The Student Leadership Center in the College of Engineering

Alicia Jackson, Director
The Student Leadership Center

- Serves as a hub to connect students to the various involvement opportunities within the CoE
- Advises the 55+ engineering student organizations
- Offers event planning & budgeting assistance to student org leaders
- Oversees University and UWF accounts for 30 different student orgs.
- Coordinates the annual Innovation Days Competition
The SLC also:

- Co-teaches the Dean's Leadership Course and EPD 690: Core Competencies of Leadership
- Organizes and offers programs to develop leadership capacity in CoE students
- Houses a library of resources available for checkout on a variety of leadership, organizational and student development topics
- Serves as the central reservation unit for conference rooms in the Engineering Centers Building
Our Mission and Vision

Mission
- The College of Engineering Student Leadership Center (SLC) fosters leadership through a variety of co-curricular programs, services and activities. The center seeks to improve efficiency within the numerous engineering-affiliated student organizations, provides assistance with organizational management and inspires students to practice teamwork and social responsibility.

Vision
- To produce student leaders who demonstrate growth in civic responsibility, engagement and multicultural awareness.
What is Leadership?

- In the SLC, we believe that every student has the potential to be a leader and that leadership is a process, rather than a position.
- Leadership is ethical, purposeful, and collaborative and ultimately results in positive social change.
- Leaders inspire and motivate others to work towards a common goal.
- Leadership is all about relationships.
MSL Overview

- The Multi-Institutional Study of Leadership (MSL), is conducted by the National Clearinghouse for Leadership Programs every other year nationwide.
- The MSL compiles responses from over 50,000 college students from 52 campuses across the nation (including UW-Madison).
- The goal of the MSL is to assess the development of leadership capacity in college students.
MSL Findings

- Findings from the study show that involvement in campus organizations positively related to the level of development in students.
  - 46.8% of CoE students were involved in an SLC registered student organization in 2008-09.
- The study also found that students who attended even one formal leadership program reported significantly higher leadership outcomes than those who did not.
MSL Recommendations

Recommendations that came out of the 2006 study:

- Get students involved in at least one student organization while on campus
- Discourage breadth of involvement – more variety is not necessarily better
- Encourage students to attend at least one leadership development program
Why is this important?

- Leadership skills are the critical communication and interpersonal navigation tools that industry demands from today’s engineer.
- Technical information faculty teach in class doesn’t necessarily educate you on how to work with other people.
- Out-of-classroom experiences can teach you more about the real world than anything you learn in class.
- Student organizations provide an excellent opportunity to practice leadership skills before entering the workforce full-time.
Benefits of Involvement

- Improve communication skills and practice resolving conflicts in a civil manner
- Acquire time management, and organization skills
- Learn how to run an effective meeting
- Practice collaboration and teamwork
- Learn to navigate different personalities and work with a variety of people
- Exposure to cultural diversity and social issues outside of the classroom
Other reasons to get involved

- Meet new people and make new friends
- Learn new or enhance current skills
- To network and gain experience in a particular field of interest
- Connect with like-minded individuals outside of the classroom
- Hands on leadership skill development:
  - Event planning
  - Marketing and promotion
  - Web site development and management
  - Recruitment and retention of members
  - Fundraising and donor development
  - And more…
Registered Organizations (59)

Sororities/Fraternities (4):
- Alpha Omega Epsilon
- Kappa Eta Kappa
- Theta Tau
- Triangle Fraternity
Affinity Groups (5)

- American Indian Science and Engineering Society
- Hmong Association of Engineers
- National Society of Black Engineers
- Society of Hispanic Professional Engineers
- Society of Women Engineers
Competition Related (10)

- Badger Pulling ASABE ¼ Scale Tractor Team
- Concrete Canoe Team
- Formula SAE Badger Racing
- Human Powered Vehicle Team
- Hybrid Vehicle Team (a.k.a. Future Truck)
- IEEE Robot Team
- SAE Clean Snowmobile Team
- SAE Formula Hybrid
- SAE Mini-Baja Team
- Steel Bridge Team
Discipline Specific (20)

