

## Status of School Advisory Boards

**Joe Abella**

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# Advisory Boards

- DIAC
- Alumni Board
- Mechanical Engr.
- Elect & Comp Engr.
- Biomed Engr.
- Engr. Technology
  - ECE Technology
  - ME Technology
  - BME Technology
- CILT
  - Computer Info Tech.
  - Org, Ldrship, Sprvision
- Music & Arts Tech.
- Technical Comm.
- Interior Design/Arch T
- Constr. Engr. Mgmt.
- Comp. Graphics Tech.
- Motorsports Engr.

- Thirty-Two members
- Meets six times a year
- Three Active Committees
  - Research
    - Reviews Department Research Plans
  - Diversity Retention and Recruiting
    - Working with Student Organizations
  - General Administration
    - Succession Planning
    - Membership Nomination & Recruiting
    - Long Range Plan

# 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 - DRR
- Recognize Membership & Service
- Recruit Representative Membership - 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 - DRR
- 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 - DRR
- Support K – 12 Summer Programs - DRR
- Help 7 – 12 at Risk Students - DRR

**Promote excellence in  
research and creative  
activity**

Grow Research and Realize Technology

- Industry Review of Research Programs – R
- Promote School and Industry Joint Research Pursuits - R
- Increase Awareness of Licensing & Commercialization Opportunities - R
- Bring Company Intellectual Resources to Support Technology Research - R
- IUPUI Fellows (e.g. Rolls Royce Fellows) - R

**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 Leadership & Participation – All
- Support University Funding Through Legislative Process
- Tie Into 2012 Super Bowl

# Companies Represented on the DIAC

IUPUI

SCHOOL OF ENGINEERING  
AND TECHNOLOGY

A PURDUE UNIVERSITY SCHOOL  
Indianapolis



# Alumni Board

- Thirty-Five members
- Meets four times a year
- Five Active Committees
  - Programming
    - i.e. Freshmen Barbecue
  - Awards
  - Nominating
  - Service Events
  - Annual Alumni Golf Outing
    - First or Second Friday in September

# Mechanical Engineering

- Fourteen members
- Companies represented
  - Cummins
  - Delta Faucet
  - Aero Engine Controls
  - Carrier
  - Universal Blower Pac
  - Remy
  - Raytheon
  - Candent Technology
  - RR Liberty Works
  - Allison Transmission
  - Rolls Royce
- Meets four times a year
- Supported preparations for accreditation visit
- Advised on Energy Engineering curriculum
- Evaluates Senior Capstone Projects

# Electrical & Computer Engr.

- Eighteen members
- Companies represented
  - Crane
  - Electronic Mfg Solutions
  - Lilly
  - Aero Engine Controls
  - Enerdel
  - Midwest ISO
  - E G & G
  - Delphi
  - I Power
  - Cummins
  - Remy
  - Raytheon
  - Roche Diagnostic
  - Interactive Intelligence
  - Rolls Royce
  - SAIC
- Meets four times a year
- Supported preparations for accreditation visit
- Advised on Energy Engineering curriculum
- Evaluates Senior Capstone Projects



# Biomedical Engineering

- Five members
- Companies represented
  - Spring Mill Venture Partners
  - Roche Diagnostics
  - Cook Biotech
  - Former Guidant
  - Van Andel Research Institute
- Meets two times a year
- Supported preparations for accreditation visit
- Advised on Biomed Engineering curriculum
- Reviews Research Activities

# Engineering Technology

- Consists of three sub-boards
  - MET, ECET, BMET

- Thirty-Two members

- Companies represented

Frakes Engineering

Lilly

IPL

Premier Power

Horner, APG

DAKSWAN Engineering

Blue Bean LLC

Industrial PC Inc.

OM Myers

Telemagen

Roche Diagnostics

Duke Energy

Omni-site

CSC

AMG Engineering

Allison Transmission

Delphi

Carrier

Proportion-Air

St. Francis Hospital

Rolls Royce

St. Vincent Hospital

IU Hospital

Community Hospital

- Meets twice a year

- Consists of two sub-boards
  - OLS and CIT
- Twenty members
- Companies represented

|                        |                          |
|------------------------|--------------------------|
| Truffle Media Networks | IU School of Medicine    |
| Jesubi                 | Dyn Knowledge Transfer   |
| Consult IT, Inc.       | AIT Laboratories         |
| One America            | 180 Skills               |
| Momentum               | Shiel Sexton             |
| Arcturus               | Indiana Blood Center     |
| Department of Defense  | Flashpoint HR            |
| Clarion Health         | Community Health         |
| Sheet Metal Workers    | First Wave Technology    |
| IHSAA                  | Interactive Intelligence |
- Supported preparations for accreditation visit

# Music and Arts Technology

- Twelve members
- National in membership scope
- Companies represented

Roland US  
Klipsch Audio  
MIDI Music  
Workshop  
Music For All  
MakeMusic, Inc.

Aurelex Acoustics  
Yamaha of America  
Alfred Publishing  
Georgia Tech  
Butler University

- Advising on strategic directions
- Helping with curriculum and industry expectations of students

# Technical Communications

- Fourteen members
- Meets four times per year
- Companies represented
  - Autobase Inc.
  - IUPUI Dept. of English
  - Exact Target
  - IUPUI Solution Center
  - Society of Technical Communications
  - Cedar Canyon Consulting
  - Greeley & Hansen, LLC
- Advising on strategic directions
- Reviewing curriculum

# Interior Design and Architecture Technology

- Sixteen members
- Meets four times per year
- Companies represented

Etica Group  
Ron Budney Design  
Earth Green Unlimited  
Marika Designs  
i.d.o. Inc.

Rowland Design  
Knoll Office  
WDI Architecture  
Student Design Org.  
Area Four Office Furniture

- Developed comprehensive strategic plan
- Established Community Liaison position
- Planning Student Design Organization event
- Developing fund raising options

- Fifteen members
- Meets twice per year
- Companies represented

Shrewsbury

Green Homes

T&W Corporation

PB

FA Wilhelm Construction

Boyle Construction

BMW Constructors

Turner Construction

Midwest Mole

Pepper Construction

City of Indianapolis DPW

URS Corp.

Bowen Engineering

STRADA Professional Srvs.

Demolition Industry

Consultants

- Presentations and discussions of new technology
- Keeps board current on program activities

# Motorsports Engineering

- Eleven members
- Meets twice per year
- Companies represented
  - Cummins
  - IndyCar
  - Penske Racing
  - Alan Johnson Racing
  - USAC
  - Ganassi Racing
  - Indiana Motorsports Assoc.
  - International Motorsports Assoc.
- Promoting coops and interns
- Reviewing new courses as they are developed



# Industry Advisory Boards

- Our Advisory Boards are vital to achieving our mission
- IUPUI Chancellor Bantz often cites our School as a model of engagement with industry
- Advisory Board membership is a good way for you to understand and access the resources of the University
  - Search for Faculty Expertise  
<http://www.et.iupui.edu/diac/index.aspx?menu=diac>

***Thank You to our Advisory Board members  
and companies!***