Pieper Professorship for Servant-Leadership



Extraordinary Opportunity

Pieper Professorship for Servant-Leadership

 The Pieper Family Foundation's visionary support will enable enriched programming and opportunities for students to grow into thoughtful and generous servant-leaders.

A Profound Thank You

- The Pieper Family Foundation to commitment in developing student leaders offers the UW-Madison College of Engineering an extraordinary opportunity.
- We look forward to working with you as partners in helping students see the larger world they exist in, and how they may help others through ethical decisions, and genuine service.

Past & Present: Practice and Data

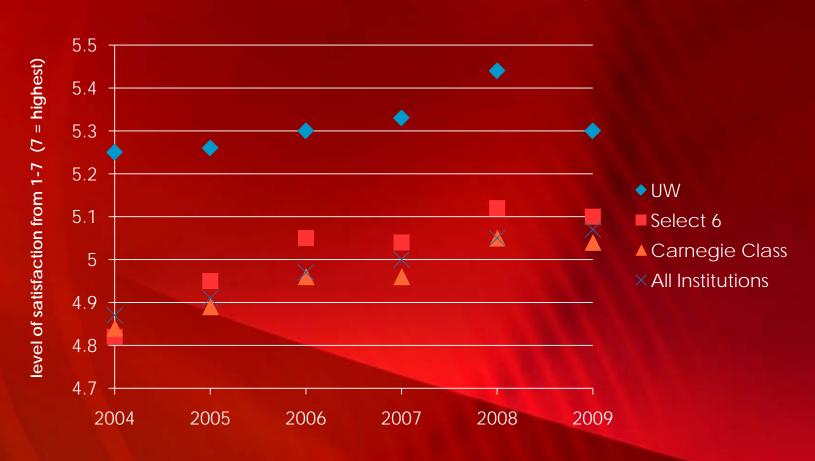
- Benchmarking data
- Coursework
- Service projects
- Research

Benchmarking with Peers

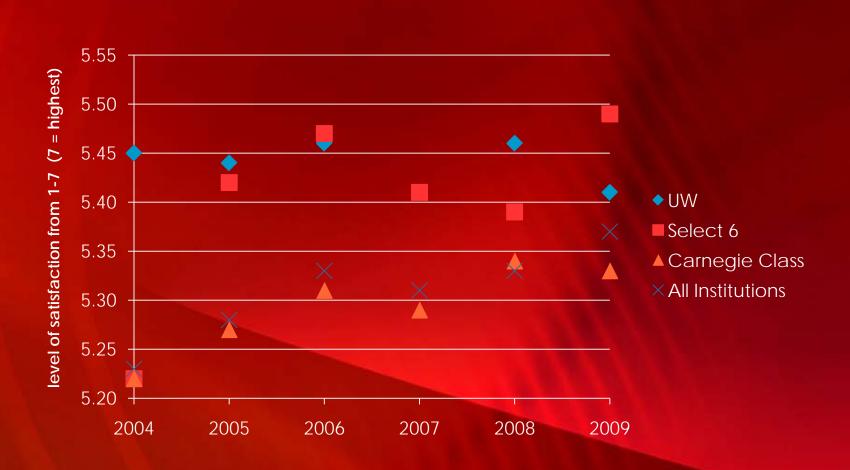
Source:

- Engineering Student Assessment Benchmarking Project: designed to provide comparative feedback from graduating undergraduate students regarding their Engineering Student experience.
- Question Scale
- The factor and question analysis is based on the numbered questions in the survey which are designed to gather perceptions of the participants across a variety of content areas. Theses questions rely on a 1 to 7 scale with "1" indicating either strong disagreement or being very dissatisfied and "7" indicating either strong agreement or being very satisfied.
- Factors
- Factors (also called constructs) are statistical grouping of questions. Conceptually, factors describe a broader concept while questions describe specific items. For more information, please see the supplemental information section.
- Questions related to "Factor 4: Team & Extracurricular Activities"
- Q27: Satisfaction with value derived from team experiences
- Q28: Satisfaction with value of engineering program student organization activities
- Q29: Satisfaction with Leadership Opportunities in Engineering program's extracurricular activities

