

NECC Annual Meeting

North
East
Cyberinfrastructure
Consortium



Welcome

Delaware
EPSCoR

INBRE
Delaware

Karl V. Steiner
2012 Annual NECC Meeting,
Newark, Delaware – March 16, 2012

University of Delaware – History

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- **Founded as a Free School for Clergy in 1743**
- **Three of the initial class students would end up signing the Declaration of Independence**
 - Thomas McKean, George Read and James Smith
- **A Women’s College opened in 1921**

Today:

- **1,131 full-time faculty positions**
- **21,489 students**
- **147 undergraduate programs**
- **54 doctoral programs**



University of Delaware – Facts

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- **Top 100 institutions for Federal Science and Engineering Obligations (*without its own medical school*)**
- **Among 96 Carnegie Foundation**
 - “Research Universities with Very High Research Activity”
- **Nationally ranked Top-10 graduate programs**
 - Chemical & Biomolecular Engineering, Art Conservation, Physical Therapy
- **\$196M or Sponsored Program Expenditures in FY 2011**
 - Doubled over the past Decade



Delaware Biotechnology Institute

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- In the late 1990's, Delaware launched an initiative to create a sustainable life sciences research capability in the State.
- The Delaware Biotechnology Institute was founded in 1999 as a statewide hub for interdisciplinary research, education and economic development.
- Over 130 faculty from 6 institutions participate in statewide Network
- Catalyst for hiring over 50 life sciences faculty, including faculty leaders
- Start-up funding in 1999:
 - \$65M (State, UD, Private Sector)
- Competitive funding secured since:
 - \$250M (NSF, NIH, DOE, USDA, Others)
- DBI Director: Kelvin Lee



Interdisciplinary Science & Engineering Laboratory

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- Future home of Delaware Environmental Institute (DENIN), Center for Energy and Environmental Policy (CEEP), UD Energy Institute (UDEI) and Catalysis Center for Energy Innovation
- Space for newly structured Science Classes in Biology, Chemistry and Physics
- 194,000 sft, completion scheduled for 2013



Science & Technology Campus

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Science & Technology Campus

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**Former Chrysler
Automotive
Manufacturing Plant**

- 272 Acres adjacent to the UD Campus
- The S&T Campus can easily hold the entire Newark Main UD Campus
- Future Home of Health Sciences



Science and Technology Campus

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Welcome (back) to Delaware

NECC Meeting Agenda

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- 7:30 am** Registration and Continental Breakfast
- 8:00 am** Welcome and Introductions
- 8:15 am** NECC Cyber Projects: Fiber and Data Centers
- 8:45 am** NECC Cyber-enabled Collaborative Research Programs
- 10:30 am** Break and Poster Session
- 10:45 am** NECC Cyber-enabled Collaborative Research Programs
- 11:15 am** Workforce Development and Diversity
- 11:45 am** Break
- 12:00 pm** Lunch, Networking, Poster Session
- 12:45 pm** Tour of Delaware Biotechnology Institute Facilities
- 1:15 pm** NECC Committee Meetings (Breakout Session)
- 2:30 pm** Feedback from Breakout Groups
- 2:45 pm** Break and Poster Session
- 3:00 pm** NECC Evaluation and Assessment
- 3:30 pm** Planning Ahead – The Next Steps
- 4:30 pm** Meeting Adjourned

NECC Breakout Sessions

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- Northeast Bioinformatics Consortium (NEBC) – Room 102
- Environmental Sensing and Analysis – Room 102
- Research & Education Collaboration Opportunities – Room 102
- Executive Committee – Room 102
- **Cyberinfrastructure Upgrades – The next Generation – Room 120**