

Increasing Funded Research for Members

Global Leaders Forum
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NC State Statistics

- 4 tenure track and 2 non-tenure track faculty
 - Graduate enrollment: 53 CEM
 - 6 Phd and 47 MCE or MSCE
 - Funded: 64% (42% MCE, 32% MSCE, 26% Phd*)
 - Nonfunded: 36% (MCE distance education)
 - Domestic: 60%
 - International: 40%
- *Several come with funding



NC State Statistics

- # Endowed Chairs: 2
- Average annual research expenditures
 - Varies per year (~50-100k/research faculty)

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Research Need Identification

- **Well defined open solicitation** (money and idea are identified in RFP--e.g., NCHRP)
 - Team is critical
- **Undefined open solicitation** (money available with a broad topic idea—e.g., National Science Foundation and DOT projects)
 - Team and Idea are critical



Research Need Identification

- **Unsolicited** (“cold calling”—e.g. local contractors) Need to establish availability of funds, needs, and create an appropriate team to solve problem
 - Team, idea, and money are critical

Research Portfolio should include a blend of funding approaches



Funding Agencies Supporting Research

- North Carolina Department of Transportation
- National Science Foundation
- Construction Industry Institute
- Local Construction Companies



Ideas for Increasing Interactions among Member Universities

- Sharing Laboratory Facilities
- Faculty swaps and/or Sabbaticals
- Graduate Student Internships at other universities
- Collaborative Research Proposals



Questions

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