

# Subcommittee Status

- General Administration - Dale Jacobs
- Industry Resources and Networking – Craig Edlin
- Research – Wayne Eckerle
- Diversity, Retention and Recruitment – Vince Newsom

# **General Administration Report to DIAC**

**September 11, 2008**

- Vehicle to achieve continuity in DIAC leadership
- Led by DIAC Chair Elect
- School Infrastructure & Operation
- Indoctrination of new DIAC members
- Membership terms & attendance

# Subcommittee Members

- Dale Jacobs- Vice Chair
- Karl Kuehner
- Cindy Munerol
- Cary Marston
- Joe Abella

## TASK CHECKLIST

### September 2008 Status Report

- Appoint Vice-Chair for Next Term
  - Cary Marston accepted position
- Establish Bench Marking Questions
  - Questions finalized.
- Submit BM Questions to Outside DIAC's
  - Dean has sent letters to targeted schools.
  - Three schools have responded.
- Receive BM Responses
  - Conducted three interviews with schools.
  - Waiting for last two interviews.
- Evaluate & Suggest Changes to DIAC

## September 2008 Status Report

### TASK CHECKLIST (Continued)



Chairman Term (one or two years)

- Recommended one year term for Chairman.
- Vice Chair & next Vice Chair positions provide enough continuity for DIAC.



DIAC Membership Commitment

- Questionnaire to members asking for their opinions on DIAC benefits. Results will be used to evaluate future member commitments.



Required Attendance for Members



Membership Spectrum



New Member "Training"



ICHE Report Review & Comment

- Comments completed & submitted by DIAC.



New Member Review & Recommend to ExComm

- Reviewing new members



Development of Five-Year Plan for DIAC

- Cary Marston (next Vice Chair) developing plan.

# Industry Resources and Networking

Subcommittee Report

*to*

DIAC

September 11, 2008

*Craig A. Edlin*

*Subcommittee Chair*

# Subcommittee Membership

- Craig Edlin – Emerson HVM
- Brad Wuerch – RJE Interiors
- Bill Klenk - Allison Transmission
- Mike Cyb - EDS
- Cary Marston - Cummins
- Richard Pfile – IUPUI
- Joe Abella - IUPUI



# Informal Networking

- Bill Klenk > Jeff Seger, Cary Marston, Stan Bentley, Bill Wylam, Karl Kuehner and Scott Peer
- Brad Wuerch > Cindy Munerol, Jerry Arthur, Guido Neels, J. Michael Brooks, Dave Acton, Jim Wheeler and Jorg Schreiber
- Mike Cyb > Brad Schweibold, Bernie Sepaniak, Mike Winter, Joel Johns, D. Michael Young, and Mike Hayden
- Craig Edlin > Kevin Zaletel, Joe Kitterman, Bruce Wylam, Fred Keller, Frank St. John

# DIAC Survey

- Idea of the General & Administration Subcommittee
- Parallels work with Industry Resources Subcommittee
- We will lead the effort from here!

# Survey Excerpts

DIAC Members Questionnaire (Potential items-DRAFT ONLY)	
1	Why did you choose to seek membership on the DIAC? (Please rank your reasons: 1 highest- 5 lowest)
<input type="checkbox"/>	Interested in education of students
<input type="checkbox"/>	Chance to network with other members
<input type="checkbox"/>	Desire to guide School strategy
<input type="checkbox"/>	Introduce your firm to the DIAC members
<input type="checkbox"/>	Individual/Firm recognition by community and IUPUI
<input type="checkbox"/>	My company requested that I join.
<input type="checkbox"/>	Other: _____
2	Is DIAC membership worthwhile to you & your firm?
<input type="checkbox"/>	Definitely
<input type="checkbox"/>	Yes
<input type="checkbox"/>	Somewhat
<input type="checkbox"/>	Not sure
<input type="checkbox"/>	No
3	What return on investment of your time on the DIAC have you received?
<input type="checkbox"/>	Great return
<input type="checkbox"/>	Average return
<input type="checkbox"/>	Low return
<input type="checkbox"/>	No return



# Next Event

- Subcommittee Conference Call
  - Discuss survey and data gathering process
  - Discuss informal networking process
- (Tentative) September 25, 2008 4:00PM
- Confirming e-mail to follow

