

Suzanne & Richard Pieper Family Foundation  
Servant-Leader Chair  
Annual Presentation 2015



**College of Engineering**  
**UNIVERSITY OF WISCONSIN-MADISON**

# Acknowledgments

- Mark Kueppers
  - Faculty Associate: College of Engineering
  - Assistant Director of Leadership Development: UW-Madison Center for Leadership and Involvement



# Acknowledgments

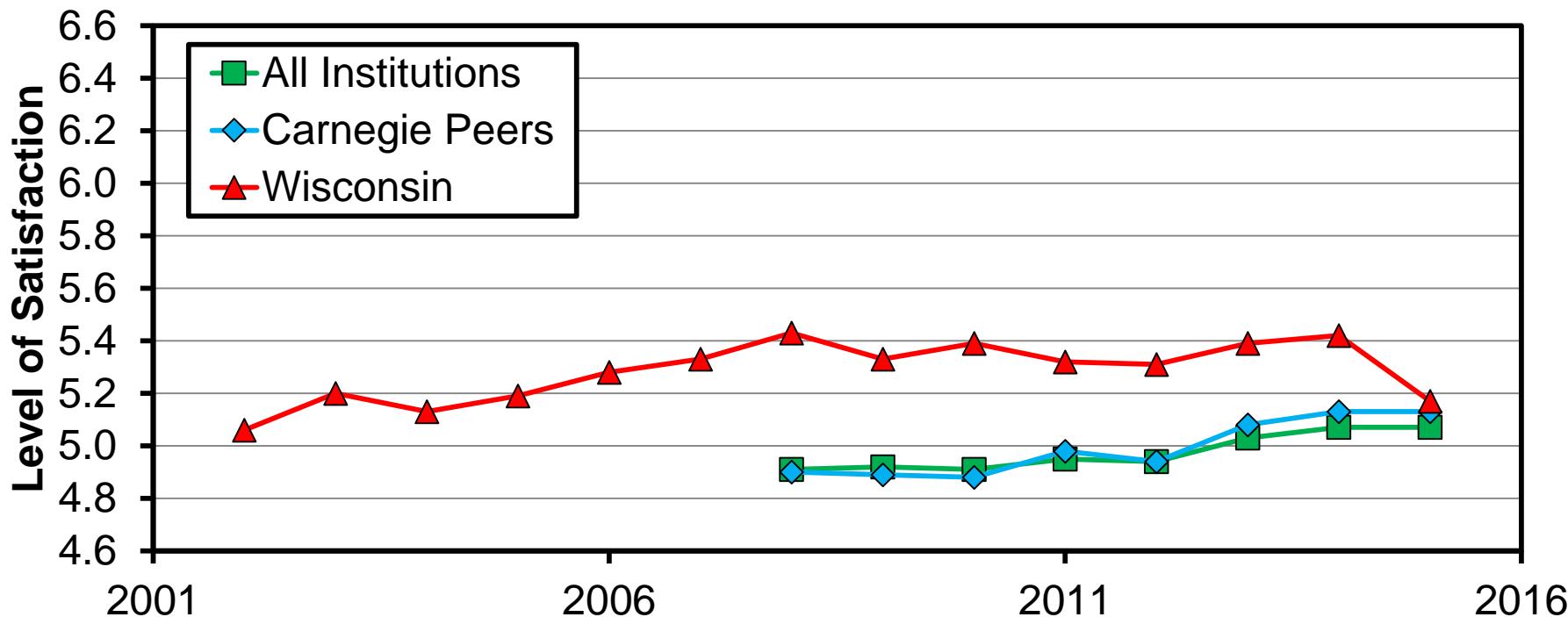
- Alicia Hazen
  - Former Director, College of Engineering Student Leadership Center
  - Director of Career and Leadership Development, School of Human Ecology



# Outcomes Measures

## (Criteria 1, 3, and 4)

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



# Outcomes Measures

## (Criteria 1, 3, and 4)

- Continue to monitor UW participation and analysis of results from National Survey of Student Engagement (NSSE)
- Participated in Multi-Institutional Survey of Leadership (MSL)
  - Preliminary results and goals coming later in presentation
  - Postponed UWSC survey for later use in COE course (more on goals for this coming later in presentation)
- Surveys once every 3 to 4 years are generally suitable for program assessment purposes

# 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
- Participate in water quality analysis training for students in Engineers Without Borders

# Breakthrough Ventures

## (Criterion 5)



Leadership of service-learning or community outreach projects that “lift up society, enrich organizations and communities, and have a positive effect on the least privileged”

