

# Institutional Learning – Building Science DMZs

Scott Valcourt

University of New Hampshire

sav@unh.edu

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# University of New Hampshire

- Land Grant, Sea Grant, Space Grant public university of the state of New Hampshire
- CC-NIE (1340972) Science DMZ for UNH
- CC\*IIE (1440661) with Saint Anselm to design and guide the creation of a Science DMZ
- CC\*DNI (1541430) CI Engineer for UNH



## ConnectNH Service

- New Hampshire DWDM network serving University System of New Hampshire (5 institutions), Community College System of New Hampshire (9 facilities), Saint Anselm College, several CAIs including State Police
- With Saint Anselm College, first US UCAN site collected by UNH under the SEG-P agreement



# Key Factors in Building Science DMZs with Small Institutions that we learned

- Existing Network Design
- Existing Network Operations – not local to campus
- Local Expertise / Regional Expertise
- Researcher Attitudes
- Politics and the Science DMZ / Scalability (The 1%)
- Sustainability
- Knowledge of Grant Landscape
- Fear of the Unknown / Different



# What Should We Do In The Future?

- Increase Outreach to Small Institutions
  - Broadening The Reach Workshops
  - ACI-REFs
- Encourage Large Institution / Small Institution Partnerships for Science DMZ Construction
- Publish examples of Small Institution Science DMZ Designs
- Create a small institution BOF / Affinity Group (maybe through The Quilt?) to exchange ideas

