

Engineering Office of Research & Graduate Programs Review and 2013-2014 Goals

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Review of 2012-2013 for ERGP

- Revision of Scope in August 2012 – EES → ERGP
- Goals for 2012-2013
 1. Increase Communications
 2. Develop Inventory for Research, Graduate Programs and Distance Education
 3. Develop an Engineering Graduate Student Culture

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Increase Communications

- New Listservers
 - Graduate Students
 - Various Committees
- More Communications of Activities and Services
 - Monthly Meetings with Graduate Coordinators
 - Regular Meetings with Safety and Distance Ed Reps
 - Increased services – Editor and WebEx
 - Monthly congrats letters to PIs

Increase Communications (con't)

- Faculty Development
 - Untenured Faculty Activities
 - Monthly Activities
 - Washington DC Trip
 - CAREER Workshop
 - Proposal and funding support
 - Staff Support
 - Bimonthly Research Staff Meetings
- NAE & Eyestone Lectures

Develop Inventory for Research, Graduate Programs and Distance Education

- Investigated data sources and tools available to develop some numerical metrics for tracking
- Working with university level administrators and other ADRs on developing equipment and expertise database
- Interacting with departments and additional outreach through federal expressions of strength process

Research Areas

High Performance
Computing/Big Data

Environment

Cyber-Security
Research and Training

Advanced
Manufacturing and
Materials

Nuclear Engineering &
Sensors

Energy

Transportation

Systems and Networks

STEM Education

Develop an Engineering Graduate Student Culture

- Graduate Student Advisory Council
- Graduate Student Events
 - Professional and Social
 - Engineering Graduate Student Graduation Reception and Gift
 - Connecting and Leveraging GSC events
 - Increased visibility around campus for engineering research and graduate programs

Key Activities for 2013-2014

- Continue activities from 2012-2013
- Developing and Enabling Evolution from one/two PI to larger research efforts
- Creating effective marketing and communications materials (paper & electronic) on Research and Graduate Programs
- Coordinated Efforts for Recruitment of Graduate Students
- Develop college level strategies related to Distance Education and Safety

Developing and Enabling Evolution from one/two PI to larger research efforts

- Working with ORSP to identify large grant opportunities early
- Seminars related to state and federal “big” opportunities
- Collaboration Grants to create regular interactions in strength areas
- Seminars/Info Sessions related to Engineering Centers as well as collaborations outside engineering

Creating effective marketing and communications materials (paper & electronic)

- Update College Research and Graduate Program Webpages
- Develop boilerplate PowerPoint on Engineering Research and Graduate Student data and information for distribution internally and externally. Increased presence in Fact Book
- Develop one page handouts on engineering and each department related to research & graduate programs
- Develop communications plan for disseminating information within K-State and beyond
- Create social media and video content related to research and graduate programs

What should be in boilerplate information for Research & Graduate Programs?

- Audiences
 - Internal
 - Visitors to Campus
 - Engineering Visits Off Campus
 - Non-Engineering Groups Off Campus
 - Consistent Message
- Types of Materials
 - PowerPoint library
 - General
 - Specific
 - By Strength Area
 - By Department
 - By Faculty Member
 - One Page handout
 - Other

What should be in boilerplate information for Research & Graduate Programs?

- Intro
- Graduate #s
- Research
 - Strengths
 - Funding Agencies including industry
 - Numbers
 - Expenditures
 - Proposals
- Corporate & University Collaborations
- International Collaborations
- Specific Slides
 - One Summary Slide on Strengths
 - Detailed Slides on Strengths
 - Summary Slide on Departments/Centers
 - Detailed Slides on Departments/Centers

Coordinated Efforts for Recruitment of Graduate Students

- Create effective recruitment materials that can be used for all engineering departments
- Grow our own
 - Undergraduate Exposure to Graduate School Options
 - Undergraduate Research Opportunities
- Coordinated Efforts for International Recruitment in 2-3 countries
 - Work with current students and faculty from those countries
 - Work with Graduate School and International Program Office to leverage their activities for engineering recruitment
 - Developed targeted visits as possible – (Indo-Global Conference)

Develop college level strategies related to Distance Education and Safety

- Engineering Strategy for DCE – Fall 2013 for Provost
- Training on DCE Best Practices
- Improve College Safety Climate
 - Student Team Training
 - Department and Faculty Expectations

Looking Forward to a Great Year!

- Lots of new faculty
- Gaining momentum from last year
- Working to balance UEIP and K-State 2025 will continue to be fun and challenging 😊
- Let me know how our office can help you and your faculty!

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