



# *The Network for Computational Nanotechnology*

Joe Cychosz

April 6, 2005

*Univ. of Florida, Univ. of Illinois, Morgan State, Northwestern, Purdue, Stanford, UTEP*

- ***Chart the student role in NCN***
  - formal role in NCN planning and assessment
  - professional development and networking
  - educational / outreach initiatives
  - software engineering (summer boot camp)
  - ???

- ***What is an SLC?***
- ***Required by the NSF for all ERCs***
- ***Responsible for student activities***
- ***With a Mission***
  - Representation and Communication*
  - Enhance the Student Experience*
  - Service*
  - Leadership*
  - Organization*

- Formal role in NCN planning and assessment
  - *Liaison between NCN administration and the Student Community*
  - *SWOT (strengths, weaknesses, opportunities, threats)*
  - *Student Union Organization*
  - *Bylaws*

- Professional Development and Networking
  - *Sponsored Seminars*
  - *Social Events and Activities*
  - *BBQ/Cookout*
  - *Software Summer Camp*

- Education/Outreach Initiatives
  - *Learning Modules*
  - *Graduate-Undergraduate Mentorship*
  - *Advising Role to other Campus Groups*
  - *Design Competitions*
  - *K-12 Educational Experiences*



NANO  
CHALLENGE

[epics.ecn.purdue.edu/lspm](http://epics.ecn.purdue.edu/lspm)

- Organizational Infrastructure
  - *Regular Meetings*  
(breeze meetings, video conferencing, access grid)
  - *Website*
  - *Chapters?*

- **Software Development**
  - *Opportunity for Professional and Technical Development and Training*
  - *Graduate-Undergraduate Interaction*
  - *Social Activities*



- **Web Resources**

- *Engineering Research Centers Association*
  - *Best Practices Manual*
  - *Other Student Councils*
  - [www.erc-assoc.org](http://www.erc-assoc.org)

- **Other SLCs**

- *VaNTH* ([www.vanth.org/SLC](http://www.vanth.org/SLC))
- *GTEC* ([www.gtec.gatech.edu/gtecstudents](http://www.gtec.gatech.edu/gtecstudents))
- *IMSC* ([imsc.usc.edu/scouncil/index.php](http://imsc.usc.edu/scouncil/index.php))
- *MCEER* ([mceer.buffalo.edu/education/slc/default.asp](http://mceer.buffalo.edu/education/slc/default.asp))

***Building a Community that is of Service  
to our NCN Students  
and the  
Nano-community At Large***