



University of Iowa Book of Experts

Eighty-sixth General Assembly
2016 Session

Contact:
Keith Saunders
keith-saunders@uiowa.edu
(319) 240-0007

Table of Contents

Budgeting	1 - 5
Cultural Affairs	6 - 8
Economic Development	9 - 29
Education	30 - 66
Environment & Energy	67 - 76
Health Care	77 - 97
Human Services	98 - 102
Judiciary	103 - 109
Lunch and Learn Lecturers	110 – 112
Postsecondary Education	113 - 120
Public Health	121 - 134
Research	135 - 168
Transportation	169 - 170

Budgeting

Cost Accounting

Amy An

Lecturer in Accounting

- Compliance, research and review of tax issues, and tax issues and preparedness

amy-an@uiowa.edu

(319) 335-1405

Thomas Carroll

Lecturer in Accounting, Director of the Masters in Accountancy Program

- Financial Reporting, Iowa CPA pass rates

thomas-carroll@uiowa.edu

(319) 335-2727

Daniel Collins

Professor of Accounting

- Corporate governance, financial accounting, the role of earnings and other accounting numbers in struggles for corporate control.

daniel-collins@uiowa.edu

(319) 335-0912

Douglas DeJong

Professor of Accounting

- Corporate governance (US and international), experimental economics, strategic games, markets and econometrics, International financial Reporting Standards (IFRS).

douglas-dejong@uiowa.edu

(319) 335-0919

Kevin Den Adel

Lecturer in Accounting

- Auditing and financial reporting

kevin-denadel@uiowa.edu

(319) 335-1412

Cristi Gleason

Associate Professor of Accounting

- Financial accounting and reporting, financial reporting of income tax

cristi-gleason@uiowa.edu

(319) 335-1505

Paul Hribar
Professor of Accounting

- Research in financial accounting, measurements of earnings management, accounting-based anomalies, predicting stock returns using accounting data.

paul-hribar@uiowa.edu

(319) 335-1008

Richard Mergenthaler
Associate Professor of Accounting

- Earnings management, the correlation between bad earnings news and market reactions, pro forma reporting

rick-mergenthaler@uiowa.edu

(319) 335-0848

Mark Penno
Professor of Accounting

- Accounting theory

mark-penno@uiowa.edu

(319) 335-1409

Yasmine Rezai, MBA, MHA
Grants and Contracts, State Hygienic Laboratory

- Assesses true cost of testing and other laboratory services provided to local, state and national partners

yasmine-rezai@uiowa.edu

(319) 335-4459

Government Contracts

John Reitz
Edward Carmody Professor of Law and Director of LLM Programs and Visiting Scholars

john-reitz@uiowa.edu

(319) 335-9086

Lean Management

Philip Jones
Professor of Management Sciences

- Helps businesses across the state implement Lean theories so they may streamline their operations.

philip-c-jones@uiowa.edu

(319) 335-3737

Lorelei Kurimski

Performance Excellence Consultant, State Hygienic Laboratory

- Lean application in process/systems redesign, and alignment to organizational strategic planning, workforce development, operations and sustainability

lorelei-kurimski@uiowa.edu

(319) 335-4979

Jeffrey Ohlmann

Associate Professor, Management Sciences

- Heuristic search, logistics and fleet management, operations research in agriculture, sports analytics

jeffrey-ohlmann@uiowa.edu

(319) 335-0837

Barrett Thomas

Associate Professor of Management Sciences

- Helps businesses across the state implement Lean theories so they may streamline their operations.

barrett-thomas@uiowa.edu

(319) 335-0938

Non-Profits

Willard Boyd

President Emeritus and Rawlings-Miller Professor of Law

- One of the founders of the Iowa Nonprofit Resource Center; Chair of the Iowa Cultural Trust / Member of the US Department of State; Presidential Cultural Property Advisory Committee

willard-boyd@uiowa.edu

(319) 335-9004

Carolyn Jones

Dean Emerita and F. Wendell Miller Professor of Law

carolyn-jones@uiowa.edu

(319) 335-9034

Richard Koontz, Director of Iowa Nonprofit Resource Center and Adjunct Faculty Member

richard-koontz@uiowa.edu

(319) 335-7094

Public Administration

Tim Hagle, JD, PhD

Associate Professor of Political Science

- Policy making, management, budgeting and personnel

timothy-hagle@uiowa.edu

(319) 335-2348

Taxes

Amy An

Lecturer in Accounting

- Compliance, research and review of tax issues, and tax issues and preparedness

amy-an@uiowa.edu

(319) 335-1405

Cristi Gleason

Associate Professor of Accounting

- Financial accounting and reporting, financial reporting of income tax

cristi-gleason@uiowa.edu

(319) 335-1505

Andy Grewal

Associate Professor of Law

amandeep-grewal@uiowa.edu

(319) 849-8757

Carolyn Jones

Dean Emerita and F. Wendell Miller Professor of Law

carolyn-jones@uiowa.edu

(319) 335-9034

Cultural Affairs

Anthropology

Laura Graham

Associate Professor, Anthropology Department

- Expert in Expressive Performance and Verbal Art, Language and Culture/Discourse Analysis and Indigenous Media/Technology and Culture

laura-graham@uiowa.edu

(319) 335-0517

Art History

John Beldon Scott, Ph.D.

Professor, Art History

Director, School of Art & Art History

Jb-scott@uiowa.edu

(319) 335-1771

Joni Kinsey

Professor, Art and Art History

- American Art, especially landscape painting, art of the American West and Midwest, American prints and print culture, and museum studies.

joni-kinsey@uiowa.edu

(319) 335-1781

Barbara Mooney

Associate Professor, History

- American and Midwest Architectural History

barbara-mooney@uiowa.edu

(319) 335-1785

Art Museums and Cultural Institutions

Sean O'Harrow, Ph.D.

Director, University of Iowa Museum of Art

- Expert in art museum management and issues, and non-profit management

sean-oharrow@uiowa.edu

(319) 335-1727

Book Arts

Tim Barrett, BA

Associate Professor, Center for the Book

- Oversees the UICB Research and Production Paper Facility. His current research is focused on the non-destructive analysis of European paper made between the 14th and the 19th centuries.

timothy-barrett@uiowa.edu

(319) 621-2493

Film

Timothy Havens

Associate Professor, Communication Studies

- Expert in media industries, especially television and film production and distribution, globalization

Timothy-havens@uiowa.edu

(319) 335-0614

Second Language Acquisition

Judy Liskin-Gasparro, Ph.D.

Associate Professor, Second Language Acquisition

- Research focuses on second-language pedagogy and applied linguistics.

judith-liskin-gasparro@uiowa.edu

(319) 335-2248

Roumyana Slabakova, Ph.D.

Professor, Second Language Acquisition

- Semantics of aspectual tenses and their L2 acquisition.

roumyana-slabakova@uiowa.edu

(319) 335-0208

Theater

Alan MacVey

Professor, Director of the Division of Performing Arts and Chair of the Theatre Arts Department

alan-macvey@uiowa.edu

(319) 335-2700

Visual Art

Eloy Barragán

Associate Professor

Director Undergraduate Program, Choreographer

- Expertise: ballet technique and choreography

eloy-barragan@uiowa.edu

(319) 335-2183

Kathleen Edwards

Chief Curator, University of Iowa Museum of Art

- Expert in American and European art

kathleen-edwards@uiowa.edu

(319) 335-1729

Economic Development

Advertising

Alice Wang

Associate Professor of Marketing

- How not to make your customers mad at you because you are advertising during their favorite programs.

jing-wang@uiowa.edu

(319) 335-0843

John Murray

Associate Professor of Marketing

- Brand development and architecture, consumer behavior, new product and pricing decisions, product management, strategic brand positioning

john-murry@uiowa.edu

(319) 335-0965

Bankruptcy and Debt

Pat Bauer

Professor of Law

patrick-bauer@uiowa.edu

(319-335-9014)

Bio ventures

Karim Abdel Malek

Professor, Biomedical Engineering

Director, Center for Computer Aided Design

- Digital human modeling; robotics; geometric design; kinematics; dynamics; machine design; CAD/CAM; virtual reality. Founder of two start-up companies from UI research – Santos Human, Inc., Cyber-Anatomy, Inc.

