

Purdue School of Engineering and Technology, IUPUI

Dean's Industry Advisory Council

February 11, 2010

Today's Agenda

- Meeting Convened (Cary Marston)
 - Introduction of new members
- Student Career Activities (Josh Killey)
- First Robotics (Dr. Peter Orono)
- Break & Networking
- Diversity Activities (Vince Newsom)
 - Leadership Development Program (Terri Talbert-Hatch)
- General Administration (Joe Bentley)
- School Update (Dean Yurtseven)
- Wrap Up and Adjourn (Cary Marston)

Presentation of DIAC Pins & Certificates

Student Career Activities

Josh Killey

First Robotics

Dr. Peter Orono

Diversity, Retention and Recruitment

Vince Newsom

General Administration

Committee

Joe Bentley

General Administration Committee

- Cindy Munerol
- Malcolm Thomas
- Joe Bentley

- Welcome Joe Ward of Wolf Technical Services to our committee!

DIAC Long Range Plan



Mission/Objectives

Strategies

Initiatives

**Guide the School & Advise the Dean:
Nourish the partnership between school, industry, and community**

Primary Source of Industry Advice to Dean and School Leaders

Promote Diversity and Inclusion

Vibrant and Relevant DIAC

- Advisors on School Topics and Issues - All
- Engage School's Diversity Initiatives
- Recognize Membership & Service
- Recruit Members - GA
- Grow DIAC Leaders - GA
- Link to Dept Adv. Boards & Alumni Board - GA
- Show Relevant Metrics - All

Enable relevant educational experiences for students

Student - Industry Linkage

Champion Research, International, Service and Experiential Learning (RISE)

- Grow Internships & Coops - All
- Hold Industry Open Houses & Facility Tours
- Define Real World Senior Projects
- Engage Student Organizations
- Provide Job Shadowing Opportunities - All
- Attend Job Fairs with Subject Matter Experts - All
- Mock Interviews

Support comprehensive outreach to the community

Support IUPUI Community Outreach

K - 12 ISTEM - Fill the Pipeline

- Staff the IUPUI State Fair Booth - All
- Community / Curriculum Collaboration: (Music Technology & Indianapolis Symphony)
- Support ISTEM Initiatives
- Support K - 12 Summer Programs
- Help 7 - 12 at Risk Students

Promote excellence in research and creative activity

Grow Research and Realize Technology

- Industry Review of Research Programs
- Integrate School and Industry Research Pursuits
- Help License and Commercialize Research
- Bring Company Intellectual Resources to Support Technology Research
- IUPUI Fellows (e.g. Rolls Royce Fellows)

Support the intellectual and economic development of community stakeholders

Collaboration w/Industry (Pervasive Connections)

Support University Funding

- Participate in Brown Bag Lectures - All
- Industry Engagement on Strategic Plans - All
- Build the Education / Public / Private Bond - All
- Capital Campaign Leaders - All
- Support University Funding Through Legislative Process
- Tie Into 2012 Super Bowl

DIAC Long Range Plan



Mission/Objectives

Guide the School & Advise the Dean:
Nourish the partnership between school, industry, and community

Strategies

- Primary Source of Industry Advice to Dean and School Leaders
- Promote Diversity and Inclusion
- Vibrant and Relevant DIAC

Initiatives

- Ad Hoc Advisors on School Topics and Issues
- **Recruit Members**
- Grow DIAC Leaders
- Link to Dept Adv. Boards & Alumni Board
- Show Relevant Metrics



**Specific
Measurable
Attainable
Realistic
Timely**

Committee Work Plan & Metrics

Strategy → Initiative	Task	Measurement
Vibrant and Relevant DIAC → Recruit Members	<p>Identify companies hiring IUPUI graduates</p> <p>Target selective companies for DIAC membership</p> <p>Maintain a diverse DIAC membership of both large, medium and small companies</p>	<p>Full and engaged DIAC membership</p> <p>Opportunities for both graduates, interns and co-ops.</p> <p>Possibly survey DIAC members on meeting content, committee engagement and IUPUI involvement?</p>

Recent Hiring of Graduates

Self-reported by graduates (2006 thru 2008)

- Cummins
- Crane
- Lilly
- Raytheon

Tier I

- Rolls Royce
- Indiana University/IUPUI
- Sallie Mae
- Roche Diagnostics
- State of Indiana

- IPL
- Diversified Systems
- Duke Energy
- Midwest ISO
- Boston Scientific
- Allison

Tier II

- UPS
- Stanley Security
- Hunt Construction
- Motorola
- Pepper Construction

- Interactive Intelligence
- SAIC
- Remy
- Carrier
- PERI Formwork Systems
- Angel Learning
- Endress & Hauser

Tier III

- Altec Industries
- Rexnord
- Clark Dietz Engineers
- CDI Aerospace
- Advantis Medical
- Baker Hughes, Houston

Reported hiring by 298 individual employers

School Report for DIAC Meeting

February 11, 2010

Important Dates 2010 (revised 3-30)

- March 25, Thursday: Dean's Council Reception, 5:00 – 7:00 p.m.
- April 9, Friday: DIAC Meeting, 8:00 – 10:00 a.m.
- April 23, Friday: School of Engineering and Technology Honors Convocation & Dinner, 5:30 pm Social Hour, 6:30 p.m. Dinner
- June 10, Thursday: DIAC Meeting, 3:30 – 5:30 p.m.
- June 18, Friday: Dean's Retirement Celebration, 4:00 – 7:00 p.m.
- September 17, Friday: Alumni Golf Outing
- September 24, Friday: Joint Board of Advisors Retreat, 11:00 a.m. – 4:00 p.m.
- October 29, Friday: DIAC Meeting, 8:00 – 10:00 a.m.
- December 9, Thursday: DIAC Meeting, 3:30 – 5:30 p.m.