

Purdue School of Engineering and Technology, IUPUI

Dean's Industry Advisory Council

January 27, 2011

Today's Agenda



- Meeting Convened (Joe Bentley)
- Impact Campaign (John Mainella)
- Project Lead the Way (Terri Schulz)
- Break & Networking
- School Update (Dean Russomanno)
- Plans for 2011 Strategy Discussions (All)
- Wrap-Up, Adjourn and Networking



IMPACT CAMPAIGN

John Mainella Assistant Dean for Development & External Relations

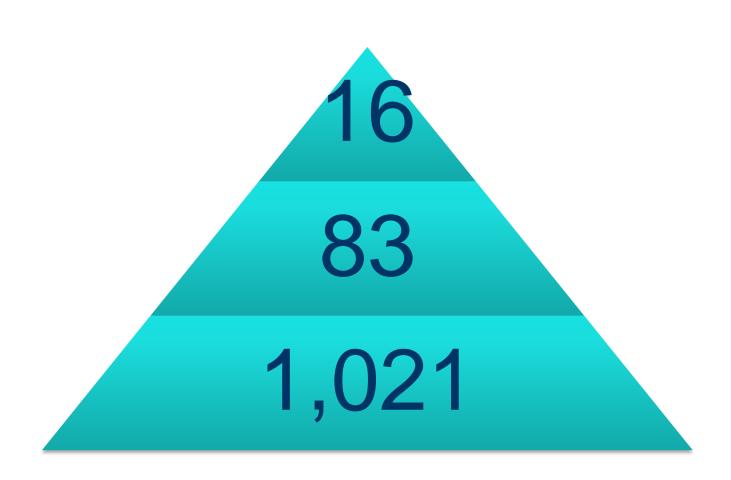
January 27, 2011



SCHOOL OF ENGINEERING AND TECHNOLOGY

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Building on the Base





Indianapolis

IMPACT Campaign

UNIT	GOAL	RAISED	%
ONT	GOAL	MAISED	70
Herron	\$8,500,000	\$7,014,938	83%
Medicine	\$892,000,000	\$640,185,103	72%
Liberal Arts	\$18,000,000	\$11,818,671	66%
Dentistry	\$35,000,000	\$22,390,297	64%
Engineering and Technology	\$14,000,000	\$8,029,641	57%
Law	\$12,000,000	\$5,805,614	48%
Science	\$16,500,000	\$7,630,680	46%
IMPACT	\$1,250,000,000	\$900,623,411	72%

IMPACT Campaign

	Philanthropic	Cash/	Irrevocable Life Income			Non- Governmental		% NG
Unit	Goal	Pledges	Gifts	Bequests	Goal	Grants Goal	Dollars Raised	Goal
Medicine	\$300,000,000	\$209,667,974	\$6,062,071	\$55,345,000	90%	\$592,000,000	\$369,110,057	62%
Dentistry	\$12,500,000	\$6,253,879	\$1,236,233	\$200,000	62%	\$22,500,000	\$14,700,185	65%
Liberal Arts	\$4,000,000	\$1,996,902	\$61,975	\$125,000	55%	\$14,000,000	\$9,634,792	69%
Science	\$8,500,000	\$2,283,648	\$35,000	\$0	27%	\$8,000,000	\$5,312,032	66%
Engineering and Technology	\$7,000,000	\$2,488,644	\$65,000	\$0	36%	\$7,000,000	\$5,475,997	78%
Law	\$11,800,000	\$3,677,875	\$526,899	\$1,500,000	48%	\$200,000	\$100,840	50%
Herron	\$8,350,000	\$6,571,542	\$10,397	\$250,000	82%	\$150,000	\$183,000	122%
IMPACT	\$581,840,000	\$405,590,940	\$9,084,577	\$61,830,000	82%	\$668,160,000	\$424,117,895	63%

Opportunities



RISE Scholarships

- Research
- International
- Service Learning
- Experiential Learning
- Endowed Professorships and Chairs
- Mini-Professorships
- School Scholarships
- Industry Sponsored Grants and Contracts
- Planned Giving among individual donors
- More active advisory councils
- Aligning development opportunities with DIAC long range plan



Project Lead the Way

Terri Schulz Program Director

January 27, 2011



School Update

Dean Russomanno

January 27, 2011

Strategic Planning



 Activities to support strategic planning are in progress

- Review accomplishments
- Listening tour
- Space study
- Build FY 12 base budgets
- Developing metrics

Review Accomplishments



 Review of major accomplishments organized around campus themes

- Report obtained from each department
- E&T summary (handout)

Listening Tour



 Informal lunch meetings scheduled in February for dean and new assistant dean to meet with faculty and staff to learn about points of pride, distinction, and opportunities

Space Study



 Consultant (JBA, Inc.) has been retained by IUPUI to perform a campus-wide space study

 Identify instructional, research, and office space utilization, plans, and needs

May influence SELB phase I and II

Meetings in February

Report in March/April?

IN Budget Background



State Allocation

cost per degree per ICHE (2009)

<u>Campus</u>	Cost per Degree
IUPUI (General Academic)	\$ 40,734
Purdue West Lafayette	\$ 41,865
IU Bloomington	\$ 44,443
University of Southern Indiana	\$ 46,349
Purdue Regional Campuses	\$ 47,271
IU Regional Campuses	\$ 51,512
Ball State	\$ 59,698
Indiana State University	\$ 67,242

The cost per degree is given by the ratio of the amount of state dollars [state appropriations + state financial aid] to the number of degrees produced [bachelor's degrees + associate degrees + certificates].