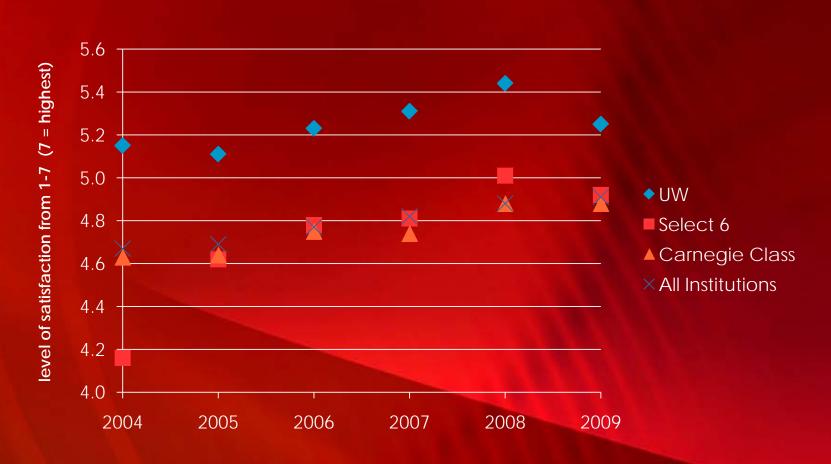
Team & Extracurricular Activity (Factor 4 Qs)