karim-abdel-malek@uiowa.edu

(319) 335-5676

Jasbir S. Arora

Professor, Civil and Environmental Engineering

Director of Academic Development, Center for Computer Aided Design

- Optimization of digital human models; Predictive dynamics; optimization and control of nonlinear systems.

jasbir-arora@uiowa.edu

(319) 335-5658

Jia Lu

Professor, Mechanical and Industrial Engineering
Researcher, Center for Computer Aided Design

- Biomechanics, Continuum Mechanics, Computational Mechanics, Finite Elasticity.

jia-lu@uiowa.edu

(319) 335-6405

Colby C. Swan

Professor, Civil and Environmental Engineering
Researcher, Center for Computer Aided Design

- Structural composites; multi-scale computational clothing models for digital humans; structural topology optimization of compliant mechanisms; and bone adaptation phenomena.

colby-swan@uiowa.edu

(319) 335-5831

Business Analytics

Jeffrey Ohlmann

Associate Professor, Management Sciences

- Heuristic search, logistics and fleet management, operations research in agriculture, sports analytics

jeffrey-ohlmann@uiowa.edu

(319) 335-0837

Gautam Pant

Associate Professor, Management Sciences

- Analytics, business intelligence, online visibility, web mining

gautam-pant@uiowa.edu

(319) 335-0961

Nick Street

Professor, Management Sciences

- Data mining, health informatics

nick-street@uiowa.edu

(319) 335-1016

Barrett Thomas

Associate Professor of Management Sciences

- Helps businesses across the state implement Lean theories so they may streamline their operations.

barrett-thomas@uiowa.edu

(319) 335-0938

Business Development

Dimy Doresca
Lecturer and Director, Institute for International Business

- Global business development

dimy-doresca@uiowa.edu
(319) 335-1379

David Hensley
Clinical Professor and Executive Director, John Pappajohn
Entrepreneurial Center

- Entrepreneurial Strategies
- Feasibility and Business Planning
- Small Business Finance

david-hensley@uiowa.edu
(319) 335-1022

Philip Jordan
Assistant Director, Economic Development
John Pappajohn Entrepreneurial Center

- Business liaison engaging businesses with student teams.

philip-jordan@uiowa.edu
(319) 335-0959

Johannes Ledolter
Professor of Management Sciences

- Researches the use of a statistical technique called experimental design which helps a company increase its customer base.

johannes-ledolter@uiowa.edu
(319) 335-3814

Pamela J. Mollenhauer
Program Manager – Laboratory Liaison

- Manages intergovernmental agency relations

pamj-mollenhauer@uiowa.edu
(319) 335-1654

Dhanajay (DJ) Nayakankuppam
Associate Professor of Marketing

- Researches the purchasing tendencies of consumers

dhanajay.nayakanuppam@uiowa.edu
(319) 335-1981

Bonnie Rubin, CLS, MBA, MHA
Associate Director for Planning and Development – State Hygienic
Laboratory

- Oversees key operational functions and agency development initiatives

bonnie-rubin@uiowa.edu
(319) 335-4861

Business Law

Robert Miller
Professor of Law and F. Arnold Daum Fellow in Corporate Law
robert-t-miller@uiowa.edu
(319) 335-9001

Maya Steinitz
Professor of Law
maya-steinitz@uiowa.edu
(319) 335-9033

Joseph Yockey,
Professor and Michael and Brenda Sandler Faculty Fellow in Corporate Law
joseph-yockey@uiowa.edu
(319) 335-9883

Sheldon F. Kurtz,
David H. Vernon Professor of Law
Sheldon-kurtz@uiowa.edu
319-335-9069

Career Development

David Baumgartner, Ph.D.
Assistant Provost for Enrollment Management/Director of the Pomerantz Career Center

- Experienced in corporate outplacement, experiential education (employer and student side), career advising, job search strategies, and corporate and employer development.

david-baumgartner@uiowa.edu
(319) 335-1023

Kelli Delfoss
Director, Engineering Professional Development

- Recruit employer partners for the College's co-op/internship and career programs, advise students and alumni on professional issues: including resume writing, negotiating, interviewing, and other job search skills/career search strategies. Coordinates engineering career fairs.

kelli-delfosse@uiowa.edu
(319) 335-6280

Amy Kristof-Brown
Professor of Management

- Person-environmental fit
- Impression management in interviews

amy-kristof-brown@uiowa.edu
(319) 335-0928

Greg Stewart
Professor, Management and Organizations

- Expert in personality and performance effectiveness of interview techniques including strong handshakes and good eye contact.

greg-stewart@uiowa.edu
(319) 335-1947

Competition Law

Christina Bohannon
Professor and Lauridsen Family fellow in Law
Christina-bohannon@uiowa.edu
(319) 335-8337

Herbert Hovenkamp
Professor, Law
Ben and Dorothy Willie Chair
Director of The Innovation, Business and Law center at The University of Iowa College of Law. The center is an interdisciplinary teaching and research venture bringing together faculty who teach and study problems of business, technology, innovation, regulation, and legal policy from diverse perspectives. The purpose of the *Center* is twofold. First it seeks to offer an innovative curriculum and outstanding legal training in the areas pertaining to government regulation of entrepreneurship, innovation and management of resources. Second, it seeks to encourage creative individual and collaborative interdisciplinary research in these areas.

herbert-hovenkamp@uiowa.edu
(319) 335-9079

Computer Science

Octav Chipara
Assistant Professor, Computer Science

- Expert in sensor networking and embedded systems

octav-chipara@uiowa.edu
(319) 335-0561

James Cremer
Professor, Computer Science

- Expert in virtual reality and mobile computing

james-cremer@uiowa.edu
(319) 321-1893

Yvonne Galusha
Lecturer, Management Sciences

- Computer security, information systems development, multi-media web-based applications

yvonne-galusha@uiowa.edu
(319) 353-2230

Ted Herman
Professor, Computer Science

- Expert in sensor networking and embedded systems

ted-herman@uiowa.edu
(319) 335-2833

Juan Pablo Hourcade
Assistant Professor, Computer Science

- Expert in human computer interaction, educational technology, assistive technology, and health IT

juanpablo-hourcade@uiowa.edu
(319) 353-2543

Douglas Jones
Associate Professor, Computer Science

- Expert in electronic voting

douglas-w-jones@uiowa.edu
(319) 335-0740

Jeffrey Ohlmann
Associate Professor, Management Sciences

- Heuristic search, logistics and fleet management, operations research in agriculture, sports analytics

jeffrey-ohlmann@uiowa.edu
(319) 335-0837

Gautam Pant
Associate Professor, Management Sciences

- Analytics, business intelligence, online visibility, web mining

gautam-pant@uiowa.edu
(319) 335-0961

Alberto Segre
Professor, Computer Science

- Expert in informatics and computational epidemiology

alberto-segre@uiowa.edu
(319) 335-1713

Padmini Srinivasan
Professor, Computer Science

- Expert in text retrieval and text/web mining

padmini-srinivasan@uiowa.edu
(319) 335-0733

Nick Street
Professor, Management Sciences

- Data mining, health informatics

nick-street@uiowa.edu
(319) 335-1016

Cesare Tinelli
Associate Professor, Computer Science

- Expert in software engineering, automated reasoning, and artificial intelligence

cesare-tinelli@uiowa.edu
(319) 335-0735

Kasturi Varadarajan
Associate Professor, Computer Science

- Expert in algorithms and theoretical computer science

kasturi-varadarajan@uiowa.edu
(319) 335-0732

Christopher Wyman
Associate Professor, Computer Science

- Expert in computer graphics

christopher-wyman@uiowa.edu
(319) 353-2549

Kang Zhao
Assistant Professor, Management Sciences

- Social network analysis, social media mining, social computing, business analytics

kang-zhao@uiowa.edu
(319) 335-3831

Contract Law

Eric Andersen
Associate Academic Dean and Professor of Law

eric-andersen@uiowa.edu
(319) 335-9090

Steven J. Burton
John F. Murray Professor
steven-burton@uiowa.edu
319-335-9024

Corporate Finance

Robert Miller
Professor of Law and F. Arnold Daum Fellow in Corporate Law
robert-t-miller@uiowa.edu
(319) 335-9001

