



# **Cyberinfrastructure**

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# Cyberinfrastructure (CI) History

- **NSF Atkins Report – 2003**
  - **<http://www.nsf.gov/od/oci/reports/atkins.pdf>**
  
- **NSF Office of CI – 2005**
  
- **EDUCAUSE Campus CI initiative – 2006**



# EDUCAUSE

- **Represents campus IT leadership**
  - **2,100 universities and colleges**
  - **16,500+ active members**
  - **Supports several major Initiatives**
  
- **Net@EDU**
  - **Networking policy (federal level)**
  - **Identity Management**
  - **Converged Communications**
  - **Campus Cyberinfrastructure**



# Campus Cyberinfrastructure (CCI)

- **CCI Governance:**
  - **Steering Committee with co-chairs**
    - **Identifies and suggests initiatives to Working Group**
  - **Working Group (72 members)**
    - **Develops adopted initiative concepts**



# CCI Leadership

- **2 Co-chairs**

- **Guy Almes**

- **Director, Academy for Advanced Telecommunications & Learning Technologies, Texas A&M University, College Station, TX**

- **Patrick Dreher**

- **Director, Advanced Computing Infrastructure & Systems, Renaissance Computing Institute, Chapel Hills, NC**



# CCI Leadership (con't)

## ■ Steering Committee

### ■ Jim Bottum

- Vice Provost for Computing and IT & CIO, Clemson University, Clemson, SC

### ■ Sue Fratkin,

- Consultant, Fratkin Associates, Washington, DC

### ■ Jim Pepin,

- Chief Technology Officer, Clemson University, Clemson, SC

### ■ Bonnie Neas,

- VP for IT, NDSU, Fargo, ND



# CCI Leadership (con't)

- **Working Group Chairs of Current Initiatives**
  - **Klara Jelinkova (elevator speech)**
    - **Duke University**
      - +Dorette Kerian, UND, member
  - **Paul Killey (data center models)**
    - **University of Michigan Ann-Arbor**
      - +Bonnie Neas, NDSU, member



# CCI Working Group Current Activities

- **Defining Cyberinfrastructure for Campus Leaders (elevator speech)**
  - **Goal - develop a series of tools that will help CIOs educate campus administrators, faculty and researchers on the concept of why CI is important to a higher education institution.**
    - **Klara Jelinkova, Duke University**
  
- **Business Models for Data Centers**
  - **Goal – summarize the challenges and opportunities focused on developing and supporting data centers on campus**  
**Paul Killey, University of Michigan Ann-Arbor**
  
- **Further information provided through human networking with colleagues and CI professionals at EDUCAUSE meetings, publications, and surveys**



# Human Networking Events

- **CI Summit to solicit best ideas and strategic directions, July 2007**

<http://www.educause.edu/cisummit>

- **Meeting with Federal Funding Agencies (TBD)**



# In the Future

- **Business Plans and Strategies for Storage, Communications, and Workforce Development**
- **Outreach to Federal Funding Agencies and Academic Disciplinary Organizations**



# Resources

**Net@EDU CCI Working Group**

<http://www.educause.edu/CCI>