Preamble

• **Penn State:**
  – Over 82,000 students on 24 ‘Commonwealth’ campuses across PA
  – Main campus is University Park with about 45,000 students
  – University Park is located in Central PA (3-4hrs from Philadelphia, Washington DC, New York, Pittsburgh, Cleveland, etc.)

• **Architectural Engineering:**
  – One of 12 Depts/Programs in College of Engineering
  – About 500 students (400 UG and 100 grads)
  – About 25 faculty (7 of whom are adjunct)
  – *Department was 100 years in 2010 !!!*

• **Degree Programmes:**
  – 5 year B.A.E
  – M.S., M.Eng., Ph.D. in Architectural Engineering
AE Dept.’s Latest Claim to Fame:
$129m Energy Efficient Buildings Research Grant
Industry Interaction in Teaching

• Practitioner Instructor (PI) Program
• Adjunct Faculty
• Occasional Guest Lectures
• City/Site Visits – Chicago, DC, New York…
• Study Abroad – Rome, Shanghai
Industry Interaction in Research

• Over 50 companies engaged in research as collaborators
• Several companies directly sponsor research
• About 12 companies are partners in EEB Hub (with over 70 others in support roles)
• Partnership for Achieving Construction Excellence (PACE):
  – Fall Roundtable
  – Spring Research Seminar
Industry Placement and Internships

- Penn State has 100% placement of AE graduates
- 90 – 100% of AE students have an internship experience (including Graduate students)
- Graduate interns actively engaged in firms
- AE Annual Career Fair:
  - 125 -150 companies participate
  - Usually in the Fall
  - Minority colleges sometimes participate
New Industry Initiatives

• Integrated BAE/MS Program
  – Industrial graduate fellowships for MS component
  – Loosely based on EngD (Engineering Doctorate) model

• ASAE (Alumni Society) revitalized:
  – Providing mentoring
  – Access to case study materials
  – Etc.
Summary

• Industry routinely involved in Penn State:
  – Teaching
  – Research
  – Placement/Internships

• Scope for greater engagement

• Strong use of AE alumni
Thank You!
Questions