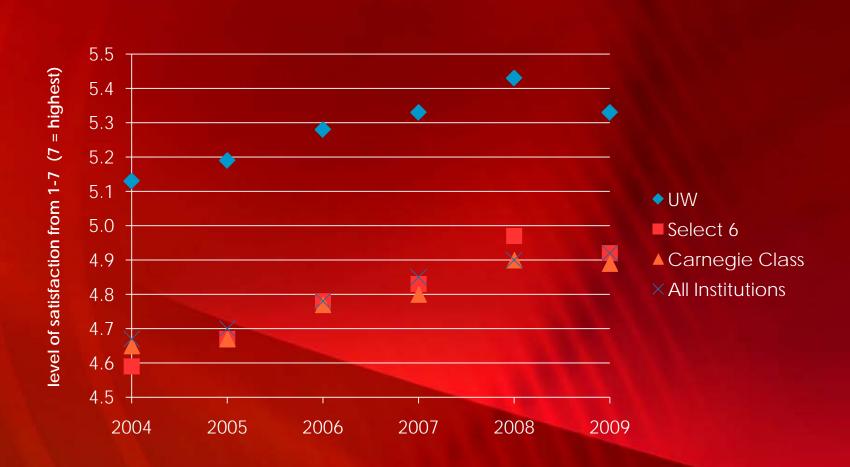
Team Experiences



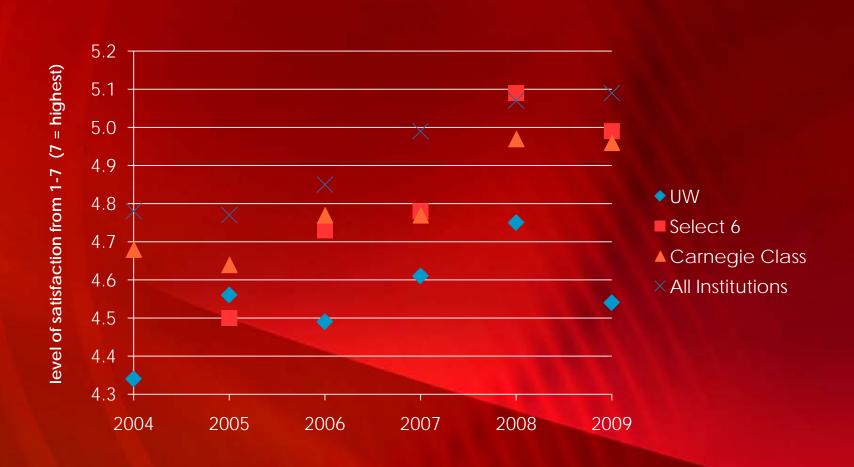
Student Organization Activities



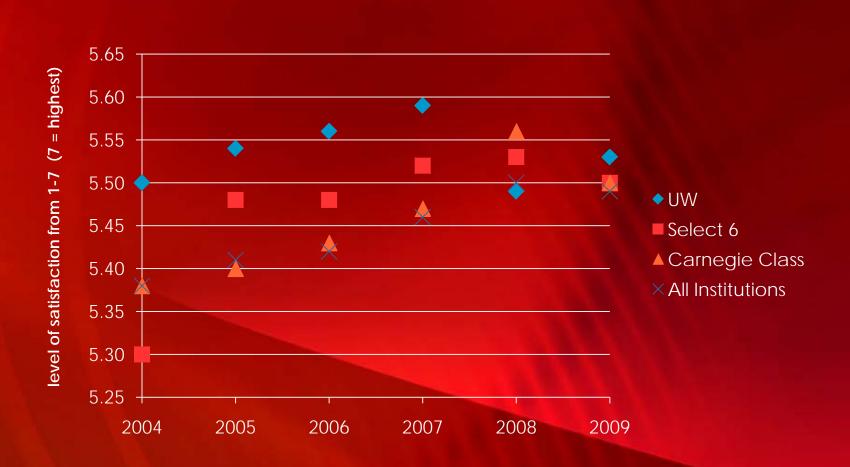
Leadership Opportunities



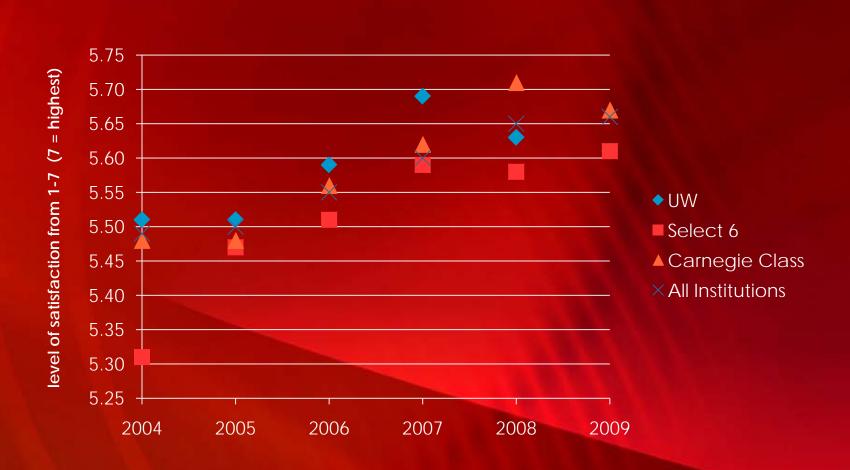
Academic Advising - Faculty



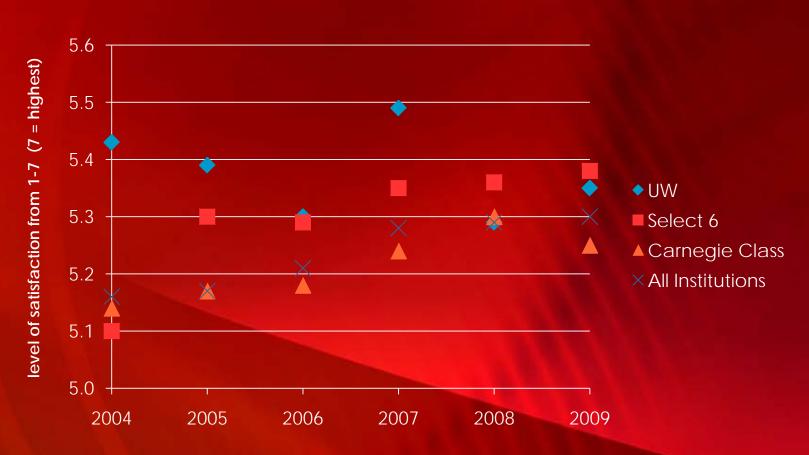
Ability to Work in Teams



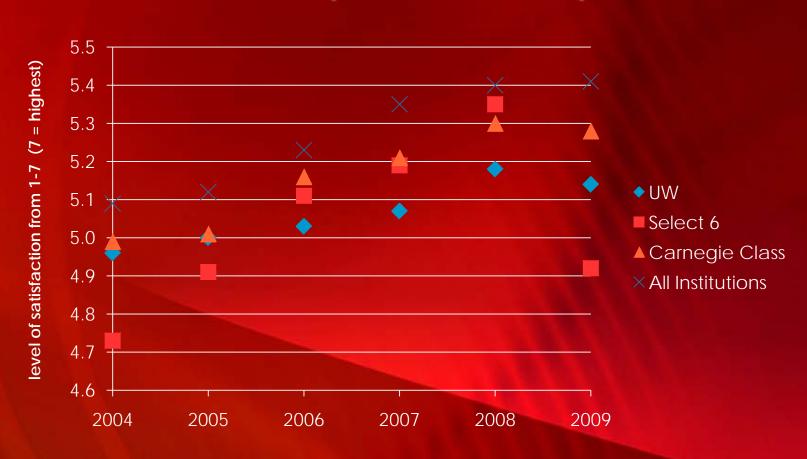
Level of Camaraderie



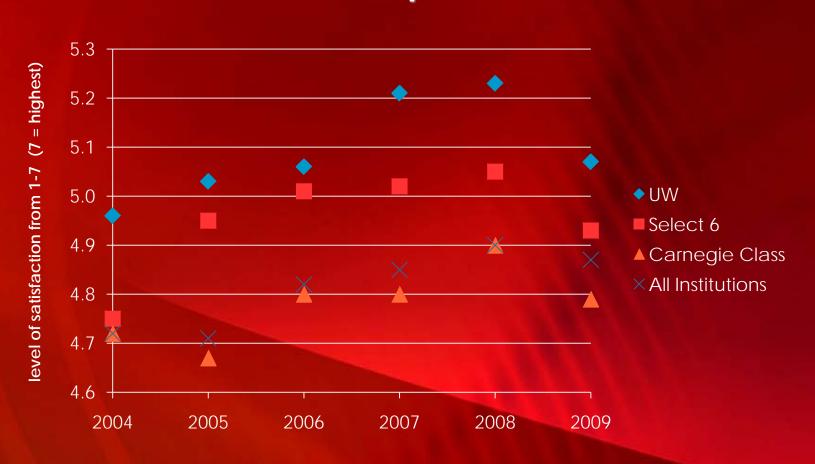
Ability to Function on Multidisciplinary Teams



Understanding of Ethical Responsibility



Extent Program Experience Fulfilled Expectations



 Please indicate to what extent your overall College of Engineering (CoE) educational experience contributed to your skills and knowledge in the following ways:

An ability to organize individuals or groups to achieve a specific goal.

An ability to create effective and productive relationships.

An ability to overcome adversity.

An ability to create and articulate a vision.

An ability to coach, mentor and develop others.

An ability to assume risk.



7. Which of the following have you done since graduation?

Applied your undergraduate education in solving real-world problems in your sphere of influence.

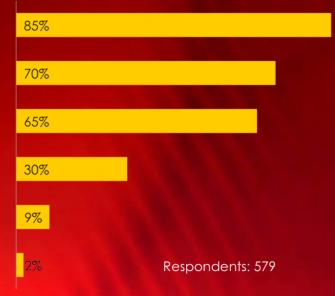
Mentored a student or colleague.