Employment Discrimination Law

Angela Onwuachi-Willig
Charles M. and Marion J. Kierscht Professor of Law
angela-onwuachi@uiowa.edu
(319) 335-9043

Employment Law

Lea VanderVelde
Josephine R. Witte Chair
l-vandervelde@uiowa.edu
(319) 335-9102

Entrepreneurs

Lynn Allendorf
Director, John Pappajohn Entrepreneurial Center
Director, Bedell Entrepreneurship Learning Laboratory

- Helps University of Iowa students interested in building their own businesses and prepare for the life of an entrepreneur.

lynn-allendorf@uiowa.edu
(319) 335-3714

David Hensley
Clinical Professor and Executive Director, John Pappajohn Entrepreneurial Center

- Entrepreneurial Strategies
- Feasibility and Business Planning
- Small Business Finance

david-hensley@uiowa.edu
(319) 335-1022

Herbert Hovenkamp

Professor, Law

Ben and Dorothy Willie Chair

Director of The Innovation, Business and Law center at The University of Iowa College of Law. The center is an interdisciplinary teaching and research venture bringing together faculty who teach and study problems of business, technology, innovation, regulation, and legal policy from diverse perspectives. The purpose of the *Center* is twofold. First it seeks to offer an innovative curriculum and outstanding legal training in the areas pertaining to government regulation of entrepreneurship, innovation and management of resources. Second, it seeks to encourage creative individual and collaborative interdisciplinary research in these areas.

herbert-hovenkamp@uiowa.edu

(319) 335-9079

Jason Rantanen

Associate Professor of Law

Jason-rantanen@uiowa.edu

319-335-9109

Finance

Artem Durnev

Associate Professor of Finance

- corporate finance, corporate governance, energy sector, exchange rates, financial crises

artem-durnev@uiowa.edu

(319) 335-2626

Jon Garfinkel

Professor of Finance

- Corporate finance behavior, corporate investment behavior, divergent investor opinions, inside trading

jon-garfinkel@uiowa.edu

(319) 335-0943

Erik Lie

Professor of Finance

- Corporate options, financial restructuring and CEO compensation

erik-lie@uiowa.edu

(319) 335-0846

Yiming Qian

Associate Professor of Finance

- Corporate finance, IPO's, mergers and acquisitions, corporate governance, capital markets

yiming-qian@uiowa.edu

(319) 335-0934

Housing and Home Foreclosures

Jerry Anthony, Ph.D.

Associate Professor, Urban and Regional Planning

- Researches housing and community development issues – in particular federal, state and local housing policies and the development of affordable housing.

jerry-anthony@uiowa.edu

(319) 335-0622

Martin Gervais

Associate Professor of Economics

- Housing economics, labor economics, public finance

martin-gervais@uiowa.edu

(319) 335-2087

Jarjisu Sa-Aadu

Professor of Finance

- Fixed income securities, mortgage choice and mortgage pricing, real estate finance and investments, Real Estate Investment Trusts (REITs)

jsa-aadu@uiowa.edu

(319) 335-0930

Leonard Sandler

Clinical Professor

- Provides consultant services to local governments, developers and grassroots organizations and supervises clinical law programs relating to accessible housing, affordable housing and universal design.

leonard-sandler@uiowa.edu

(319) 335-9030

Insurance Market

Larry Hershberger

Director of the Vaughan Institute of Risk Management and Insurance

- The Institute provides leadership in key areas of RMI, including credit risk, enterprise risk management, corporate risk, catastrophic and technology risks, cash management and financial risk management.

larry-hershberger@uiowa.edu

(319) 335-0856

Thomas Berry-Stoelzle

Associate Professor of Finance

- Risk management, property-liability insurance, life insurance, insurance capitalization

Thomas-berry@uiowa.edu

(319) 335-0854

Richard Peter

Assistant Professor of Finance

- Health economics, health insurance, health savings accounts, risk reduction

Richard-peter@uiowa.edu

(319) 335-0944

Investment

Todd Houge

Lecturer in Finance

- Applied equity valuation, financial analysts and financial institutions, investment strategies, market efficiency, portfolio management.

todd-houge@uiowa.edu

(319) 335-3754

Ashish Tiwari

Associate Professor of Finance

- Asset pricing, market microstructure, mutual funds / hedge funds

ashish-tiwari@uiowa.edu

(319) 353-2185

Tong Yao

Associate Professor of Finance

- Stock return predictability, investment management, mutual funds

tong-yao@uiowa.edu

(319) 335-3924

Local Government

Jeff Schott

Director, Institute of Public Affairs

- The center provides a wide range of services to Iowa's local governments.

jeff-schott@uiowa.edu

(319) 335-7586

Management

Amy Kristof-Brown

Professor of Management and Organizations

- Expatriate adjustment, impression management in interviews, person-environment fit

amy-kristof-brown@uiowa.edu

(319) 335-0928

Kenneth Brown

Professor of Management and Organizations

- e-Learning, motivation and self-regulation, training and design evaluation

kenneth-g-brown@uiowa.edu

(319) 335-0924

Amy Colbert

Associate Professor of Management and Organizations

- Intrinsic motivation, leadership, person-environment fit, personality

amy-colbert@uiowa.edu

(319) 335-0932

Eean Crawford

Assistant Professor of Management and Organizations

- Employee engagement, groups and teams, social networks

eean-crawford@uiowa.edu

(319) 335-2884

Mikhail Grachev

Adjunct Professor of Management and Organizations

- Cross-cultural management and leadership, emerging markets, global business strategy

Mikhail-grachev@uiowa.edu

(319) 335-0927

Lon Moeller

Associate Provost, Undergraduate Education
Clinical Professor of Management and Organizations

- Collective bargaining, conflict resolution / negotiation, disability-based discrimination, employment law, labor arbitration and mediation

lon-moeller@uiowa.edu

(319) 335-0148

Scott Seibert

Professor of Management and Organizations

- Careers, leadership, motivation

scott-seibert@uiowa.edu

(319) 335-0844

Sara Rynes-Weller

Professor of Management and Organizations

- Compensation strategies and outcomes, human resource strategies job search and recruitment, management education

sara-rynes@uiowa.edu

(319) 335-0838

Manufacturing

Christoph Beckermann

University of Iowa Foundation Distinguished Professor of Mechanical and Industrial Engineering

Director Solidification Laboratory

- Solidification of metal alloys and composites; transport phenomena in multi-phase, multi-component systems; heat and mass transfer in buoyancy driven systems and in porous media.

christoph-beckermann@uiowa.edu

(319) 335-5681

Yong Chen

Associate Professor, Mechanical and Industrial Engineering

Researcher, Center of Computer-Aided Design

- Statistics; operations research; manufacturing.

yong-chen@uiowa.edu

(319) 335-6106

Kyung K. Choi

Carver Professor of Mechanical Engineering
Professor, Mechanical and Industrial Engineering
Researcher, Center for Computer-Aided Design

- Reliability-based design optimization (design for 6-sigma) with target confidence level; surrogate modeling for RBDO; sampling-based RBDO; mechanical systems analysis; design sensitivity analysis and optimal design of nonlinear systems; computational methods in mechanics; mathematical theory of optimization and its application to mechanical systems.

kyung-choi@uiowa.edu

(319) 335-5684

Hongtao Ding

Assistant Professor, Mechanical and Industrial Engineering

- Laser material processes; machining; manufacturing process modeling; severe plastics deformation; microstructural evolution; grain refinement.

hongtao-ding@uiowa.edu

(319) 335-5674

Philip Jones

Professor of management sciences

- Helps businesses across the state implement Lean theories so they may streamline their operations.

philip-c-jones@uiowa.edu

(319) 335-3737

Andrew Kusiak

Professor and Departmental Executive Officer, Mechanical and Industrial Engineering

Professor, Organizations, Systems & Community Health

- Computational intelligence; data mining; operations research; knowledge discovery; engineering design; manufacturing; energy systems; production management and medical and pharmaceutical applications.