## Sub Committee Report to DIAC

Wayne Eckerle

September 11, 2008

# Research Subcommittee Agenda

## Continue to advise and guide research activities of the School, especially collaboration with Industry

- Agenda Items for DIAC Research Subcommittee for 2008
  - Guide Industry Relations research marketing plans
  - ☑ Help define School competitive advantage and research strategy
  - ✓ Critique Engineering Professional Practice Plan
  - Work with department Industry Advisory Boards to establish focal points from industry to help with departmental research plans
  - ☑ Critique Departmental Research Plans
  - ☑ Review concepts for the proposed Innovation Center

- Membership
  - Wayne Eckerle – Cummins
  - Jorg Schreiber – White Arrow Consulting
  - Bernie Sepaniak – D&M Holdings
  - Jim Wheeler – Thomas P. Miller & Assoc.
  - Bill Wylam – Electricore
  - Joe Kitterman – Oxygen Education
  - Hasan Akay – Associate Dean for Research & Academic Programs
  - Yaobin Chen – Chair, Electrical & Computer Engineering
  - Jie Chen – Chair, Mechanical Engineering
  - Andrew Hsu – Director, Renewable Energy Center
  - Joe Abella – School Director of Industry Relations



# Research Committee

- Met on June 19 and September 5
- Results of June meeting
  - Reviewed Department Research Plan Template
    - Recommended adding details to structure so that Department Plans can be easily rolled up into School Plan
    - Should drive School research strategy and core areas
  - Discussion of Technology & Export Control
    - Committee gave perspective of how some other universities are handling and provided contacts at West Lafayette
    - Advised to adopt flexible research and publication policies
      - Could be competitive disadvantage for School and State
    - Other Schools have an important stake in this issue
      - Informatics deals with dual-use algorithms, for example

- Results of September meeting
  - Reviewed ME Department Research Plan. The ME plan is a really good example for other departments - some improvements identified
    - Emphasize planning for future more and current status a little less
    - Add a narrative to describe goals and tie-in with trends in the marketplace
    - Add hyperlinks to provide reader more detail, if desired, on Areas of Faculty Expertise
    - Add Research Project Abstracts in appendix
    - Add specifics (goals, timeframes) to Roadmap chart-comparisons to some benchmarks would be helpful
    - Recommended adding details to structure so that Department Plans can be easily rolled up into School Plan
    - Plan needs to be in synergy with the School research strategy and core areas
    - DIAC can help garner support from the school and external funding sources if provided specifics

# Diversity, Recruitment & Retention Committee Update

- Committee:
  - Vince Newsom
  - Frank St. John
  - Terri Talbert-Hatch
  - Sam White
- Last committee meeting 8/8/2008:

- **Guide and advise the school on DRR matters by..**
  - Reviewing of goals and metrics
  - ➔ – Recommending and supporting programs and activities
  - ➔ – Critiquing schools activities and initiatives
  - ➔ – Providing an industry perspective
  - Providing a link to the school's Diversity Council

# Diversity, Recruitment & Retention Committee Update

- **Request to support I-STEM (Indiana-Science Technology Engineering Math)**
  - The I-STEM Resource Network is a partnership of Indiana’s public and private higher education institutions, K-12 schools, business, and government. It supports K–12 teachers and leaders working to implement high academic standards towards STEM literacy for all students. It also provides Indiana education leaders with new knowledge about teaching and learning.
  - **Looking for industry input in semi-annual meeting**
    - What is the current state of K-12 engineering/technology education in Indiana?
    - What specifically should be done to improve the K-12 pipeline to both university engineering/technology degree programs and the engineering/technology workforce?
    - How should the initiatives brainstormed in #2 above be implemented?
    - What roles should K-12, university, non-profit and business/industry play in the implementation mentioned above in #3?
  - **Need volunteers**



# Diversity, Recruitment & Retention Committee Update

- Dean Yurtseven asked our committee to look at how various initiatives/programs should get supported.
  - Programs (MEAP, ISTI, Pathways, Power, etc.)
  - ➔ – Overall coordination (umbrella) will aid in success
  - Program success determined by...
    - Student follow-up (pre-college and college)
    - Faculty, staff, industry support
  - Maintain metrics of each program (retention and recruitment)
    - Need to track students (pre-college and college)
    - Difficult to make good program assessment without metrics
  - ➔ ● Need someone to support collection of metrics