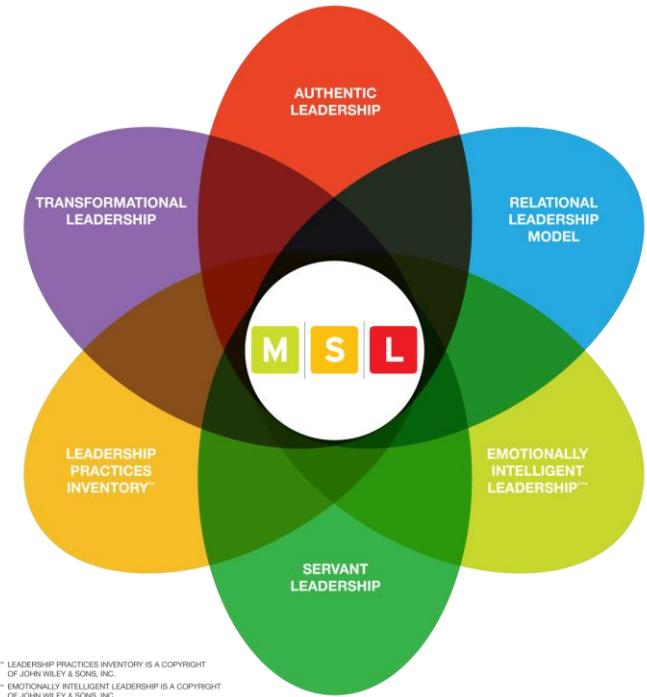


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# Breakthrough Ventures

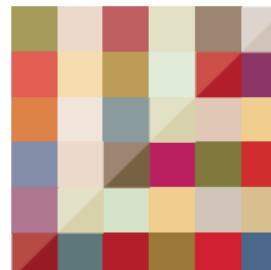
## (Criterion 5)

- Continued planning for implementing campus-wide coordinated leadership initiative
- Helped fund and plan for Year 2015 participation in Multi-Institution Study of Leadership
- Funded leadership course for students in Civil and Environmental Engineering



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LEADERSHIP



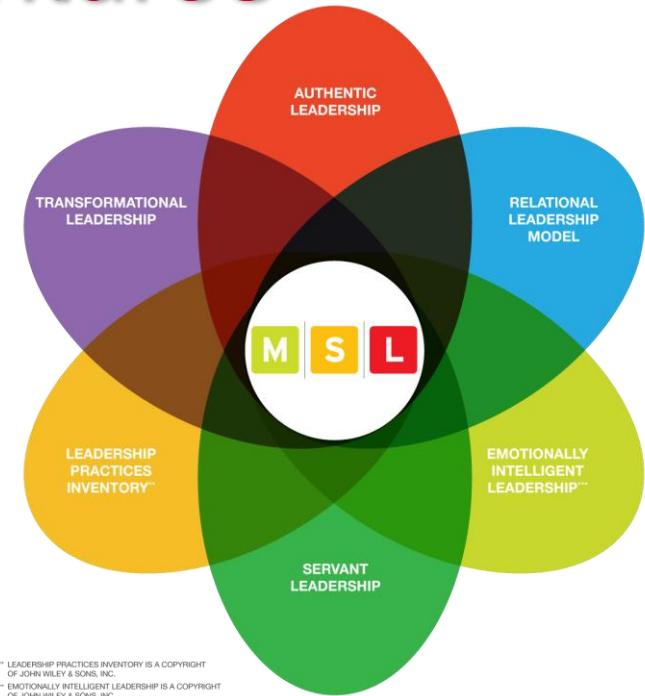
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# Breakthrough Ventures

## (Criterion 5)

### Multi-Institutional Survey of Leadership details

- Some responses mapped to outcomes of the Social Change Model of Leadership
  - No observable difference between engineering students and general student body for most outcomes
  - Observable difference for citizenship outcome, with engineering students scoring lower than the general student body
- Some responses mapped to motivation and pathways to achieving goals
  - No observable difference between engineering students and general student body for motivation to achieving goals
  - Observable difference for finding pathways to achieving goals, with engineering students scoring higher than the general student body



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# 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<sup>nd</sup> largest number of Peace Corps volunteers in U.S.
- Example students, participated in our April meeting:
  - Kara Novotny, Community Service Committee Chair, Society of Women Engineers
  - Megan Nelson, Engineering Tomorrow's Careers Camp, Society of Women Engineers
  - Daniel Vigil & Patrick Zastrow, EWB-UW Project Leaders, Ecuador & Guatemala
  - Nhi Li, Outreach Committee Coordinator, Graduate Engineering Research Scholars



# Goals for 2016

- Continue to investigate MSL data
  - Complete data set available from MSL survey, with many questions to investigate and potentially draft paper for publication
  - Engineering students vs general student body OR male vs female?
  - Can questions be mapped to servant leadership outcomes, too?
- Reinstate college-wide leadership course
  - Fund balance now large enough; no need for financial help from the college
  - Helps us cope with state budget, which is expected to continue being cut
  - Implement with servant leadership survey developed in 2013-14
- Continue to strengthen alignment with campus leadership activities
  - How to approach, given budget situation and HR limitations?
- Continue to encourage engineering students to lead in serving underprivileged communities locally, nationally, and abroad
- Explore opportunities to better track alumni efforts in serving underprivileged communities locally, nationally, and abroad

Thanks for listening and thanks to the  
Suzanne & Richard Pieper Family Foundation  
for their continued support



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