andrew-kusiak@uiowa.edu

(319) 335-5934

Johannes Ledolter

Professor, Management Sciences

- Probability and statistics for engineering statistical methods for quality and productivity improvement

johannes-ledolter@uiowa.edu

(319) 335-3814

Amaury Lendasse
Associate Professor, Mechanical and Industrial Engineering

- Machine learning, time series prediction, neural networks, environmental modeling, corporate finance

amaury-lendasse@uiowa.edu
(319) 335-5264

Timothy Lowe
Professor, Management Sciences

- Facility location / design and logistics, production and operations management, supply chain management

timothy-lowe@uiowa.edu
(319) 335-1026

Renato de Matta
Associate Professor, Management Sciences

- Flexible manufacturing systems, logistics, operations management, production planning and scheduling, supply chain management

renato-dematta@uiowa.edu
(319) 335-0956

Jeffrey Ohlmann
Associate Professor, Management Sciences

- Heuristic search, logistics and fleet management, operations research in agriculture, sports analytics

jeffrey-ohlmann@uiowa.edu
(319) 335-0837

Priyadarshini Pennathur
Assistant Professor, Mechanical and Industrial Engineering

- Cognitive Engineering, Human factors, Patient Safety, Healthcare

priyadarshini-pennathur@uiowa.edu
(319) 335-5683

Sharif Rahman
Professor, Mechanical and Industrial Engineering
Researcher, Center for Computer-Aided Design

- Multiscale mechanics of heterogeneous materials; high-dimensional model representation; stochastic mesh free and finite element methods, stochastic optimization; probabilistic fracture mechanics; and mechanics of nano-structured materials.

sharif-rahman@uiowa.edu
(319) 335-5679

Thomas Schnell

Associate Professor, Mechanical and Industrial Engineering
Director, Operator Performance Laboratory

- Human factors and ergonomics research: Visual performance, eye scanning, driver behavior assessment and measurement, accident analyses, human perception and information processing, human sensory capabilities and limitations, industrial hygiene, digital computer simulation (traffic engineering or manufacturing), statistical analysis and modeling, designed experiment, questionnaire design, software and database design, intelligent systems (expert systems and neural networks), image processing and vision systems. As director of the Operator Performance Laboratory, conducts research on human-in-the-loop and intelligent autonomous systems to increase efficiency, inter-operability, and safety.

thomas-schnell@uiowa.edu

(319) 384-0811

Hiroyuki Sugiyama

Associate Professor, Mechanical and Industrial Engineering

- Computational dynamics of multibody systems, vehicle dynamics, wheel/rail contact, tire/road interaction, mechanical vibration, finite element method.

hiroyuki-sugiyama@uiowa.edu

(319) 335-5682

Barrett Thomas

Associate Professor of Management Sciences

- Helps businesses across the state implement Lean theories so they may streamline their operations.

barrett-thomas@uiowa.edu

(319) 335-0938

Geb W. Thomas

Associate Professor, Mechanical and Industrial Engineering

- Virtual Reality; Robotics; Human-Computer Interaction.

geb-thomas@uiowa.edu

(319) 335-5936

Shaoping Xiao

Associate Professor, Mechanical and Industrial Engineering

Researcher, Center for Computer Aided Design

- Nanotube technology; nanomechanics; materials science; solid mechanics; finite element methods; meshfree particle methods; and topological optimizations.

shaoping-xiao@uiowa.edu

(319) 335-6009

Market Prediction

Joyce Berg

Professor, Accounting

Director of the Iowa Electronic Markets

- Ongoing research project that tests the prediction of markets to predict future events (i.e. political elections, influenza outbreaks and movie box office grosses).

joyce-berg@uiowa.edu

(319) 335-0840

Thomas Rietz

Professor, Finance

- Expert in utilizing Iowa Electronic Markets for political outcomes

thomas-rietz@uiowa.edu

(319) 335-0856

Marketing

Catherine Cole

Professor of Marketing

- Effects of couponing on purchase and repeat purchase rates, elderly adults' use of consumer information

cathy-cole@uiowa.edu

(319) 335-1020

David Collins

Lecturer in Marketing

- Database/direct marketing, customer relationship management, integrated marketing communication strategies, marketing management and strategic planning

david-e-collins@uiowa.edu

(319) 335-3780

William Hedgcock

Assistant Professor of Marketing

- Decision neuroscience, decision making, decision bias, neuromarketing

william-hedgcock@uiowa.edu

(319) 335-0894

John Murray

Associate Professor of Marketing

- Brand development and architecture, consumer behavior, new product and pricing decisions, product management, strategic brand positioning

john-murry@uiowa.edu

(319) 335-0965

Pharmaceuticals

Maureen Donovan
Associate Dean, College of Pharmacy
Pharmaceutical Industry: Pharmaceuticals and Translational Therapeutics
maureen-donovan@uiowa.edu
(319) 335-9697

Mick Wells
Director, University of Iowa Pharmaceutics Manufacturing and Testing
pharmaceutical products College of Pharmacy
mick-wells@uiowa.edu
(319) 335-8674

Public Administration

Brian Richman
Lecturer and Director, Hawkinson Institute of Business Finance

- Investment Banking
- Public Finance

brian-richman@uiowa.edu
(319) 335-0853

Quality of Life

Jef Farland
Lecturer, Recreation & Sport Management Program of Leisure Studies

- Expert in Park & Recreation Facility Management, Special Event Management and Conference Center Management

jef-farland@uiowa.edu
(319) 384-4621

Renewable Energy

Barry Butler
Professor, Mechanical and Industrial Engineering
Executive Vice President and Provost, The University of Iowa

- Ignition phenomena in energetic materials; real-gas thermochemical processes; reaction in supercritical water medium; detonation of gas and condensed-phase media. Also serves as principal investigator for the Iowa Alliance for Wind Innovation and Novel Development (IAWIND).

patrick-butler@uiowa.edu
(319) 335-3565

Pablo M. Carrica

Professor, Mechanical and Industrial Engineering

Faculty Research Engineer, IIHR -- Hydroscience & Engineering

- Ship hydrodynamics; computational fluid dynamics; unsteady RANS and DES modeling of free surface flows; two-phase flow modeling and numerical computation; high-performance parallel computing; two-phase flow instrumentation development; fluid-structure interaction; aerodynamics of wind turbines.

pablo-carrica@uiowa.edu

(319) 335-6381

Corey Markfort

Assistant Professor, Civil and Environmental Engineering

Assistant Faculty Research Engineer, IIHR—Hydroscience & Engineering

- Environmental fluid mechanics, turbulence, atmospheric boundary layer, renewable energy and wind engineering, biosphere-atmosphere exchange, hydrology, water resources engineering, air-water and wetland hydrodynamics, earth systems dynamics and change.

corey-markfort@uiowa.edu

(319) 335-6168

Albert Ratner

Associate Professor, Mechanical and Industrial Engineering

Director, Combustion and High Speed Fluid Mechanics Lab

- Flame front dynamics; impact of fuel mixing on combustion instabilities; combustion of bio-derived fuels; droplet and spray dynamics.

albert-ratner@uiowa.edu

(319) 384-0883

Scott Spak, Ph.D.

Assistant Professor, Urban and Regional Planning

- Develops and applies numerical models to study the intersection between human activities and environmental change. His research informs decision-making by understanding the roles of technology, policy, and societal change in projecting future human impacts on the environment.

scott-spak@uiowa.edu

(319) 335-9993

Sports

Stacey Brook

Lecturer and Director, Economics Undergraduate Program

- Economic impact of sports teams

stacey-brook@uiowa.edu

(319) 335-1010

Startups

Lynn Allendorf
Director, John Pappajohn Entrepreneurial Center
Director, Bedell Entrepreneurship Learning Laboratory

- Helps University of Iowa students interested in building their own businesses and prepare for the life of an entrepreneur.

lynn-allendorf@uiowa.edu
(319) 335-3714

David Hensley
Clinical Professor and Executive Director, John Pappajohn Entrepreneurial Center

- Entrepreneurial Strategies
- Feasibility and Business Planning
- Small Business Finance

david-hensley@uiowa.edu
(319) 335-1022

Jeff Nock
Lecturer

- Business start ups
- Business Plans

Jeffrey-nock@uiowa.edu
(319) 353-2769

Anne Villamil
Professor of Economics

- Entrepreneurial studies

anne-villamil@uiowa.edu
(319) 335-3944

Urban Planning/Smart Growth

Jerry Anthony, Ph.D.
Associate Professor, Urban and Regional Planning

- Researches housing and community development issues – in particular federal, state and local housing policies and the development of affordable housing.

jerry-anthony@uiowa.edu
(319) 335-0622

Charles Connerly
Professor and director of School of Urban and Regional Planning

- Affordable housing community development

charles-connerly@uiowa.edu
(319) 335-0039

Paul Hanley

Associate professor in the school of urban and regional planning

- Urban and environmental infrastructure planning

paul-hanley@uiowa.edu

(319) 335-8137

Lucie Laurian, Ph.D.

