



RCC eNewsletter

December 2023

Winter Holiday Notice

As a reminder, FSU will be closed for the Winter holiday, starting Monday, December 18 through Tuesday, January 2. During this time, all systems will remain operational but RCC staff will respond only to urgent requests. We will resume regular working hours on Wednesday, January 3.

We hope everybody has a safe, fun, and *high-performance* holiday season!

HPC Software upgraded

During the first week of December, RCC staff performed an upgrade to the HPC. Specifically, we upgraded:

- the operating system on all HPC nodes from CentOS 8.3 to AlmaLinux 8.6
- our Slurm scheduler from v20.11 to v23.02
- the GNU GCC compiler from v8.3 to v8.5
- CUDA libraries to v11.8 and 12.1
- Anaconda (Python) to v3.11.5

We will publish a retrospective, along with a rundown of future plans, in January.

Python 3.11 and Anaconda 3.11.5 available

We have made Python 3.11 available through the **anaconda/3.11.5** module.

[More details »](#)

We're Hiring! Research Systems Administrator

The RCC is hiring a **Research Systems Administrator** - Responsibilities include writing scripts, modifying source code, installing software, managing our deployment system and developing databases.

[Apply Here »](#)

Spring 2024 Workshop Schedule

As part of our outreach and education initiative, we are partnering with FSU Libraries and the College of Education to deliver technical workshops to the FSU research community. Our Spring 2024 workshop lineup includes:

- [Feb 20 - All-day Python Bootcamp](#)
- [Mar 21 - Intermediate Python Workshop](#)
- [Apr 9 - High Performance Computing \(HPC\) Scheduler Workshop](#)

[Register for events »](#)

Research Spotlight: Bin Ouyang

Dr. Bin Ouyang, an assistant professor in the Department of Chemistry and Biochemistry, is using the HPC to develop new techniques in high throughput computing (HTC). The goal of this is to understand structural-property relationships and predictive synthesis of disordered energy materials better.

[Read the spotlight »](#)

Sustainable Green Team Updates

On November 21, the Sustainable Green Team worked to film a RIDER Center public service announcement with Insight Studios Productions, LLC.

[See the photos »](#)

On December 6, the team received FSU's sole 2023 Florida TaxWatch Productivity Award and one of only ten awards in the State, for Implementation of a Zero-Waste Data Center Facility. Now a partnership among faculty and staff for betterment of the FSU community, the team is comprised of members from the Center for Information Management and Information Services (CIMES), College of Education, Health and Human Services, FAMU-FSU College of Engineering Resilient Infrastructure and Disaster Response (RIDER) Center, and Information Technology Services Research Computing Center (RCC).

[Read the FSU News article »](#)

Mitch Gans has published a personal account of the entire story of the SGT,

including all actions and events leading up to this award.

[Read the story »](#)

Questions? We're here to help. Contact the ITS Service Desk at 850-644-4357 or help.fsu.edu.



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