**Introduction to CEM @ Purdue**

- Established in 1976 (35 years) as a stand alone degree granting Division within College of Engineering

- CEM Faculty
  - 7 tenure track CEM/CE faculty
  - 2 tenure track ME faculty (Courtesy Appointment)
  - 2 tenure track NE faculty (Courtesy Appointment)
  - 4 Continuing Lecturers/ Lecturers
  - 1 Director of Internships/Continuing Lecturer
Introduction to CEM @ Purdue

CEM Curriculum

- Degree: BSCEM
  - 80% Engineering, 20% Management
  - Focused on construction industry requirements
  - Areas of specialization
    - Students can Minor in any areas of Engineering
    - Three 12-week internships with CEM sponsor firm (Required for Graduation)
- Minor in CEM available for students in other majors
- Also BSCE (with specialization in Construction offered through Civil Engineering)
  - Courses covered by faculty with CEM/CE appointments
CEM Graduate program

- The Purdue Construction Graduate Program:
  - students admitted through CE
  - whereas UG students are directly admitted through CEM
- Over 50 construction Ph.D.s have graduated in CEM over the past 20 years.
  - Most of them have found academic placement.
Faculty Research - Diversity

Discovery and innovation in construction engineering and management:
- Augmented Reality/Virtual Reality (Dunston)
- Contract Management with IT (Dunston, Martinez, Kandil, Hastak)
- Construction Safety (Abraham)
- Cost control and risk management (Hastak, Kandil)
- Dispute Resolution (Kandil)
- Disaster risk reduction (Hastak, Abraham)
- GIS (Cai)
- Infrastructure management (ALL)
- Project management and decision-making (ALL)
- Profitability (Hastak)
- Simulation (Martinez)
- Strategic planning (Hastak)

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Thank You!!

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