Volunteered for a community service project or organization.

Served on a board or committee in a professional and/or non-profit organization.

Other, please specify

Served as an elected official for a public service organization.

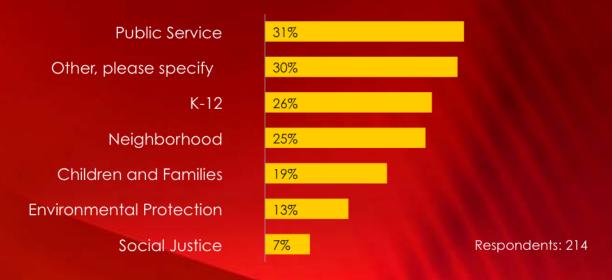


Top Other Responses:

- Grad school
- MBA
- PhD

- Started Business
- Leadership/Mana gement

12. If you answered yes to question 11, please indicate which type of community-based organization you are involved in (check all that apply).



Top Other Responses:

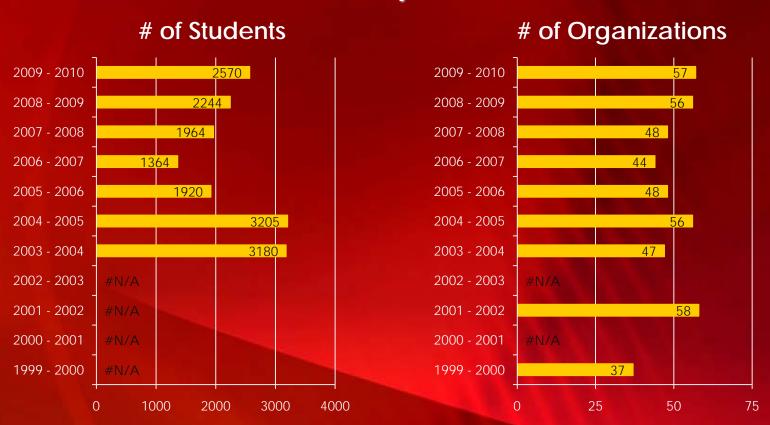
- Religious
- Athletic
- Education (teaching)
- Aid (Habitat for Humanity, Humane Society, Homeless shelter, Food Pantry)

15. Why are you involved in these organizations (check all that apply)?



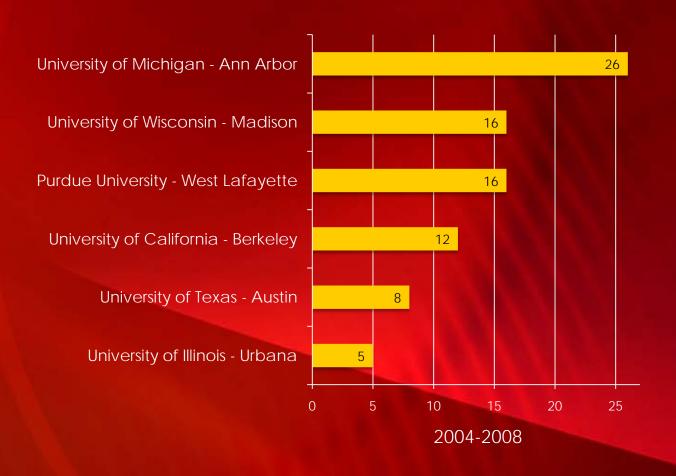
Help the environment

Benchmarking Student Participation



Numbers are estimates based on student reported data at the beginning of each fall semester. Organizations may continue to increase membership throughout the year.

Engineering Alumni Entering Service with the Peace Corps



Fall 2009 Dean's Leadership Class Student Evaluations

The instructor was receptive to questions and comments

The goals of the course were clearly stated and corresponded to the course content

The instructor was well organized and used effective presentation techniques

The instructor demonstrated the significance of the material, used realistic examples, and stimulated my...