Associate Professor, Urban and Regional Planning

- Studies the effects of toxic sites on local populations and the participation of citizens in environmental planning decision-making processes.

lucie-laurian@uiowa.edu

(319) 353-2955

Workforce Development

Saba Ali, Ph.D.

Associate Professor, Counseling Psychology

Licensed Psychologist

- Areas of Expertise: Career Counseling, vocational psychology. Special interest in increasing the diversity of Iowa's healthcare professionals.

saba-ali@uiowa.edu

(319) 335-5495

Education

Art Education

Clar Baldus, Ph.D.

Visiting Assistant Professor, Art Education

- Areas of expertise: Talent development in visual arts; creativity.

clar-baldus@uiowa.edu

(319) 335-6148

Kimberly Musial Datchuk, PhD

Visiting Assistant Professor, Art Education

- Areas of expertise: Interdisciplinary approaches to art and art education; art history; STEAM.

kimberly-datchuk@uiowa.edu

(319) 335-5504

Assistive Technology

Patricia Bahr, M.S.E., A.T.P., R.E.T.

Director, Iowa Center for Assistive Technology Education and Research (ICATER)

- Areas of Expertise: Assistive Technology and Universal Design for Learning.

patricia-bahr@uiowa.edu

(319) 335-5386

Assessment and Program Evaluation

Liz Hollingworth, Ph.D.

Associate Professor/Program Coordinator, Educational Leadership

Director, Center for Evaluation and Assessment

- Area of Expertise: program evaluation and assessment

Liz-hollingworth@uiowa.edu

(319) 335-5306

Donald Yarbrough, Ph.D.

Professor, Educational Measurement and Statistics

- Areas of expertise: program evaluation standards; STEM, health care, ELL, and higher education program evaluation and assessment

d-yarbrough@uiowa.edu

(319) 335 5567

Assistive Technology

Patricia Bahr, M.S.E., A.T.P., R.E.T.
Director, Iowa Center for Assistive Technology Education and Research (ICATER)

- Areas of Expertise: Assistive Technology and Universal Design for Learning.

patricia-bahr@uiowa.edu

(319) 335-5280

Autism

Megan Foley Nicpon, Ph.D.
Assistant Professor, Counseling Psychology
Clinical Supervisor, Belin-Blank International Center for Gifted Education and Talent Development

- Area of expertise: counseling children with disabilities, including high ability students with autism spectrum disorders, learning disabilities, ADHD, social/emotional development, and twice exceptional students, which refers to gifted students with learning, behavioral, emotional, and/or social impairments.

megan-foley-nicpon@uiowa.edu

(319) 335-5575

Career Counseling / Development

Saba Ali, Ph.D.
Associate Professor, Counseling Psychology
Licensed Psychologist

- Areas of Expertise: Career Counseling, vocational psychology. Special interest in increasing the diversity of Iowa's healthcare professionals, (i.e. Project HOPE).

saba-ali@uiowa.edu

(319) 335-5495

David Baumgartner, Ph.D.
Assistant Provost for Enrollment Management/Director of the Pomerantz Career Center

- Experienced in corporate outplacement, experiential education (employer and student side), career advising, job search strategies, and corporate and employer development.

david-baumgartner@uiowa.edu

(319) 335-1023

Kelli Delfosse

Director, Engineering Professional Development

- Recruit employer partners for the College's co-op/internship and career programs, advise students and alumni on professional issues: including resume writing, negotiating, interviewing, and other job search skills/career search strategies. Coordinates engineering career fairs.

kelli-delfosse@uiowa.edu

(319) 335-6280

Carol Klose Smith, Ph.D.

Clinical Associate Professor, School Counseling and Counselor Education and Supervision

- Areas of Expertise: Career development within k-12 education. Experienced in the delivery of career programming. Completed national research on various career development issues among children and adolescents.

carol-smith@uiowa.edu

(319) 335-5282

Chemistry

Tori Forbes

Assistant Professor, Department of Chemistry

- Expert in radioactivity in the environment, nuclear materials.

tori-forbes@uiowa.edu

(319) 384-1320

Vicki Grassian

Professor, Department of Chemistry

- Expert in applications and implications of Nanoscience and Nanotechnology in Environmental Processes

vicki-grassian@uiowa.edu

(319) 335-1392

Amnon Kohen

Professor of Chemistry and Molecular and Cellular Biology

- Expert in Enzymology; Enzyme Mechanisms; Drug Discovery and development; DNA Biosynthesis

amnon-kohen@uiowa.edu

(319) 335-0234

Johna Leddy

Associate Professor, Department of Chemistry

- Expert in the area of electrochemistry

johna-leddy@uiowa.edu

(319) 335-1720

Children's Literature

Renita Schmidt, Ph.D.

Associate Professor, Language, Literacy and Culture

- Areas of Expertise: using technology in curriculum development, critical literacy – working with teachers to connect to theory to practice, children's literature – for teacher's pre-service and in-service.

renita-schmidt@uiowa.edu

(319) 335-5589

College Readiness

Saba Ali, Ph.D.

Associate Professor, Counseling Psychology

Licensed Psychologist

- Areas of Expertise: Career Counseling, vocational psychology. Special interest in increasing the diversity of Iowa's healthcare professionals, (i.e. Project HOPE).

saba-ali@uiowa.edu

(319) 335-5495

Brian An, Ph.D.

Assistant Professor, Higher Education and Student Affairs

- Area of expertise: dual enrollment, family patterns in higher ed enrollment

brian-an@uiowa.edu

(319) 335-6390

Jo Hendrickson, Ph.D.

Professor, Special Education

Executive Director of UI REACH, a program for students with intellectual, cognitive, and learning disabilities

- Areas of expertise: Transition to college for students with intellectual and developmental disabilities; academic life, student life, and career preparation skills; collaboration with families and community entities; outcomes evaluation.

jo-hendrickson@uiowa.edu

(319) 384-2097

Leslie Locke, Ph.D.

Assistant Professor, Educational Leadership

- Area of expertise: students from traditionally underserved groups.

leslie-locke@uiowa.edu

(319) 335-5320

Pam Ries, Ed.D.

Clinical Professor and Director of UI REACH, a program for students with intellectual, cognitive, and learning disabilities

- Areas of expertise: Transition to college for students with intellectual and developmental disabilities; academic life, student life, and career preparation skills; collaboration with families and community entities; outcomes evaluation.

Pamela-ries@uiowa.edu

(319) 384-2083

Carol Klose Smith, Ph.D.

Clinical Associate Professor, School Counseling and Counselor Education and Supervision

- Areas of Expertise: Academic and career development programs for K-12 students. Career Counseling among K-12 students linked with post-secondary education

carol-smith@uiowa.edu

(319) 335-5282

Core Curriculum / Common Core Standards

Robert L. Brennan, Ed.D.

Professor, Educational Measurement and Statistics

Associate Director, Center for Advanced Studies in Measurement and Assessment

E.F. Lindquist Chair in Measurement and Testing

- Area of expertise: serves on advisory board for PARCC tests.

robert-brennan@uiowa.edu

(319) 335-5405

Nick Colangelo, Ph.D.

Dean, College of Education

- Area of expertise: common core standards

nick-colangelo@uiowa.edu

(319) 335-6148

Susan Lagos Lavenz, Ph.D.

