Construction Management and Engineering

Department Information

• **Department Chair:**
  David Steward, Ph.D.

• **Graduate Coordinator:**
  Huojun Yang, Ph.D.

• **Department Location:**
  Engineering 106

• **Department Phone:**
  (701) 231-6202

• **Department Web Site:**
  www.ndsu.edu/construction/ (http://www.ndsu.edu/construction/)

• **Application Deadline:**
  Fall: May 1; Spring: October 1 for M.S. and Master of Construction Management, November 1 for Certificate

• **Credential Offered:**
  MSCM, MCM, CCM

• **Test Requirement:**
  GRE (M.S. applicants)

• **English Proficiency Requirements:**
  M.S.: TOEFL iBT: 81, IELTS: 7, PTE Academic 54; Master of Construction Management: TOEFL iBT: 79, IELTS: 6.5, PTE Academic: 53

Eric Asa, Ph.D.
Associate Professor
University of Alberta, 2002
Research Interests: Infrastructure and Assets Management, Construction Materials, Engineering Education, Computational Modeling

Abdul-Aziz Banawi, Ph.D.
Assistant Professor
University of Pittsburgh, 2013
Research Interests: Life Cycle Assessment, Building Information Modeling, Building Construction - Virtual Reality, Green Buildings and Sustainability, Lean Construction and Six-Sigma

Zhili (Jerry) Gao, Ph.D., P.E., C.P.C
Associate Professor and Department Chair
Iowa State University, 2004
Research Interests: Lean Construction, Virtual Design and Construction (Visualization, BIM Development and Implantation), Advanced Concrete Techniques (Sustainable Concrete, New Concrete Materials And Structures)

Todd L. Sirotiak, MBA, Ph.D., P.E., C.P.C.
Associate Professor
Iowa State University, 2008
Research Areas: Cost Control, Sustainability, and Engineering Education

Huojun Yang, Ph.D.
Assistant Professor and Graduate Program Coordinator
University of Nebraska-Lincoln, 2012
Research Interest: Built Environmental Systems, Smart Buildings, Building Energy Efficiency, Renewable Energy, and Thermophysical properties measurement of porous materials

Yao Yu, Ph.D.
Assistant Professor
North Carolina A&T State University, 2014
Research Areas: Building Energy Conservation Technology, Computational Airflow Modeling, and HVAC System Design and Simulation