

A PURDUE UNIVERSITY SCHOOL Indianapolis

Research Committee

Wayne Eckerle

Research Committee



- Wayne Eckerle
- Bernie Sepaniak
- Jorge Schreiber
- Joe Kitterman
- Bill Wylam
- Jim Wheeler
- Razi Nalim, Ed Berbari, Yaobin Chen, Jie Chen

Met August 10th

Discussed Strategic Directions

DIAC Long Range Plan



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 Advise the Dean: Promote Diversity and Inclusion - 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 (RISE) Staff the IUPUI State Fair Booth - All - Community / Curriculum Collaboration: (Music Technology & Indianapolis Symphony) Support comprehensive Support IUPUI Community Outreach Support ISTEM Initiatives - DRR outreach to the community - Support K - 12 Summer Programs - DRR - Help 7 - 12 at Risk Students - DRR K - 12 ISTEM - Fill the Pipeline Industry Review of Research Programs – R - Promote School and Industry Joint Research Promote excellence in Pursuits - 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 Support the intellectual - IUPUI Fellows (e.g. Rolls Royce Fellows) - R Connections) and economic - Participate in Brown Bag Lectures - All development of - Industry Engagement on Strategic Plans - All community stakeholders - Build the Education / Public / Private Bond - All Support University Funding - Capital Campaign Leadership & Participation - All - Support University Funding Through Legislative

Process

Tie Into 2012 Super Bowl

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Industry Review of Research Programs

- Plan Template and Four Department Plans reviewed to date
- Bernie Sepaniak has met with Dr. Fred Rees, Chair of Music and Arts Technology. Committee believes there is limited benefit to a DIAC review of an MAT Research Plan.

Record Research Funding of \$10.3M last year

- Effect on growth of research funding in BME
 - · Death of Dr. Turner
 - Dr. Yokota took a position at RPI

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Research Strategies

- School will draft a whitepaper that identifies potential research directions that align with interests of local industry
 - Assess current key strengths, strategic faculty recruiting strategies, and identification of possibilities which engage the industrial community as partners
- As direction is formulated, will need additional DIAC members on the Research Committee to further develop
- Provide Letters of Support for Grants and Proposals
 - Several DIAC firms responded to recent request
 - Thank You to all!