Clinical Associate Professor, Educational Leadership

Associate Dean for Teacher Education and Student Services

- Areas of Expertise: teacher education preparation programs, educational administration and leadership, school reform, early childhood administration, special education administration.

susan-lagos-lavenz@uiowa.edu

(319) 335-5437

Counseling

Gerta Bardhoshi, Ph.D., NCC, CSC, LPC, ACS

Assistant Professor of Counselor Education and Supervision

- Area of expertise: Counseling children and adolescents in schools, school counselor burnout

gerta-bardhoshi@uiowa.edu

(319) 335-5942

John Wadsworth, Ph.D.

Associate Professor, Rehabilitation and Mental Health Counseling

- Areas of Expertise: Individual and group counseling for adolescents and adults with disabilities.

john-s-wadsworth@uiowa.edu

(319) 335-5246

Couple and Family Therapy

Volker Thomas, Ph.D., LMFT

Professor and Program Coordinator, Couple and Family Therapy

Director, LGBTQ Clinic, Dept. of Rehabilitation and Counselor Education

Editor, *Journal of Couple and Relationship Therapy*

- Area of Expertise: Treating families with at-risk children.

volker-thomas@uiowa.edu

(319) 335-5284

Distance Education

John Achrazoglou, Ph.D.

Adjunct Professor

Chief Technology Officer, College of Education

- Areas of expertise: distance education, assistive technologies, Universal Design for Learning, and Portfolio-Performance Assessment.

john-achrazoglou@uiowa.edu

(319) 335-5411

Diversity

Paul Gowder

Associate Professor of Law

paul-gowder@uiowa.edu

(319) 384-3202

Malik Henfield, Ph.D.

Assistant Professor, Counselor Education

- Area of Expertise: high-achieving African American males, bullying, urban education, gifted education, multicultural counseling, and the achievement gap.

malik-henfield@uiowa.edu

(319) 335-5942

Leslie Locke, Ph.D.

Assistant Professor, Educational Leadership

- Area of expertise: Marginalization of students in K-12 schools (e.g., race, gender, language, academic track, over/underrepresentation)

leslie-locke@uiowa.edu

(319) 335-5320

Benjamin Lustig, Ph.D.

Visiting Assistant Professor, Educational Leadership

- Areas of expertise: students with disabilities; students with hidden disabilities; students with mental illness

benjamin-lustig@uiowa.edu

(319) 335-5371

Angela Onwuachi-Willig

Charles M. and Marion J. Kierscht Professor of Law

angela-onwuachi@uiowa.edu

(319) 335-9043

Tonya Peeples

Professor and Associate Dean for Diversity and Outreach

College of Engineering

tonya-peeples@uiowa.edu

(319) 335-2861

Todd Pettys

Associate Dean for Faculty and H. Blair and Joan V> White Chair in Civil Litigation

todd-pettys@uiowa.edu

(319) 335-6814

Tarrell Awe Agahe Portman, Ph.D.

Associate Professor, Counselor Education and Supervision

Graduate College, Director of the Office of Graduate Inclusion, which is committed to creating an inclusive and supportive community for minority and underrepresented graduate students.

tarrell-portman@uiowa.edu

(319) 384-1931

Leonard Sandler
Clinical Professor

- Provides consultant services to local governments, developers and grassroots organizations and supervises clinical law programs relating to accessible housing, affordable housing and universal design.

leonard-sandler@uiowa.edu

(319) 335-9030

Katrina Sanders, Ph.D.

Associate Professor, Schools, Culture, and Society

- Area of expertise: diversity and community, history of education, catholic education

katrina-m-sanders@uiowa.edu

(319) 335-0587

Amanda Haertling Thein, Ph.D.

Associate Professor of Language, Literacy, and Culture

Program Coordinator, Language, Literacy, and Culture

- Areas of Expertise: secondary English education; Young Adult Literature; multicultural and LGBTQ literature learning and instruction; English language arts Common Core State Standards; critical literacy; classroom discourse; dialogic instruction; literature circle pedagogy

amanda-haertling-thein@uiowa.edu

(319) 384-2926

Sherry Watt, Ph.D.

Associate Professor, Higher Education and Student Affairs

- Area of expertise: cross-racial dialogue; identity development of college students, authentic self-exploration, privileged identity exploration.

Sherry-watt@uiowa.edu

(319) 335-5305

Sherree A. Wilson, PhD

Associate Dean for Cultural Affairs and Diversity Initiatives

- Diversity and inclusion in academic medical centers

sherree-wilson@uiowa.edu

(319) 384-2952

Adrien Wing, Bessie Dutton Murray Professor

adrien-wing@uiowa.edu

(319) 335-9129

Early Childhood Education

Deborah Linebarger, Ph.D.

Associate Professor, Reading, Department of Teaching and Learning

- Area of expertise: developmental reading, media and young children.

deborah-linebarger@uiowa.edu

(319) 335-1184

Kristen Missall

Assistant Professor, School of Psychology

- Areas of Expertise: Child development birth to age 8, school readiness and early school adjustment, curriculum-based measurement, early academic and social development.

kristen-missall@uiowa.edu

(319) 335-5007

Education Administration/Leadership

Gail Agrawal

Dean and F. Wendell Miller Professor of Law

gail-agrawal@uiowa.edu

(319) 384-4658

Eric Andersen

Associate Academic Dean and Professor of Law

eric-andersen@uiowa.edu

(319) 335-9090

Christina Bohannon

Professor and Lauridsen Family Fellow in Law

Christina-bohannon@uiowa.edu

319-335-8337

Lois Cox

Clinical Professor of Law

lois-cox@uiowa.edu

(319) 335-9062

David Frisvold

Assistant Professor of Economics

- Economics of Education
- Health Economics
- Labor Economics
- Public Economics

david-frisvold@uiowa.edu

(319) 335-0957

Thomas P. Gallanis
Associate Dean for Research and N. William Hines Chair in Law
thomas-gallanis@uiowa.edu
319-335-9018

Marcus Haack, Ph.D.
Clinical Professor, Educational Leadership
marcus-haack@uiowa.edu
(319) 335-5320

N. William Hines
Dean Emeritus and Joseph F. Rosenfield Professor
n-hines@uiowa.edu
(319) 335-9236

Liz Hollingworth, Ph.D.
Associate Professor and program coordinator of the Educational
Leadership program
liz-hollingworth@uiowa.edu
(319) 335-5306

Emily Hughes
Associate Dean for Faculty and Academic Affairs and Professor and
Bouma Fellow in Law
Emily-hughes@uiowa.edu
319-335-9886

Carolyn Jones
Dean Emerita and F. Wendell Miller Professor of Law
carolyn-jones@uiowa.edu
(319) 335-9034

Sheldon Kurtz
Percy Bordwell Professor
sheldon-kurtz@uiowa.edu
(319) 335-9069

Gerard Rushton, Ph.D.
Professor, Geography

- Area of expertise: population data, school enrollment
projections, geographic information systems

Gerard-rushton@uiowa.edu
(319) 335-0162

John Wadsworth, Ph.D.
Associate Professor of Rehabilitation and Mental Health Counseling
john-s-wadsworth@uiowa.edu
(319) 335-5246

Adrien Wing
Associate Dean for International and Comparative Law Programs and the
Bessie Dutton Murray Professor
Adrien-wing@uiowa.edu
319-335-9129

Education Reform

Ron Fielder, Ph.D.
Clinical Professor, Educational Leadership
Program Coordinator, Educational Leadership program

- Area of expertise: educational administration, superintendents, principals

ronald-fielder@uiowa.edu
(319) 335-5641

Susan Lagos Lavenz, Ph.D.
Clinical Associate Professor, Educational Leadership
Associate Dean for Teacher Education and Student Services

- Areas of Expertise: teacher education preparation programs, educational administration and leadership, school reform, early childhood administration, special education administration.

susan-lagos-lavenz@uiowa.edu
(319) 335-5437

Benjamin Lustig, Ph.D.
Visiting Assistant Professor, Educational Leadership

- Areas of expertise: Response to Intervention (RTI); value-added professional teacher evaluation standards and practice; special education inclusion and least restrictive environment; school discipline; school-to-prison pipeline

benjamin-lustig@uiowa.edu
(319) 335-5371

Educational/Instructional Technology

Kari Vogelgesang, Ph.D.
Associate Director, Teacher Leader Center

- Area of expertise: evidence-based practices of technology tools in educational settings.

