Advanced Cyberinfrastructure – Research and Education Facilitator (ACI-REF)

Barr von Oehsen

Executive Director, Cyberinfrastructure Technology Integration, Clemson University

Science and Outreach Lead, The Condo of Condos Project

Condo of Condos Phase I Members

Condo of Condos Phase II Members

Project Vision

Advance our nation's research & scholarly achievements through the transformation of campus computational capabilities and enhanced coupling to the national infrastructure.

Condo of Condos project seeks to:

- Create a campus based community that fosters seamless integration of cyberinfrastructure and domain researchers

- Develop the expertise base across member campuses to support information sharing and to facilitate the formation of extended local and national collaborations

- Expand the reach of research involving advanced cyberinfrastructure across campuses

- And with CIO-level commitment from partner campuses, executive support for participation ensures long-term sustainability of the project

Project Goals

- Increase total number of campus ACI users
- Increase diversity of research groups using ACI resources on each campus
- Develop outreach strategies to engage the "long tail" of researchers
- Develop data science practitioners
- Develop a plan for enabling other institutions to join the consortium
- Develop sustainability mechanisms for sustaining project momentum
- Provide technical coordination to allow researchers to focus on science outcomes and not technology

Project Overview

- $5.3M 2-year award
  - 2 ACI-REFs at each campus
- Strategic Direction - Jim Bottum
  - Steering Committee: John Towns, XSEDE; Greg Monaco, GPN; Glenn Ricart, US Ignite
- Chief Scientist - Miron Livny
- Science Outreach - Barr von Oehsen
  - ACI-REFs - 2 FTE funded at each site
- Technical Integration - Jim Pepin
  - "Tiger Team" Support – Technology Integration