BIOLOGICAL SYSTEMS ENGINEERING
Abia Katimbo

CIVIL AND ENVIRONMENTAL ENGINEERING
Nirupam Aich

THE DURHAM SCHOOL OF ARCHITECTURAL ENGINEERING AND CONSTRUCTION
Andre Messner

ELECTRICAL AND COMPUTER ENGINEERING
Craig Zuhlke

ENGINEERING MANAGEMENT
Neal Lewis

SCHOOL OF COMPUTING
Jeffrey Falkinburg
Bhuvaneswari Gopal
Seth Polsley - Jeffrey S. Raikes School of Computer Science and Management

Nirupam Aich
Associate Professor
Civil and Environmental Engineering
City Campus

B.S., Chemical Engineering, Bangladesh University of Engineering & Technology
M.S., Environmental Engineering, University of South Carolina
Ph.D., Environmental Engineering, University of Texas

Previous Experience
Assistant Professor, University of Buffalo

Research
Rational design of multifunctional nanomaterials for treatment of legacy and emerging pollutants, Additive manufacturing or 3D printing for nano-enabled water treatment,
Sustainable design of nanocomposite membranes for water treatment and resource recovery, Data driven (nano)material discovery for environmental remediation and separations,
Global health inequity due to air, soil, and water pollution from electronic and plastic waste recycling

Jeffrey Falkinburg
Assistant Professor of Practice
School of Computing
City Campus

A.S., Electronics Systems Technology, Community College of the Air Force
B.S., Computer Engineering, University of Nebraska-Lincoln
M.S., Computer Engineering, Air Force Institute of Technology

Previous Experience
Lecturer, School of Computing, University of Nebraska-Lincoln; Assistant Professor, Aerospace studies, Air Force Reserve Officer Training Corp, University of Nebraska-Lincoln; Assistant Professor, Electrical and Computer Engineering, U.S. Air Force Academy

Expertise
Bhuvaneswari Gopal  
Assistant Professor of Practice  
School of Computing  
City Campus

B.S., Physics, University of Madras  
M.Sc., Medical Physics, Anna University  
M.S., Computer Science, University of Nebraska-Lincoln  
Ph.D., Computer Science, University of Nebraska-Lincoln

Previous Experience  
Lecturer, School of Computing, University of Nebraska-Lincoln; Assistant Director of Design Studio, Jeffrey S. Raikes School of Computer Science and Engineering, University of Nebraska-Lincoln; Senior Software Engineer, PEN-LNK, Inc.

Expertise  
Software Engineering Education, CS Education, Software Engineering, HCI

Abia Katimbo  
Assistant Professor and Irrigation Management Specialist  
Biological Systems Engineering  
East Campus

B.S., Agricultural Engineering, Makerere University  
M.S., Land and Water Systems, University of British Columbia, Canada  
Ph.D., Agricultural Engineering, University of Nebraska-Lincoln

Previous Experience  
Graduate Research Assistant, Teaching Assistant, Manuscript Reviewer

Research  
Sensor-based irrigation management, Smart irrigation scheduling using dense wireless sensor networks, Developing irrigation decision support tools, Modeling soil water and crop water dynamics
Neal Lewis
Professor of Practice
Engineering Management
Online

B.S., Chemical Engineering, University of Missouri- Rolla
MBA, Business Administration, University of New Haven
Ph.D., Engineering Management, University of Missouri- Rolla

Previous Experience
Assistant Professor of Practice, Master of Engineering Management, University of Nebraska-Lincoln; Associate Professor, Technology Management, University of Bridgeport; Associate Professor and coordinator, Marshall University; Plant Engineer, Bayer Corporation; Section Head, The Procter & Gamble Company

Expertise
Engineering management, Engineering economics, Operations management, Pharmaceutical manufacturing

Andre Messner
Assistant Professor of Practice
Durham School of Architectural Engineering and Construction
Scott Campus

B.S., Electrical Engineering, California State University
M.S., Project Management, Colorado Technical University

Previous Experience
Senior Project Manager, Haussmann Construction Inc.; Project Manager, Kiewit Building Group; Chief Building Official, City of St. Joseph; Owner, Messner Homes, LLC; Project Manager, Fresh Connect LLC.

Expertise
Personnel Development, Budgeting, Negotiations, Effective Communications, Strategic Planning, Project Scheduling
Seth Polsley
Assistant Professor of Practice
School of Computing / Jeffrey S. Raikes School of Computer Science and Management
City Campus

B.S., Computer Engineering, University of Kansas
M.S., Computer Engineering, Texas A&M University
Ph.D., Computer Engineering, Texas A&M University

Previous Experience
Graduate Intern, Massachusetts Institute of Technology Lincoln Laboratory; Software Developer Intern, Lexmark International

Expertise
Intelligent systems design, human-computer interaction to support novel educational and universal computing experiences, intelligent tutoring systems, brain-computer interfaces, Natural language processors for medical and legal texts

Craig Zuhlke
Associate Professor
Electrical and Computer Engineering
City Campus

B.S., Electrical Engineering, University of Nebraska-Lincoln
Ph.D., Electrical Engineering, University of Nebraska-Lincoln

Previous Experience
Co-Director, Center for Electro-Optics and Functionalized Surfaces, University of Nebraska-Lincoln; Research Associate Professor, Electrical and Computer Engineering, University of Nebraska-Lincoln; Research Assistant Professor, Electrical and Computer Engineering, University of Nebraska-Lincoln

Research
Femtosecond laser/materials interactions and on applications of metallic surfaces functionalized with a femtosecond laser, potential of the laser processed surfaces to enhance heat transfer, to reduce drag, and to provide anti-icing and anti-bacterial properties

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