



NSF Campus Cyberinfrastructure PI and Cybersecurity Innovation for Cyberinfrastructure PI Workshop

October 3-4 | Albuquerque, New Mexico

NSF Program (either CC or CICI):

Program Area: CC

Award Number: 1659142

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co-PIs: David Angelini, Andrea Tilden, Bruce Segee, Charlie Wray

Project Title: CC* Network Design: Network Infrastructure to Support Computational Biology, Computational Science, and Computing Across the Curriculum



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Quad Chart for:

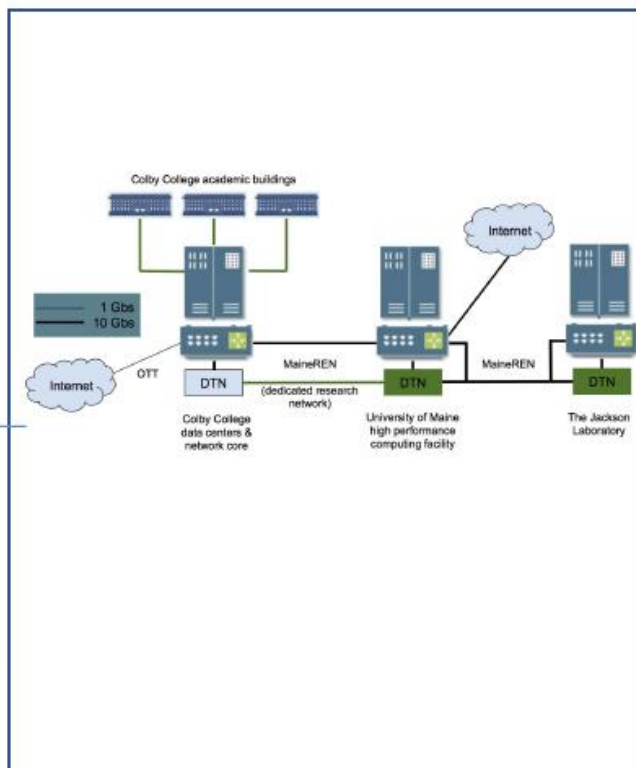
CC Network Design: Network Infrastructure to Support Computational Biology, Computational Science, and Computing Across the Curriculum*

Challenge:

- Create a high-bandwidth dedicated research network linking Colby College, the University of Maine, and Jackson Laboratories.
- Make use of the network in a classroom/lab environment
- Enhance research projects at Colby

Solutions:

- Upgrade the Colby campus network all the way to the classroom.
- Install hardware to support dedicated 10GB networks and data transfer
- Add a Maine Research Network point of presence on the Colby campus



Broader Impact:

- Enhance scientific collaboration between the institutions
- Provide students with in-lab access to state-of-the-art data analysis and computing resources
- Provide a model for multi-institution collaboration and research

Metadata tag:

- *<Ready for transition to practice!>*
- *<Need collaborators!>*
- *<Student engagement>*