

# Systems Administrator/HPC Systems Engineer

## Systems Administrator/HPC Systems Engineer



Are you are looking for a job in which you can leverage your core Linux/Unix system administration skills, knowledge of computer architectures and/or scientific and parallel programming experience to help shape the development of high-performance computing (HPC) systems and services within a leading research university environment? Then look no further than Penn State University, Information Technology Services, Research Computing and Cyberinfrastructure (RCC). As a member of the RCC team, you'll have the opportunity to work with other HPC systems, programming and application support experts, research faculty and students to provide state-of-the-art systems and support services for computational researchers working in many disciplines.

As an HPC Systems Engineer, you will contribute to the design, implementation and ongoing operations of HPC clusters, database servers and other elements of an enterprise compute infrastructure for research. You will help to evaluate and implement parallel file systems, high-speed interconnects, STREAM processing, parallel compute architectures and related emerging technologies as they come to market. You will work with our HPC staff and research partners to help determine needs and implement appropriate HPC solutions.

Penn State strives to maintain a comprehensive and up-to-date cyberinfrastructure that enables faculty, students, and staff effectively to do computational research and improve their time to discovery. In order to do this, we need diverse, talented, goal-oriented programmers and systems staff who can implement the newest technologies available, flexibly and productively, in response to the evolving needs of the Penn State research community.

As a Penn State employee your total compensation will include access to Penn State's complete benefits package, including 30-36 days of paid time off each year, a 75% tuition discount, 80% subsidization of employee medical premiums, and the choice of either a state pension plan or a 403(b) with a 185% employer contribution. Few employers in our region can match the level of benefits available to Penn State Employees.

We're proud of the fact that we are on the forefront of technology in institutional support for computational research, and that our HPC professionals take pride in their work and continually strive to advance in their respective areas of expertise. If this sounds like an exciting opportunity and good fit for your career aspirations, we encourage you to apply.

### We hope you'll consider joining our team by completing the following steps:

- Visit [www.psu.jobs](http://www.psu.jobs)
- Click the "Search Jobs" link on the left side
- Scroll down and locate "Systems Administrator (HPC Systems Engineer)" - job # 24907
- Click on the job number to review the job description
- Click on "Apply Online" at the bottom of the listing to begin Penn State's online application
- Be sure to upload a resume and cover letter
- Please reference source code "BJCFAIR" in your cover letter

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