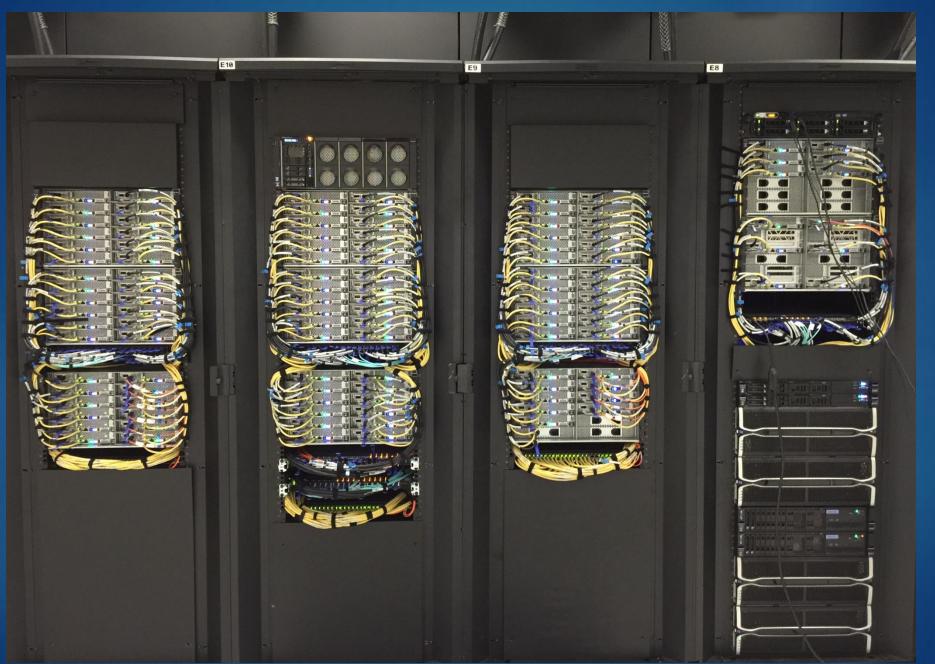- **Hopper?** – Named for groundbreaking computer scientist Grace Hopper.
- **Cluster?** – A collection of computers configured to work together.
- **Community?** – A joint effort funded with investments by:
  - Office of the Provost
  - Office of Information Technology
  - College of Science and Mathematics
  - Samuel Ginn College of Engineering
  - Roughly 25 Researchers and Research Groups

Speeds and Feeds

▶ 120 Nodes

▶ 2,000 cores

▶ 15 Terabytes of Memory

▶ 1.4 Petabytes of Disk Storage

▶ Infiniband Storage Network

▶ 102 Teraflops of compute capacity

▶ Bonus:

  ▶ Two nVidia Tesla K80 nodes

  ▶ Two Intel Xeon Phi 7120P nodes

The Real Strength of Hopper…

- ▶ Central Technical Support
- ▶ Infrastructure In Place
- ▶ Room to Grow
- ▶ Support from the Administration
- ▶ Researchers Define Usage Policies
- ▶ Researchers Pooling Resources

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