Kari-vogelgesang@uiowa.edu
319-335-5348

Elementary Education

Jane Cranston

Instructor, Dept. Teaching and Learning

- Areas of Expertise: Elementary classroom management.

jane-cranston@uiowa.edu

(319) 335-5328

Renita Schmidt, Ph.D.

Associate Professor, Language, Literacy and Culture

Chair, Developmental Reading Program (elementary)

Coordinator, Elementary Education Program

- Areas of Expertise: Developmental reading (K-8), critical literacy, children's literature, and Elementary Education.

renita-schmidt@uiowa.edu

(319) 335-5589

Employment

John Wadsworth, Ph.D.

Associate Professor, Rehabilitation and Mental Health Counseling

- Areas of Expertise: Employment issues – working with seniors, people in retirement, persons with disabilities, veterans.

john-s-wadsworth@uiowa.edu

(319) 335-5246

English Education

Ed Folsom

Professor

- 19th-century American literature, editor of the Walt Whitman Quarterly Review and of a digital site on Whitman

ed-foldsom@uiowa.edu

(319) 335-0450

Amanda Haertling Thein, Ph.D.

Associate Professor of Language, Literacy, and Culture

Program Coordinator, Language, Literacy, and Culture

- Areas of Expertise: secondary English education; Young Adult Literature; multicultural and LGBTQ literature learning and instruction; English language arts Common Core State Standards; critical literacy; classroom discourse; dialogic instruction; literature circle pedagogy

amanda-haertling-thein@uiowa.edu

(319) 384-2926

Brooks Landon
Professor

- 20th-century American literature, especially science fiction,
brooks-landon@uiowa.edu
(319) 335-0641

Teresa Mangum
Associate Professor

- Victorian literature, director of the Obermann Center
teresa-mangum@uiowa.edu
(319)335-4034

Bonnie Sunstein, Ph.D.
Professor of English Education and English
Professor of Language, Literacy, and Culture

- Areas of Expertise: teaching teachers how to teach students to read and write. Director of the UI Undergraduate Nonfiction Writing Program.
Bonnie-sunstein@uiowa.edu
(319) 335-5607

Jonathan (Jon) Wilcox
Professor

- Anglo-Saxon literature
jonathan-wilcox@uiowa.edu
(319) 335-0454

English as a Second Language / Bilingual Education

David Cassels Johnson, Ph.D.
Assistant Professor, Foreign Language and ESL Education

- Areas of Expertise: English as a second language (ESL) education, bilingual education, language policy and programming in school districts.
david-c-johnson@uiowa.edu
(319) 335-6175

Lia Plakans, Ph.D.
Assistant Professor, Foreign Language Education

- Areas of Expertise: English as a second language (ESL), language assessment.
lia-plakans@uiowa.edu
(319) 335-5565

Pam Wesely, Ph.D.

Associate Professor, Foreign Language Education

- Areas of Expertise: The beliefs and attitudes of students, parents, and teachers in foreign language programs; foreign language program models, policies, and standards at the K-12 levels; immersion and bilingual education; student attrition from foreign language programs; use of technology in the K-12 foreign language classroom; standards-based assessment in K-12 foreign language programs; proficiency testing in foreign languages; K-12 foreign language teacher preparation.

pamela-wesely@uiowa.edu

(319) 335-5261

Entrepreneurs

Lynn Allendorf

Director, John Pappajohn Entrepreneurial Center

Director, Bedell Entrepreneurship Learning Laboratory

- Helps University of Iowa students interested in building their own businesses and prepare for the life of an entrepreneur.

lynn-allendorf@uiowa.edu

(319) 335-3714

Dawn Bowlus

Director, Jacobson Institute for Youth Entrepreneurship

- Provides curriculum and training to k-12 educators on entrepreneurship

dawn-bowlus@uiowa.edu

(319) 335-0985

David Hensley

Clinical Professor and Executive Director, John Pappajohn Entrepreneurial Center

- Entrepreneurial Strategies
- Feasibility and Business Planning
- Small Business Finance

david-hensley@uiowa.edu

(319) 335-1022

Jeff Nock

Lecturer

- Business start ups
- Business plans

jeffrey-nock@uiowa.edu

(319) 353-2769

Ethics

Kathryn Gerken, Ph.D.

Associate Professor, School Psychology
Director of Training and Internship Coordinator

- Areas of expertise: ethics and multiculturalism in schools.

Kathryn-gerken@uiowa.edu

(319) 335-5333

John Wadsworth, Ph.D.

Associate Professor, Rehabilitation and Mental Health Counseling

- Areas of Expertise: Co-Chair of the University of Iowa Institutional Review Board for Community, bio-behavioral, and social human subject research.

john-s-wadsworth@uiowa.edu

(319) 335-5246

Federal Requirements (No Child Left Behind)

Susan Lagos Lavenz, Ph.D.

Clinical Associate Professor, Educational Leadership
Associate Dean for Teacher Education and Student Services

- Areas of Expertise: teacher education preparation programs, educational administration and leadership, school reform, early childhood administration, special education administration.

susan-lagos-lavenz@uiowa.edu

(319) 335-5437

Benjamin Lustig, Ph.D.

Visiting Assistant Professor, Educational Leadership

- Areas of expertise: NCLB (Every Student Succeeds Act 2015); Individuals with Disabilities Education Act; Section 504 of the Rehabilitation Act; Americans with Disabilities Amendments Act

benjamin-lustig@uiowa.edu

(319) 335-5371

Finance and Higher Education

Gary Fethke, Ph.D.

Professor Emeritus, Management Sciences and Economics

- Areas of Expertise: Determinates of labor market structures; Economics of public higher education; Managerial economics;

gary-fethke@uiowa.edu

(319) 335-0914

Michael Paulsen, Ph.D.

Professor, Educational Policy and Leadership Studies

- Areas of Expertise: economics, finance, and policy in high education; teaching, learning, curriculum and faculty development in higher education.

michael-paulsen@uiowa.edu

(319) 335-6413

Foreign Languages

David Cassels Johnson, Ph.D.

Assistant Professor, Foreign Language and ESL Education

- Area of Expertise: English as a second language (ESL) education, bilingual education, language policy and programming in school districts.

david-c-johnson@uiowa.edu

(319) 335-6175

Vicki Claypool

Professor of Political Science

International Affairs

- Expertise: Russian, East European, Central Asian, and Middle Eastern affairs

vicki-claypool@uiowa.edu

(319) 335-2356

Glenn Ehrstine

Associate Professor, Department of German

- Expert in contemporary Germany, German history, history of the Protestant Reformation, and medieval literature

glenn-ehrstine@uiowa.edu

(319) 335-2276

Dénes Gazsi, Ph.D.

Assistant Professor, Coordinator, Arabic Language Program

- Expert in Middle Eastern languages, mainly Arabic and Persian, and their related cultures in Arabic-speaking countries and Iran.

denes-gazsi@uiowa.edu

(319) 335-2279

Philip Lutgendorf

Professor, Department of Asian and Slavic Languages and Literatures

- Expert in Modern India and its subcontinental neighbors, especially culture, society, religion, and language; mass media and popular culture, especially “Bollywood” film

philip-lutgendorf@uiowa.edu

(319) 335-2157

Lia Plakans, Ph.D.

Assistant Professor, Foreign Language Education

- Areas of Expertise: English as a second language (ESL), language assessment.

lia-plakans@uiowa.edu

(319) 335-5565

Roland Racevskis

Professor

- Associate Director, Division of World Languages, Literatures, and Cultures Chair, Department of French and Italian, Department of German

roland-racevskis@uiowa.edu

(319) 335-2252

Leslie Schrier, Ph.D.

