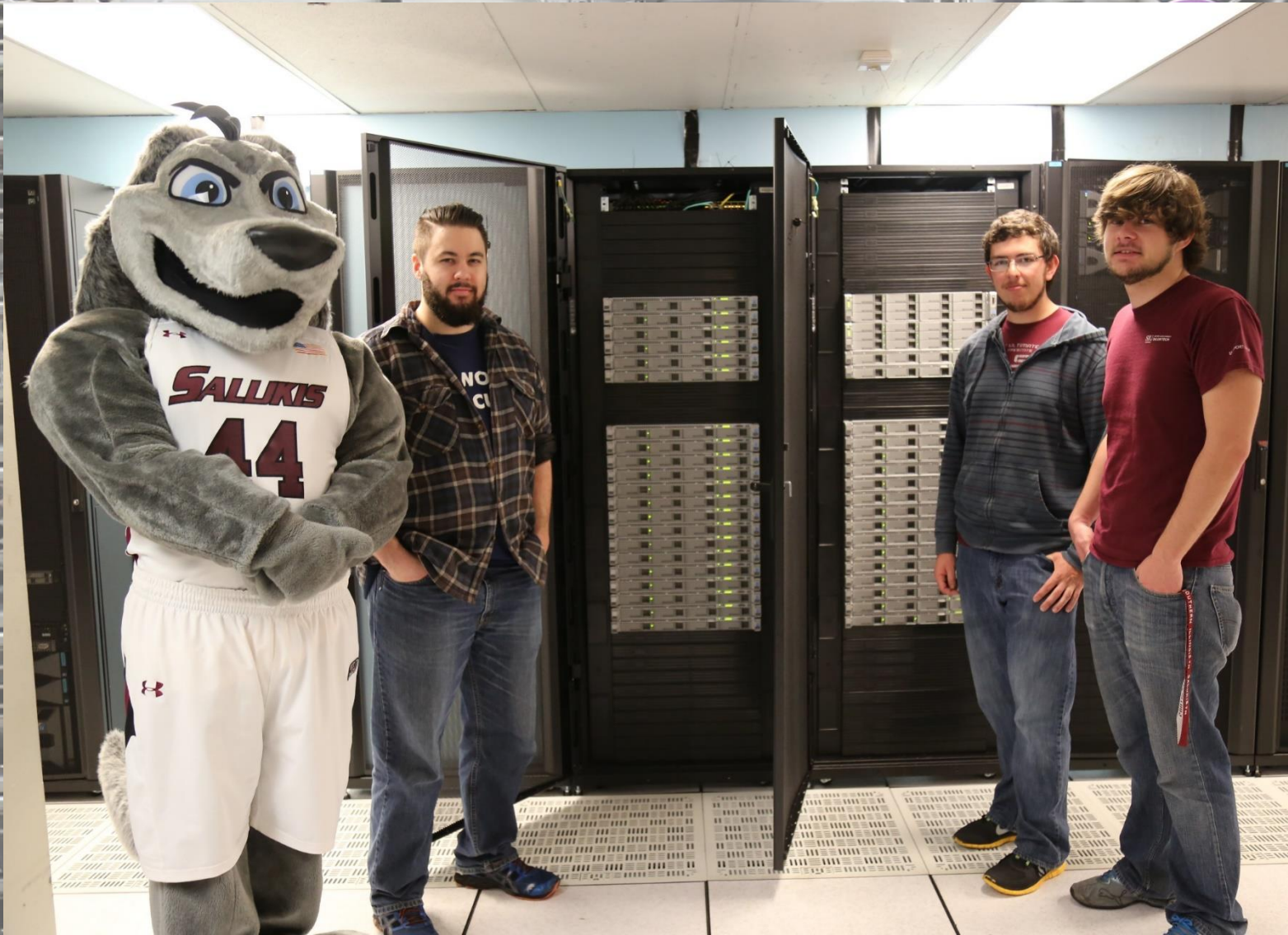


# An Introduction to SIU's BigDog High Performance Computing Cluster (HPCC)

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SIU ASA Symposium, October 15, 2016





# The BigDog Cluster

- It is a Rocks Cluster: <http://www.rocksclusters.org>
- It is part of XSEDE: <https://www.xsede.org/>
- It is an XSEDE Compatible Basic Cluster (XCBC):  
<https://www.xsede.org/resources/overview>
- It uses the SGE Scheduler:  
<http://star.mit.edu/cluster/docs/0.93.3/guides/sge.html>
- It has a lot of software: <http://bigdog.research.siu.edu/roll-documentation/xsede/>

# How to Access BigDog

- Get an account: <http://oit.siu.edu/rcc/bigdog/get-an-account.php>
- See how busy BigDog is: <http://bigdog.research.siu.edu/ganglia/>
- Login: `$ ssh <username>@login-0-0.research.siu.edu`  
(From on campus, only.)

# More about BigDog

- How to manually access a compute node: `$ qlogin`
- Ask for more software: <http://oit.siu.edu/rcc/services/general-request.php>

Questions?

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