in Interdisciplinary Sciences sponsored by the Biocomplexity Institute, and also contact the

**Biocomplexity Institute
Indiana University
Swain Hall West 157
Bloomington, Indiana, 47405
bioc@indiana.edu
812.855.1304
<http://www.biocomplexity.indiana.edu>**

Fellowships are available to new and/or continuing Indiana University graduate students who are (1) trained in physical, mathematical and computational sciences, who wish to pursue further study in biomedicine, or (2) trained in biology who wish to pursue further study in quantitative sciences and to pursue careers in interdisciplinary, quantitative biosciences.

Eli Lilly Fellows in Biocomplexity will receive rigorous training in experimental biology as well as quantitative and computational sciences, and will conduct interdisciplinary research co-supervised either by faculty from multiple disciplines or by scientists from IU and industry. This training will provide solid skills in cross-disciplinary collaboration that are essential to translational biomedical research. Traditionally organized university programs simply do not allow for this multidisciplinary approach to research training; we believe the Biocomplexity Institute is uniquely positioned to respond to this challenge.

The Lilly fellows will be selected by a committee with representatives from all participating departments, working in close cooperation with existing graduate admissions committees. The fellowships will be awarded with the following priorities in mind:

- 1) To support promising students from *traditionally underrepresented backgrounds* who may not be admitted under the standard system.
- 2) To support students whose stated interests *cross departmental boundaries* and who therefore might fall outside the admissions criteria of individual departments.
- 3) To support students other than those reflected above who wish to pursue *interdisciplinary or academic-industrial research* that could not be funded from existing sources at IUB.

To encourage Fellows' initiative, the Biocomplexity Institute will also provide small competitively awarded research funds to support Fellows as they develop novel research projects with IUB and Medical School faculty, or with their faculty advisors and colleagues in industry. In addition to providing this type of cross-disciplinary training, the Biocomplexity Institute will contribute to support visits by the Fellows to scientific, clinical and industrial partners, participation in summer schools and workshops in important biomedical and interdisciplinary areas, and participation at appropriate scientific and industrial conferences.