Acknowledgments

• Christopher Carlson-Dakes
  • Faculty Associate: Engineering Leadership Programs and Courses
  • Senior Lecturer, Interdisciplinary Engineering 103: Core Competencies for Engineering Leaders
  • Planning Team Member: UW-Madison Coordinated Leadership Initiative
Acknowledgments

• Alicia Hazen
  • Director, College of Engineering Student Leadership Center
  • Advises and provides leadership education to more than 50 engineering student organizations
Outcomes Measures
(Criteria 1, 3, and 4)

Example: Student Satisfaction with Leadership Opportunities in Engineering Program Extracurricular Activities

<table>
<thead>
<tr>
<th>Year</th>
<th>All Institutions</th>
<th>Carnegie Peers</th>
<th>Wisconsin</th>
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<td>2012</td>
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Outcomes Measures
(Criteria 1, 3, and 4)

• We worked with the University of Wisconsin Survey Center to draft a survey that more directly targets servant leader attributes
• We are seeking feedback from the foundation on this draft
• Implementation planned for 2014
Carrying Out Mission of Chair
(Criteria 2, 6)

• Campus-wide servant-leader working group
• Campus-wide coordinated leadership initiative
• Chancellor’s Scholar Program
• Alignment with College of Engineering Student Leadership Center
Breakthrough Venture  
(Criterion 5)

- Freshman engineering leadership course and new collaboration with Morgridge Center for Public Service
- Engineering projects with sustainability or environmental stewardship
  - Installation of solar-powered lights in dark campus garden
  - Refurbishing used bikes for low income children
  - Feasibility of green roof for local elementary school
Breakthrough Ventures  
(Criterion 5)

- Helped draft proposed plan for campus-wide leadership initiative
- Created an award to encourage students “to engage in service-learning or community outreach projects aligned with The Pieper Family Foundation belief that human goodness is not simply innate; it requires action and service to others; and that character is inspired and facilitated in cultures, organizations, and families by and through the example of enlightened leadership.”
- Funded student participation at the National Center for Student Leadership Conference in New Orleans
Example of a Servant Leader
(Criterion 7)

• We do have many students within the college and campus-wide who serve in positive ways; examples are:
  • College-level: Largest student chapter of Engineers Without Borders in U.S.
  • Campus-level: 2\textsuperscript{nd} largest number of Peace Corps volunteers in U.S.
• Example student: Drew Birrenkott
  • Majoring in biomedical engineering, biochemistry, political science
  • Studied in India on Khorana Program
  • Leading EWB project in Tanzania
  • Selected as a Rhodes Scholar
Goals for 2014

• Evaluate use of additional metrics
  • Want to gauge more than just student satisfaction
  • Want to gauge student participation levels
• Continue to strengthen alignment with other leadership activities within the college and across campus
• Ensure our activities are publicized to new university leaders (Engineering Dean, Chancellor)
• Strengthen ability to encourage engineering students to serve underprivileged communities locally, nationally, and abroad
Thanks for listening and thanks to the Suzanne & Richard Pieper Family Foundation for their continued support.