

# Emerging Centers call #17 March 21

**Emerging-Centers Track** (third Wednesdays)

*Wednesday, March 17, 2021, 12p ET/ 11a CT/ 10a MT/ 9a PT*

**An Emerging Centers community call to highlight different institution's experiences in supporting, promoting, and advancing RCD**

Panelists: Jason Wells, Bentley University; Doug Jennewein, University of South Dakota and Arizona State University; Lauren Michael, University of Wisconsin at Madison

Susan Ivey, Research Data & Infrastructure Librarian, NC State University Libraries, leads a panel of Emerging Centers 'Experts' who will share their experiences and lessons learned which may be applicable to the development of coordinated approaches to supporting RCS/cyberinfrastructure in YOUR organization. These 'experts' from our community, who have different, yet similar, experiences, and come from a variety of institutions and will address questions such as:

- Can you describe the processes for planning, developing, and implementing a coordinated approach/model to supporting RCD/ cyberinfrastructure at your organization?
- Who was involved in the planning and development? What was their time commitment?
- What steps were taken, from brainstorming to implementation of an initial iteration to future prioritization?
- How did you prioritize needs and requesting of new staffing resources?
- What are the main goals of this model?
- Did you collaborate and coordinate with any existing units when planning? How do you ensure that new services support/compliment existing services
- what does the reporting structure look like for new positions (how did you decide which units these positions would be placed, for example)?
- What types of advisory and/or governance structures are in place?

Send questions or comments to the [ec-coordinators@carcc.org](mailto:ec-coordinators@carcc.org)

The call will take place via the Zoom links below (Please note the new link):

<https://utah.zoom.us/my/carcc?pwd=TjFuR3VVM2d5eE5zWnEvWWxDTFBCUT09>

Meeting ID: 824 051 8198

Password: 31415926

One tap mobile

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Join by Skype for Business: <https://utah.zoom.us/skype/8240518198>

**Please be aware of our CARCC Code of Conduct:**

<https://carcc.org/about/carcc-code-of-conduct/>

**Slack invite link:**

[https://join.slack.com/t/carcc/shared\\_invite/enQtNzUyMDcwMTAxNzQ2LWMzMmVkMWE1YjM0OGVhNWY2YTJjOTcyZmI3M2FiYzg0MGRIMjlwYWVIMmU0OTZiOWQxY2Y2YTJlYjQ3YzQ1YjU](https://join.slack.com/t/carcc/shared_invite/enQtNzUyMDcwMTAxNzQ2LWMzMmVkMWE1YjM0OGVhNWY2YTJjOTcyZmI3M2FiYzg0MGRIMjlwYWVIMmU0OTZiOWQxY2Y2YTJlYjQ3YzQ1YjU)

Topics for Future Calls? Are any of these topics of particular interest to you? If yes, please consider facilitating the call by putting your name next to 'Facilitator(s):'

- New Track 2 Resources (Jetstream2, Anvil, Bridges2)
  - Facilitators: David Hancock, Carol Song,
- Cloudbank representative
  - Facilitator(s):
- Storage Issues (cross-track call)
  - Facilitator(s):
- Month TBD (multi-sessions?):
  - Budgeting Re-visited
  - Facilitator(s):

**Sign-In (Name / Affiliation / Email):**

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#### Notes/Questions:

We are recording this session. It will be posted on the YouTube channel (will send/post link).

#### Jason Wells

- It's important to communicate what research computing is to Leadership; strategic plans are helpful for updates to these groups; can get budget into these and use stories to illustrate RCD's importance
- Metrics and value of research computing: KPIs,
- Dollars in external grants / researcher using RCD at institution - compelling metric for describing performance
- Cloud computing (data center to be shut down) - benefits from flexibility/cost control
  - Expense for storage is high
  - Agreements are critical - ingress/egress fees, impacts on speed of retrieval (Internet2 Net+ one route)

#### Doug Jennewein

- Research Computing group at U South Dakota: currently 3 FTE and 1 student at 20hr/week
- HPC got its start in 2003 and Med School became interested
- Eventually branched out and prepared 2 smaller universities

- 2019 partnered on a CC\* grant
  - Lots of people and researcher efforts (facilitators, staff, research-facing)
- Building awareness, facilitation, and training: important to build literacy
  - Carpentries is one way they are doing this
- Also providing outreach to community

#### Lauren Michael

- 2011 report highlighted there are multiple research computing facilities, none serving all of campus
- “Human side” of research computing needed work/lacking; needed more storage support
- The 2012 Advanced Computing Initiative came from this
  - More coordination among service providers
  - Centralized HPC
  - Determine what to do about cloud, large datasets, visualization
  - A needed researcher-facing side
  - And there needs to be a research computing office= ACI Faculty Director + Cmte
- Now have a sort of campus grid; can also send jobs to Open Science Grid
- Implemented Research Computing Facilitation
  - Meet with every new researcher who is interested in research computing
  - “Teach to fish” approach-- e.g. walk through troubleshooting
  - Facilitators should be designated, dedicated, and deliberate
- High throughput computing was critical for humanities, social sciences, life sciences
  - Even true for more traditional users (eng and physical sciences)
- Where they are today:
  - CHTC evolved into core center serving all of campus
  - ACI fizzled 2017/18 due to some reorganization and governance
  - CI facilitators all over campus