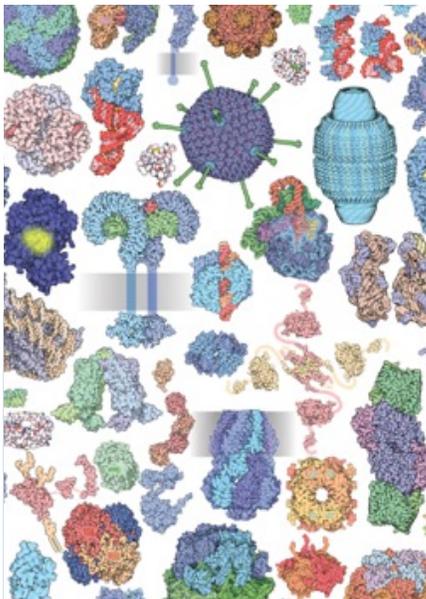
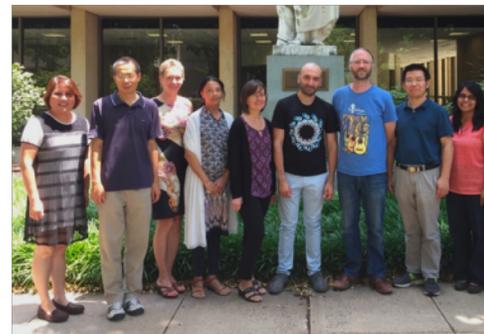


PhD in Biological Chemistry?

Join the RCSB Protein Data Bank Team at Rutgers, The State University of New Jersey



RCSB PDB (RCSB.org) is a world-renowned, scientific organization focused on serving technical, educational, and other programmatic needs of scientific and research communities worldwide. RCSB.org serves more than 1 million users in academia and industry. RCSB PDB creates leading web technologies targeted for scientific and educational audiences.

Deposition/Biocuration Services support Data Depositors who submit the results of their structural studies of biological macromolecules to the PDB. All data deposited undergo expert review. Each structure is examined for self-consistency, standardized using controlled vocabularies, cross-referenced with other biological data resources, and validated for scientific/technical accuracy.

Open position:

Biochemical Information & Annotation Specialist (Biocurator)

Curate, validate, and standardize macromolecular structures from the PDB community. Participate in exciting projects with significant impact on the scientific community.

Data archives are critical to research and education. They provide safe and secure storage of valuable scientific data, and ensure that information is freely available to the world.

Data curation is critical for these resources. In the case of PDB, data are carefully reviewed and annotated by wwPDB curators before public release. Expert curation of data coming into PDB is critical for ensuring findability, accessibility, interoperability, and reusability (FAIR).

Biocurators communicate daily with members of the deposition community, and annotate, publicly release, and update entries in the PDB archive.

wwPDB biocuration supporting open access to high-quality 3D structural biology data (2018) *Database* 2018: bay002 doi: 10.1093/database/bay002

The rewards of working as a data wrangler *Science Careers* doi: 10.1126/science.caredit.aaq0481

Knowledge and skills:

- PhD in Biological chemistry
- Background in 3DEM, small molecule crystallography, or macromolecular crystallography
- Experience with metalloprotein and small molecule data
- Knowledge of Linux computer systems and biological databases preferred

The successful candidate should be self-motivated, pay close attention to detail, possess strong interpersonal, communication, and writing skills, with the ability to handle multiple projects, shifting priorities, while meeting deadlines.

This academic position has state benefits and a faculty-level salary.

Apply:

<https://jobs.rutgers.edu/postings/84303>

Questions? info@rcsb.org



RCSB Protein Data Bank
Institute for Quantitative Biomedicine
Piscataway, NJ