

## About RCSB PDB

RCSB PDB is a world-renowned, scientific organization focused on serving technical, educational and other programmatic needs of scientific and research communities worldwide.

RCSB.org serves millions of users in academia and industry. The RCSB PDB development team, located at UCSD/SDSC and Rutgers, creates leading edge web technologies targeted for scientific and educational audiences.

## About Rutgers, The State University of New Jersey

RCSB PDB is located at the [Institute for Quantitative Biomedicine](#) at Rutgers in Piscataway, NJ.

[Rutgers, The State University of New Jersey](#), is a leading national research university and the state of New Jersey's preeminent, comprehensive public institution of higher education. Established in 1766, the university is the eighth oldest higher education institution in the United States. More than 70,000 students and 23,400 full- and part-time faculty and staff learn, work, and serve the public at Rutgers locations across New Jersey and around the world.

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## 1. Systems Administrator (Rutgers)

This position at the Institute for Quantitative Biomedicine (which houses RCSB PDB at Rutgers) is responsible for implementing specialized computational systems for researchers conducting cutting-edge science.

Applicants should have advanced, demonstrable, knowledge of OpenStack (Keystone, Horizon, Nova, Neutron, Cinder, Swift, Glance, Trove) and Docker/Kubernetes industry-standard cloud Computing.

Among the key duties of this position are the following:

- Performs planning and execution of hardware installations and upgrades, OS installation, service deployment, monitoring and support of various systems running on Linux.
- Establishes and maintains a stable, secure scientific computing environment to achieve maximum uptime.
- Responsible for problem identification and resolution, managing and documenting systems for multiple ongoing research projects, and coordinating daily operations with other IT staff within the organization.
- Ensures quality of service delivery through assessment of work processes and identification and implementation of improvements in the daily operations.
- Creates and maintains software tools for infrastructure management and orchestration; implements scripts and tools for automation of routine tasks.
- Supports multi-user computer, IT services, storage, networking, security, automation, and cloud deployment solutions.
- Plans and executes software and hardware installations and upgrades; troubleshoots clusters and servers and associated peripherals.

Apply at Rutgers: <https://jobs.rutgers.edu/postings/142426>