- American Institute of Aeronautics and Astronautics
- American Institute of Chemical Engineers
- American Nuclear Society
- American Society of Agricultural and Biological Engineers
- American Society of Civil Engineers
- American Society of Mechanical Engineers
- American Waterworks Association/Water Environment
- ASM International/American Foundry Society
- Association of Engineering Geologists – UW Chapter
- Biomedical Engineering Society
Discipline Specific

- Biomedical Engineering Graduate Student Association
- ECE Graduate Student Association
- Engineering Physics Society
- Human Factors and Ergonomics Society
- Institute of Electrical and Electronic Engineers
- Institute of Industrial Engineers
- Institute of Transportation Engineers
- Society of Manufacturing Engineers
- Society of Plastics Engineers
- Women in Nuclear
Honors Societies (4)

- Chi Epsilon
- Eta Kappa Nu
- Pi Tau Sigma
- Tau Beta Pi
Outreach/Service Oriented (5)

- Engineers Without Borders
- Engineering EXPO
- Engineering World Health
- Habitat for Humanity
- One Laptop Per Child
Special Interest (10)

- Badger Amateur Radio Society
- Construction Club
- Energy Hub (Ehub)
- Enlight
- International Association for the Exchange of Students for Technical Experience
- International Club
- Society for Industrial and Applied Mathematics
- Wisconsin Engineer Magazine
- Wisconsin SuperBikes
- Zero Gravity Team
Polygon Engineering Student Council
Innovation Days

- Encourages creativity and innovation through self-directed research outside of a classroom environment
- Schoofs Prize for Creativity offers 4 prizes up to $10,000 (design a poster and Powerpoint to explain it to judges)
- Tong Prototype Prize offers 3 prizes up to $2,500 (build a prototype of your idea)
- Students can compete in both and they are open to all undergraduates regardless of discipline
- Also prizes for “Best Presentation” and “Best Design Notebook” at $1,000 each
Rules and Regulations

- Students must develop an original idea into a process or object (device, design, composition of matter, etc.)
- They may compete in teams, but each individual must register by the Fall deadline
- All students must be present to compete in February
- Each participant must keep a pre-bound, pre-numbered design notebook
Leadership Courses

- Dean’s Leadership Class (InterEngineering 400) – 1 credit
- Core Competencies of Leadership Online (EPD 690) – 1 credit
- Leadership Development (CEE 698) – 3 credits
- Engineering Leadership: Roles for the Future (ISyE 698) – 3 credits
- Leadership Seminar (Interdisciplinary 400) – 2 or 3 credits
Personal/Professional Development Workshops

- Last year’s examples:
  - Sept – Dress for Success
  - Oct – Social Networking Tools
  - Nov – True Colors/Myers Briggs Workshop
  - Dec – Stress Management & Nutrition
  - Feb – Leadership Certificate

- This Year:
  - Oct (7th) – Leadership Certificate
  - Oct (19th) – Patents, Trademarks and Copyrights
  - Nov 19th – Servant Leadership: The World’s Greatest Leadership Philosophy
The LeaderShape® Institute

A six day leadership development program that aims to:

- Increase student commitment to act consistently with core ethical values, personal values, and convictions.
- Enhance capability to develop and enrich relationships as well as strengthen commitment to respect the dignity and contributions of all people.
- Embrace the belief in a “healthy disregard for the impossible.”
- Develop the capability to articulate a vision and produce extraordinary results.
How do you get involved?

- Visit slc.engr.wisc.edu for a list of and links to CoE student organizations, programs and competitions
- Or check out cfli.wisc.edu for others on campus
- Contact officers or attend a kick-off or general meeting for an org. of interest to you
- Attend an SLC sponsored program or event
Facebook Page

“Like” us on Facebook for up-to-date information, including:

- Important dates, deadlines, and announcements
- Leadership related news/blogs
- Photos of CoE student organization events
- Video clips, links and photos of past workshops/programs
- Invites to programs sponsored by the SLC
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Web site: http://slc.engr.wisc.edu

Open 8:00am-4:30pm Mon-Fri
Student Development Team

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