Louisiana EPSCoR
Education and Outreach

E & O activities are expected to be integrated into the development of the Science Drivers and CyberTools components.
Components of E & O

- General Public
- K-12
- Undergraduates
- Graduate Students
- Postdoctoral Researchers
- Faculty
Activities for the General Public

Coordinated by La EPSCoR:

- Annual state-wide sci-tech conference
- Informational brochures and CDs
- Monthly Newsletter with upcoming events
- Speaking of Science series
- Faculty database (searchable)
- Legislative Day
- Research modules
Activities for K-12

In coordination with CCT

- Extending LONI to Educators
  - Teacher training

- Extending LONI into high schools
  - E-science: Sony Playstations deployed and maintained by students
  - Advanced science portal
    - LIGO portal for gravitational wave simulation and analysis on the LONI grid
    - Storm surge predictions from data to predict surges
Activities for undergraduates

Objective: *recruit, educate and mentor them and encourage them to go on to graduate school in science or engineering.*

- Development of new courses
- Academic year projects (senior theses, etc.)
- Summer research opportunities
- Science research day
Activities for graduate students

Objective: *provide more comprehensive multi-disciplinary training and provide opportunities to explore cyber-infrastructure/science research.*

- Development of new research topics
- Summer internships (multi-school experiences)
- Multi-institution thesis committees
- Science research day
Objective: provide training in multi-discipline research that complements their Ph.D. fields and increases preparation and marketability.

- Cross-institutional mentoring
- Multi-disciplinary training
- Travel to conferences
Activities for faculty

Objective: *stimulate long-term research competitiveness and to engage Louisiana’s population in S&T careers.*

Coordinated by La EPSCoR

- Statewide and regional conferences
- Planning grants, workshops (e.g. grant writing), Pfund, LINK, travel grants, major initiatives
- Efforts to increase minority representation in all activities
E & O Coordination

Education, Outreach and Faculty Development
(Davidson, BoR)

Undergraduates, Grads & Postdocs
(Cortez)

Faculty Development, Outreach to public
(Cruthirds)