NSF Program: Campus Cyberinfrastructure (CC*)

Program Area:
Cyber Team

Award Number:
1925681

PI: Timothy Middelkoop

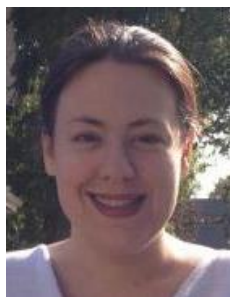**co-PIs**: Daniel Andresen, Carrie Brown, James Deaton, Douglas Jennewein; **SPs:** Kevin Brandt, George Louthan

Project Title: CC* Team: Great Plains Regional CyberTeam

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Quad Chart for: *The Great Plains Regional CyberTeam*

Challenge:

Supporting computational and data-intensive research at under-resourced institutions in rural states is challenging.

Rural states have:

- Sparse populations
- Fewer trained CI staff
- Smaller research output
- Less participation in national CI community.

Broader Impact:

- Drives CI development and adoption in EPSCoR States
- Enables advancements on campuses currently underserved by advanced CI
- Develops and disseminates CI best practices for an effective CyberTeam

Approach:

- Bring CI expertise directly to rural campuses.
- Cross-institutional distributed support team with 4 key foci:
  - **Networking**
  - **System Administration**
  - **Security**
  - **Researcher Training and Outreach**
- Leverages existing collaboration model of regional networks
- Pairs regional mentors with mentees and students
- Onsite campus engagement focused on enabling specific science workflows