Overview:

• About ASU
• HPC Training in Higher Ed
• Questions and Challenges: ASU
• Conclusions

Marisa Brazil
RC@ASU Innovation
Arizona State University has become the foundational model for the "New American University", a new paradigm for the public Research University that transforms higher education. ASU is committed to Excellence, Access and Impact in everything it does.

**Interesting Facts**

- **Student Enrollment Statistics in Fall 2014**
  - Undergraduate: 67,507
  - Graduate: 15,784

- **90+ Online Degrees/Certificates Offered**

- **3.41** Average high school GPA for first-time freshmen in 2014 fall semester

- **42%** First-generation Arizona college students

- **500+** Number of classrooms on all four campuses

- **81,424 Solar panels producing more than 24MW**

- **2,355** Tons of waste diverted from landfills in 2014

- **1,000+** Clubs and organizations. It's easy to find people who share similar interests.

- **130+ Countries are being represented by international students**

- **6,500** Organ pipes can be found on the Tempe campus

- **205** Elevators

- **7,012** Freshman New American University Scholars

- **13,750** Bicycles on campus daily

- **19** Subspecies of rattlesnake on display in the ASU Living Collection

- **1.1 Million** Student public transit rides

- **4,600** Daily intercampus shuttle riders

- **175** Number of ASU tour guides who are experts at walking backward

For more information, check out ZeroWaste at [https://cfo.asu.edu/zw-publications](https://cfo.asu.edu/zw-publications)
The magnitude and scope of training

Visibility of the training scope

Actual scope
Questions

WHAT are your organizational training needs?
- Determine who your audience is and assess your needs based on the resources you already have.

WHY is training important?
- Recruit and retain skilled workforce, cultivate skilled and diverse customer base, remove barriers to entry.

HOW do you deliver training?
- Classroom, online, hands on, self study, guest lecturers, documentation and other resources.

WHO will champion your training program and drive the University’s objectives?
- Educational institutions need to invest in an owner for their training initiatives.
Challenges

• Budgets
• Reaching users across all disciplines
• Identifying resources
• Marketing
• Delivery
• Meeting user needs across all levels
• Need central repository for shared resources
RC Training at ASU

- Established a faculty working group to identify training scope
- Partnering with vendors to provide technical training
- XSEDE – held well attended XSEDE program at ASU 2 years ago
- Research Computing Seminar Series
- Workshops
- Academic credentials
- Outreach
- Marketing
- Staff resource
Interested in sharing ideas and resources?

Contact me!

Marisa Brazil
Program Manager
ASU Research Computing

Email: marisa.brazil@asu.edu
Follow us on Twitter: @ASUHPC

Go Sun Devils!