

**NTNC 2019 Steering Committee meeting**  
**2019 01/31 – 02/01**  
**The Graduate Hotel, Minneapolis, MN**

Introductions were conducted.

Logistics:

1. Tonight's dinner: Meet in the lobby at 6:40 for the hotel shuttle. Marc and a few others can drive, if needed.
2. Thanks to U of M for the swag.
3. If folks need to stay longer, the hotel will honor the conference room rate.

Bernie provided a brief overview of the U of M's IT organization model and current initiatives. Two-factor authentication is required at the time an individual's password is to be reset. About a third of the university's IT staff are centralized staff; 23 business services are centrally provided, and the university community is encouraged to use them instead of seeking different solutions, with the assistance and guidance of the university's technology council. Collegiate units are the University's revenue generators and pay for centralized IT services through an annual headcount assessment as part of the IT Cost Pool.

Committee membership changes:

1. Steering Committee
  1. Idaho: unknown
  2. Montana: Renae Scott
  3. Nebraska: Greg Gray and Andrew Buker, [abuker@nebraska.edu](mailto:abuker@nebraska.edu)
  4. Oregon: Matt Riley
  5. SD: Ryan Knutson
  6. Wisconsin: Lois Brooks and Jeanne Skul
2. Technical Committee
  - A. I2: Rob will provide the info of the new reps
  - B. Iowa State: remove Paul Lustgraaf
  - C. Montana State: remove everyone
  - D. Nebraska: Erik Schmersal, [eschmersal@nebraska.edu](mailto:eschmersal@nebraska.edu)

NTNC map review:

Rob, Marc, Jonah and Matt will discuss potential updates to Oregon and Washington, as well as to connections to other parts of the country.

Review of 2018 summer meeting:

Efforts for inclusion of Tribal Colleges are in process.

Computational Research and Networks Discussion with Charles Nguyen (Polar Geospatial Center) and Jim Wilbenbusch (MN Supercomputing Institute).

#### I2 update with Rob Vietzke:

1. RUS ReConnect Program Summary: It is a narrow opportunity – must find areas not currently served, that will make for the backbone of a grant proposal. The grant applications are due 4/29/19, grant & loan applications are due 5/29/19, and loan applications are due 6/28/19. Rob will send info to the group. Kim will reach out to AIHEC about this opportunity.
2. I2 Next Generation Infrastructure project update: Rob provided a presentation.

GPN and their relationship to NTNC with James Deaton and Marc Wallman: presentation provided.

#### Summer meeting planning:

1. Location: Fargo.
2. Time: middle of July.
3. Agenda items will include:
  - A. We'll encourage participation of partner/peer institutions.
  - B. Invite proposals for FIONA nodes @ apprx. \$20,000?
  - C. Supply PerfSonar for some Tribal Colleges @ apprx. \$1,500, and set up a demo with a Tribal College or provide a technical session at the meeting?
4. HPC involvement: we'll invite HPC folks from various institutions for 1-2 sessions. The Executive Committee will coordinate.
5. AIHEC/Tribal collaboration: Kim Owen, Bob Stovall and Dave Lois will coordinate – they will finalize plans through discussions with the Executive Committee.

Bylaws: available on the NTNC website.

#### Financial report:

1. A high-level report was provided by Marc. A detailed report will be provided at the summer meeting.
2. What is the minimum/maximum balance with which we are comfortable?

Shared calendar? CeCe will check with Gordy Pace re such a resource for the various states to include their events/activities.

#### State reports:

1. ND: were defunded. Waiting for legislative action.
2. SD update from Claude provided by Greg. Moving to 100 GIG. SD Board of Regents considering Zoom. SD data store is being implemented via an NSF award. USD and SDSU are starting DUO rollout.
3. MN: CC\* cyber team grant proposal is being worked on, with the focus being to first look for what are the actual impediments to the collaboration of research and work on them. Sponsoring two CC\* grant proposals for two small awards. The state has announced that Google will do a data center in Becker, MN, which means Google will bring its backbone to Minneapolis. Helping with the SD upgrades. Will hopefully have a router in Fargo by next year.
4. WA: progress made stabilizing the NT path since the summer meeting. Currently considering how to upgrade the optonics on that system. Working with AT&T on IRU extensions.

5. NE: finishing up a common wireless experience university-wide. Will turn off the old SSIDs after commencement in May. Looking at possibly changing from Cisco to Aruba university-wide. VPN consolidation is being considered. Reorganization in central IT is underway.
6. I2: there are two more 100Gig connections: Seattle-Fargo-Mpls-Chicago is one.
7. MI: the merger of the two optical systems is moving well – they are interconnected, but not everywhere yet. Working on figuring out what to do with the IRUs expiring within the next few years. Over 200 schools participated in the Governor’s cyber challenge. Started an IPv6 readiness program a year ago, and training is underway. ORION would be interested in attending the summer meeting - other organizations from Canada would probably also be interested. The LTE network is being expanded through the Upper Peninsula.
8. WI: new CIO at U of WI has completed some reorganizations. A campus wide internal advisory group is looking at central IT in terms of additional organizational changes to create efficiencies. Financial restructuring is underway. An Identity and Access Management program is underway for a single sign-on across campus. An external review of the university’s network is being coordinated. A common communication platform is being considered. WiscNet might become a part of BoreasNet.
9. OR: a lot of the funds spent on IT at the University of Oregon is on decentralized IT. A new core network configuration was recently completed, and a firewall solution is being implemented.
10. UND: report provided by Madhavi. Recently upgraded its core network. UND recently decided to outsource its ResNet.

Meeting adjourned.