

# Construction Management

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## Department Information

- **Interim Department Chair:**  
Xuefeng (Michael) Chu, Ph.D., F.EWRI
- **Graduate Coordinator:**  
Kalpana S. Katti, Ph.D., F. AIMBE
- **Department Location:**  
Engineering 106
- **Department Phone:**  
(701) 231-6202
- **Department Web Site:**  
[www.ndsu.edu/construction/](http://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; Duolingo 105

### **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