Campus Budget



State Legislature Allocation

- IUPUI (general academic) ~\$80M
- IU (IUPUI health) ~\$114M
- ~\$11M transferred from IUPUI (general academic) to IU (health) once the funding comes to campus (IU decision)
- Is it reflected in the ICHE cost per degree? If not, IUPUI's cost per degree would be ~15% less than reported by ICHE

Campus Budget Planning



- IUPUI campus committee plans to make a recommendation to the Chancellor to
 - Modify the algorithms for
 - School allocations
 - School assessment (consumption tax)
 - R&R of buildings
 - When will it be implemented?
 - Phase in?
 - Impact to E&T's budget?

E&T Budget Planning



- Dean and Fiscal Officer meeting with each department to construct FY 11-12 base
- Goal is to increase departmental base budgets and to decrease cash at the School level (unbudgeted income)
- Many recurring departmental expenses have been funded at the School level from cash rather than from the departmental base budgets
- More accurate base budgets will be more transparent and will facilitate aligning budget priorities with elements of the strategic plan

E&T Strategic Planning



- Departments (and other units, such as development) are being asked to identify
 - Strategic priorities
 - Appropriate metrics to measure effectiveness (see handout)
 - Quantify baseline performance and target goals

Example



Strategic Plan: Vision with goals, strategies, and metrics

- Vision: To be recognized as one of America's great metropolitan schools of engineering and technology
- Goal: Build and sustain nationally recognized research and graduate programs that leverage our urban setting

Goal 1 (example): Top 25 (public) BME program

Strategy	Metric	10-11	11-12	12-13	 2016 Target
Recruit and retain a world- class BME faculty	Peer ranking of faculty salaries	7/13, 10/13, 2/13			3/13, 3/13, 3/13
	Endowed chairs	1			3
	Professorships	0			5
	Fellows of Professional Societies	1			4
Strategy					
Recruit and graduate high- ability students	Incoming SAT UG Honors Avg. GA stipend BS grads. MS grads. PhD grads.				
Compete at the highest levels in scholarship and research	Avg. extramural expenditure per year Avg. journal publications per year	200K(jr), 400K(sr)			240K(jr), 480K(sr)

Additional Possible Criteria



- Ability of program to <u>remain financially</u> viable over time, as determined by student demand, research funding, etc.
- Ability of the program to showcase its unique and distinctive qualities that can <u>enhance the image</u> and <u>reputation</u> of the School (what are the metrics?)

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IUPUI

SCHOOL OF ENGINEERING AND TECHNOLOGY

A PURDUE UNIVERSITY SCHOOL

Indianapolis



Important Dates 2011

- January 27, Thursday: DIAC Meeting, 3:30 5:30 p.m.
- March 4, Friday: DIAC Meeting, 3:00 5:30 p.m.
- March 31(tentative): Dean's Council Reception, 5:00 7:00 p.m.
- April 15, Friday: School of Engineering and Technology Honors
 Convocation & Dinner, 5:30 pm Social Hour, 6:30 p.m. Dinner
- May 19, Thursday: DIAC Meeting, 12:30 5:00 p.m.
- September 16, Friday: Alumni Golf Outing
- September 23, Friday: Joint Board of Advisors Retreat, 11:00 a.m.
 4:00 p.m.
- October 28, Friday: DIAC Meeting, 8:00 10:00 a.m.
- December 8, Thursday: DIAC Meeting, 3:30 5:30 p.m.

DIAC Long Range Plan



- Tie Into 2012 Super Bowl

Mission/Objectives **Initiatives Strategies** Advisors on School Topics and Issues - All Primary Source of Industry Advice to - Engage School's Diversity Initiatives - DRR Dean and School Leaders - Recognize Membership & Service - Recruit Representative Membership - GA **Guide the School &** - Grow DIAC Leaders - GA Promote Diversity and Inclusion Advise the Dean: - Link to Dept Adv. Boards & Alumni Board - GA Nourish the partnership between school, industry, - Show Relevant Metrics - All and community Vibrant and Relevant DIAC - Grow Internships & Coops - All - Hold Industry Open Houses & Facility Tours - Define Real World Senior Projects Student - Industry Linkage - Engage Student Organizations - DRR **Enable relevant** - Provide Job Shadowing Opportunities - All educational experiences - Attend Job Fairs with Subject Matter Experts - All for students Champion Research, International, Mock Interviews Service and Experiential Learning Dev. Strategies for recruiting diverse students-DRR (RISE) - Staff the IUPUI State Fair Booth - Community / Curriculum Collaboration: (Music **Support comprehensive** Support IUPUI Community Outreach Technology & Indianapolis Symphony) outreach to the community - Support ISTEM Initiatives - DRR Support K – 12 Summer Programs - DRR K - 12 ISTEM - Fill the Pipeline Help 7 – 12 at Risk Students - DRR - Industry Review of Research Programs - R Promote excellence in - Promote School and Industry Joint Research - R research and creative Grow Research and Realize Technology - Increase Awareness of Licensing & activity Commercialization Opportunities - R - Bring Company Intellectual Resources to Support Technology Research - R Collaboration w/Industry (Pervasive - IUPUI Fellows (e.g. Rolls Royce Fellows) - R Support the intellectual Connections) and economic - Participate in Brown Bag Lectures - All development of Industry Engagement on Strategic Plans – All community stakeholders Support University Funding - Build the Education / Public / Private Bond - All - Capital Campaign Leadership & Participation - All 10/1/2010 - Support University Funding Through Legislative **Process**