Based on my learning experience, I would recommend this class to a friend

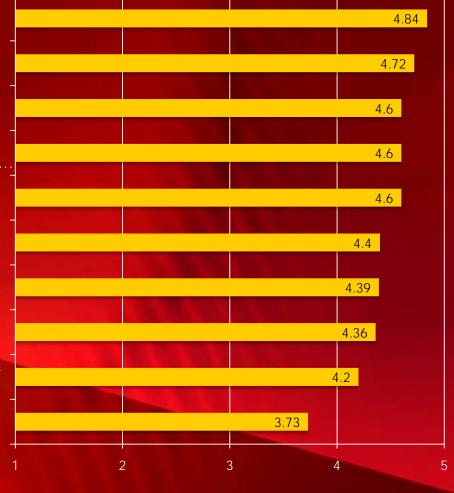
The instructor motivated me to continue learning effective communication practices

My overall rating of the instructor is

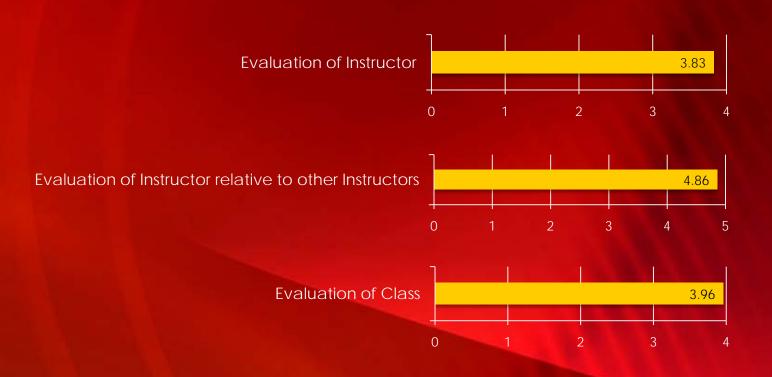
The instructor was available when needed and requested

The instructor prepared clear and useful assignments and handouts

The instructor provided useful and timely feedback through marked assignments and handouts



2009 CEE Leadership Class Student Evaluations



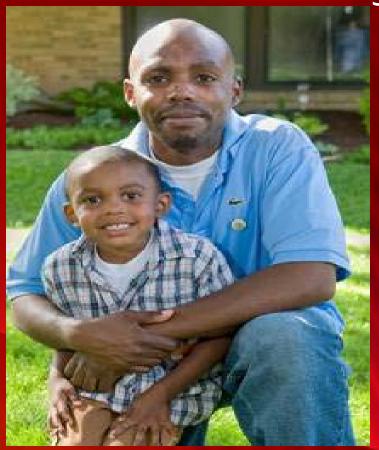
2009 Student Accomplishments

- Engineers Without Borders
 - Led a book drive for Kano State University library in Nigeria
 - Received Gold Award for Haiti project at the U.N.
 Mondialogo Engineering Award (MEA) Competition in Germany
 - Awarded Kaufman Grant for Red Cliff, WI project
 - Coordinating TEAMS competition for high school students this spring
- Habitat for Humanity
 - Led four Alternative Winter Break Trips for UW students
 - Received State Farm Grant for fundraising initiative
 - Raised over \$12,000 through annual Rake-a-Thon event



Civil and environmental engineering students Jonathan Blanchard, Kevin Orner and David Tengler receive a plaque from five communities in Ecuador that will benefit from a new water pipeline the students implemented in June.

Habitat for Humanity The Allah family



Born Logic and Rayson Allah

Research

Leading from the heart work



Future Directions: Theory, Practice & Data

- Implement and assess on-line leadership and sustainability classes
- Create leadership award and scholarship
- Initiate College of Engineering-wide service projects
- Host a Student Leadership Conference or Retreat
- Host a College of Engineering Leadership Workshop for students, faculty, and staff
- Promote student participation in Leadership Conferences
- Facilitate Travel-Abroad Service Projects
- Explore starting and sustaining a mentoring program

Questions??

