CI Milieu (Mafia, Peeps, Homies)

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Are You Lonely?

- I was….
- How many at your institution do what you do?
- You're already ahead since you're here!
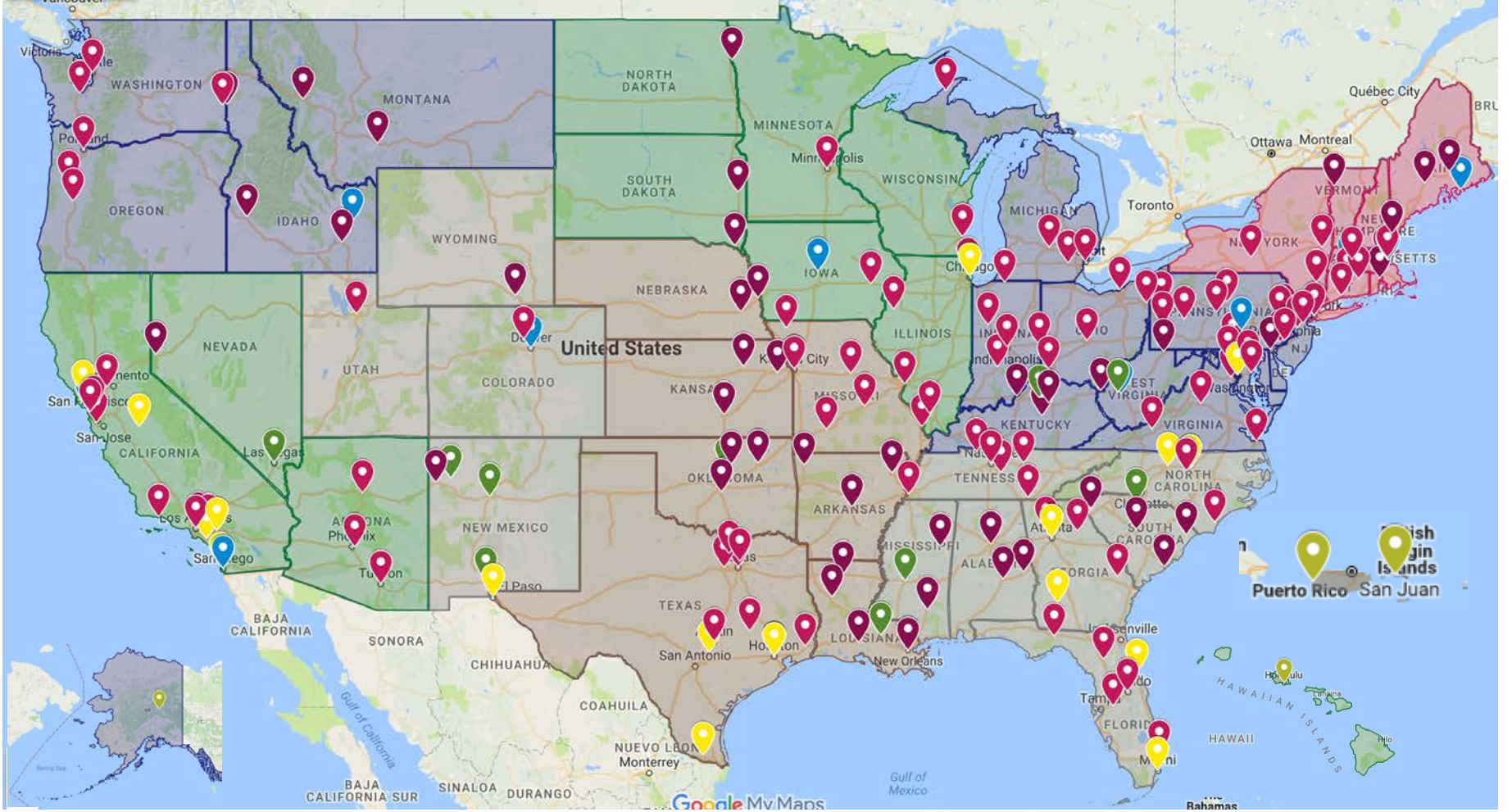
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Why, What, How?

- When Google can't help
- Communities of Practice
- Some organization exist around a specific element (hardware, training, etc)
- Various rules for membership

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Champions – the "breadth" group

- 349 champions from 218 institutions -FREE to join with letter of collaboration

- Funded via XSEDE project (but no longer XSEDE focused)

- All flavors of campus research computing professionals (directors, sysadmins, user support, trainers, coordinators, etc)

- Plus new "affiliates" – from organizations that serve the larger community (XSEDE, Internet2, Globus, BDHubs, National Centers, etc.)

- https://www.xsede.org/campus-champions

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The Carpentries

- Volunteer instructors teaching basic lab skills for research computing (over 450!)
- Collaboratively developed lessons (over 200 people contributed to 2016.06 version)
- Research based pedagogy & instructor training certification
- HPC Carpentry efforts ongoing
- https://software-carpentry.org/join/
- Stay tuned: Friday 9am panel

CASC

- Coalition for Academic Scientific Computing
- "HPC Directors club"
- 86 member institutions
- Federal Relations
- Meets 2x per year usually in DC area.
- $4K/year to join
- http://casc.org

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- 2013 NSF funded project (mentioned earlier by Henry)
- Advanced Cyberinfrastructure Research & Education Facilitator Work with users -- researchers and educators -- to help them improve their research and/or education productivity using advanced cyberinfrastructure.
- Funded ACI-REFs at 6 institutions:
  - Clemson U
  - Harvard U
  - U Hawai'i
  - U Southern California
  - U Utah
  - U Wisconsin
- Lots of interest in this led to…

CaRC

- Campus Research Computing Consortium
- NSF funded Research Coordination Network with 28 collaborating institutions
- https://www.nsf.gov/awardsearch/showAward?AWD_ID=1620695
- Surveyed community to understand challenges and values.
- Charter passed and Council elected July 9.
- Aim is to develop ways for more to join.

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XSEDE Level 3 Service Providers

XSEDE Service providers forum are provide services and resources:

- Level 1: Fully integrated into XSEDE allocations system (e.g. Stampede, Comet, Bridges)
- Level 2: Partially allocated by XSEDE (e.g. Xstream, Supermic, OSG,SGCI)
- Level 3: Provide something to someone, somewhere (OU, OSU, KSU, MSU, YOUR NAME HERE)

Benefits: Get to hang out with Dan Stanzione every 2 weeks and here about what the big centers are up to.

- https://www.xsede.org/web/site/about/governance/spf
- Join via letter requesting to join – examples available

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Comprehensive? List

- Campus Champions : Large, active, free, lots of in person meeting opportunities
- ACI-REF: Small, not taking additions, unknown status
- Software/Data Carpentry: Large, active, free (can also become instructor under some circumstance)
- CASC: Smallish, in person meetings, $4k
- XSEDE Level 3 service providers: Small, free, biweekly meetings
- ACM SIGHPC (+ chapters): Large, Inactive, cheap (get good discount on SC registration)
- International HPC training forum: Small, mid-active, free (workshop at SC)
- State/Regional Collaborations (e.g. OneOCII) The more the merrier
- Plus lots of other sorts of things that people talk about

Inspiration

"Never doubt that a small group of thoughtful people could change the world. Indeed, it's the only thing that ever has."

Margaret Mead

"Far and away the best prize that life offers is the chance to work hard at work worth doing."

Theodore Roosevelt

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Thanks!

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Campus Champions
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