

# Committee Report to DIAC

**Jorge Schreiber**

**June 5, 2009**

- 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
  
- Joe Abella – School Director of Industry Relations
- Hasan Akay – Assoc Dean for Research & Academic Programs
- Yaobin Chen – Chair, Electrical & Computer Engineering
- Jie Chen – Chair, Mechanical Engineering
- Andrew Hsu – Director, Renewable Energy Center

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

- Agenda Items for DIAC Research Committee
  - Guide Industry Relations research marketing plans
  - ☑ Help define School competitive advantage and research strategy
  - Work with department Industry Advisory Boards to establish focal points from industry to help with departmental research plans
  - ☑ Critique Departmental Research Plans
  - Based on department research plans, develop resource recommendations for the School

- Met June 3, 2009
  - Attendees: Wayne Eckerle, Jorge Schreiber, Bill Wylam, Yaobin Chen, Jie Chen, Ed Berbari, Joe Abella
- Reviewed Electrical and Computer Engineering Department (ECE) research plan

## Results of June meeting

- Reviewed ECE Department Research Plan. Overall conclusion from Committee is that plan is well-done and provides a good picture of the research strategy for ECE.
- Research Awards for current year are excellent at almost \$2.4M although driven by multi-year grant for TASI.
- Data from departments at peer schools considered in establishing individual faculty research expectations
- Individual faculty research plan is major part of Professional Development Plan, prepared and reviewed annually
- Need to provide support infrastructure to relieve faculty of administrative duties to move to next level, i.e.
  - Teaching Assistants to help with grading assignments
  - Additional graduate students to assist with research
- Research Committee can examine data from peer schools and make recommendations for additional resources
- Opportunities to increase connections between School and Industry
  - Engineers in Residence
  - Industry engineers doing research at School a couple of days per week
  - Summer internships for faculty in industry