Professor, Foreign Language Education

Founding Director of Foreign Language and Critical Language Education Programs for the American Council on the Teaching of Foreign Languages

- Areas of expertise: FLE/ESL programs, practices, and procedures, Teacher Education, Foreign Language teacher preparation.

leslie-schrier@uiowa.edu

(319) 335-5048

Jitka Sonkova, Ph.D.

Lecturer, Asian and Slavic Languages and Literatures

- Expert in Czech language and culture

jitka-sonkova@uiowa.edu

(319) 335-1278

Russell Scott Valentino

Professor of Comparative Literature

- Expert in Russian, Croatian, Serbian, Bosnian, Italian and French.

russell-valentino@uiowa.edu

(319) 335-2827

Pam Wesely, Ph.D.

Associate Professor, Foreign Language Education

- Areas of Expertise: The beliefs and attitudes of students, parents, and teachers in foreign language programs; foreign language program models, policies, and standards at the K-12 levels; immersion and bilingual education; student attrition from foreign language programs; use of technology in the K-12 foreign language classroom; standards-based assessment in K-12 foreign language programs; proficiency testing in foreign languages; K-12 foreign language teacher preparation.

pamela-wesely@uiowa.edu

(319) 335-5261

Gifted and Talented Programs

Susan Assouline, Ph.D.

Professor, School Psychology

Myron and Jacqueline Blank Professor of Gifted Education

Director, Belin-Blank International Center for Gifted Education and Talent Development

- Areas of expertise: academically talented students (emphasis in math), academic acceleration, and twice exceptional students (gifted students with autism spectrum disorder and learning disabilities)

susan-assouline@uiowa.edu

(319) 335-6148

Nick Colangelo, Ph.D.

Dean, College of Education

Founder, Belin-Blank International Center for Gifted Education and Talent Development

- Area of expertise: gifted and talented education

nick-colangelo@uiowa.edu

(319) 335-6148

Laurie Croft, Ph.D.

Clinical Associate Professor, Gifted Education

Associate Director for Professional Development at the Belin-Blank Center

- Areas of Expertise: Gifted education and talent development programming.

laurie-croft@uiowa.edu

(319) 335-6148

Kristin Flanary, M.A.

Administrator, Iowa Online AP Academy
Program Director, AP Teacher Training Institute for the UI's Belin-Blank Center for Gifted Education

- Area of expertise: Advanced placement and above-level courses for high-ability students and teachers in rural Iowa and beyond.

kristin-flanary@uiowa.edu

(319) 335-2942

Lori Ihrig, Ph.D.

Administrator for Curriculum and Instruction, Belin-Blank Center for Gifted Education and Talent Development

- Areas of Expertise: Highly effective science teaching methods, Science teacher induction, STEM education and gifted learners

lori-ihrig@uiowa.edu

319-335-6148

Ann Lupkowski Shoplik, Ph.D.

Adjunct Professor, Psychological and Quantitative Foundations
Administrator, Acceleration Institute & Research
Belin-Blank Center for Gifted Education and Talent Development

- Area of expertise: gifted education, especially mathematically talented students; academic acceleration (grade-skipping and subject acceleration)

ann-shoplik@uiowa.edu

(319) 335-6148

Megan Foley Nicpon, Ph.D.

Associate Professor, Counseling Psychology
Associate Director for Research and Clinic, Belin-Blank International Center for Gifted Education and Talent Development

- Areas of expertise: child/adolescent social and emotional development; assessment and counseling for children/adolescents with disabilities, including high ability students with autism spectrum disorders, learning disabilities, ADHD, and depression/anxiety (twice-exceptional).

megan-foley-nicpon@uiowa.edu

(319) 335-5575

Higher Education

Gary Fethke, Ph.D.

Professor Emeritus, Management Sciences and Economics

- Areas of Expertise: Determinates of labor market structures; Economics of public higher education; Managerial economics;

gary-fethke@uiowa.edu

(319) 335-0914

Christopher Morphew, Ph.D.

Professor, Department of Educational Policy and Leadership Studies
Executive Associate Dean, College of Education

- Areas of expertise: higher education policy, college choice and higher education marketing

christopher-morphew@uiowa.edu

(319) 335-5307

Christine A. Ogren, Ph.D.

Associate Professor and Program Coordinator
Schools, Culture, and Society

- Area of Expertise: history of higher education in the United States.

chris-ogren@uiowa.edu

(319) 335-5202

Ernest T. Pascarella, Ph.D.

Professor, Higher Education Student Affairs
Director of CRUE – the Center for Research on Undergraduate Education

- Area of expertise: the impact of college on students

ernest-pascarella@uiowa.edu

(319) 335-5369

Michael B. Paulsen, Ph.D.

Professor, Educational Policy and Leadership Studies

- Areas of Expertise: economics of higher education, teaching, learning, curriculum and faculty development in higher education.

michael-paulsen@uiowa.edu

(319) 335-6413

Immigrant Literacy

Carolyn Colvin, Ph.D.

Associate Professor, Language Literacy and Culture
Director, West Liberty Adult Literacy Program

- Areas of Expertise: Sociocultural literacy issues with immigrant adults and their literacy, adolescent literacy issues.

carolyn-colvin@uiowa.edu

(319) 335-5588

Instructional/Educational Technology

Kari Vogelgesang, Ph.D.

Associate Director, Teacher Leader Center

- Area of expertise: evidence-based practices of technology tools in educational settings.

Kari-vogelgesang@uiowa.edu

319-335-5348

International Education/Human Rights

Brian Farrell

Associate Director, Center for Human Rights

brian-r-farrell@uiowa.edu

319-335-8273

Gregory Hamot, Ph.D.

Professor, Social Studies Education

Associate Director, University of Iowa Center for Human Rights

Program Coordinator, Social Studies Education

- Area of expertise: cross-cultural understandings of social studies and democratic citizenship education, infusing global perspectives into the curriculum

gregory-hamot@uiowa.edu

(319) 335-5382

Christopher Merrill, M.F.A.

IWP Director, International Writing Program

- Merrill and his staff organize symposia in other countries and send American writers on tours to places of strategic interest. An ambassador for world literature, Merrill brings writers from all over the globe to the University of Iowa and has raised Iowa City's international profile. Merrill brings his talent and enthusiasm for literature to the National Endowment for Humanities (NEH).

christopher-merrill@uiowa.edu

(319) 335-2609

Nathan Miller

Director of the International Legal Clinic, Assistant Director of the Center for Human Rights, and Senior Fellow in Human Rights and Social Justice

Nathan-j-miller@uiowa.edu,

319-335-9023

Adrien Wing
Associate Dean for International and Comparative Law Programs and
the Bessie Dutton Murray Professor
Adrien-wing@uiowa.edu
319-335-9129

K-12 Educational Administration/Leadership

Ron Fielder, Ph.D.
Clinical Professor, Educational Leadership
Program Coordinator, Educational Leadership program

- Area of expertise: educational administration, superintendents, principals

ronald-fielder@uiowa.edu
(319) 335-5641

Liz Hollingworth, Ph.D.
Associate Professor/Program Coordinator, Educational Leadership
Director, Center for Evaluation and Assessment

- Area of Expertise: educational administration and leadership for principals and superintendents; program evaluation and assessment

Liz-hollingworth@uiowa.edu
(319) 335-5306

Leslie Locke, Ph.D.
Assistant Professor, Educational Leadership

- Area of expertise: School leadership for social justice policy and practice.

leslie-locke@uiowa.edu
(319) 335-5320

Benjamin Lustig, Ph.D.
Visiting Assistant Professor, Educational Leadership

- Areas of expertise: special education administration and leadership; special education law and policy; education law and policy

benjamin-lustig@uiowa.edu
(319) 335-5371

Learning Disabilities

Susan Assouline, Ph.D.
Professor, School Psychology
Myron and Jacqueline Blank Professor of Gifted Education

Director, Belin-Blank International Center for Gifted Education and Talent Development

- Areas of expertise: academically talented students (emphasis in math), academic acceleration, and twice exceptional students (gifted students with autism spectrum disorder and learning disabilities)

susan-assouline@uiowa.edu

(319) 335-6148

Shawn Datchuk, Ph.D.
Assistant Professor, Special Education

- Area of expertise: writing; written expression; literacy; academic interventions; multi-tiered systems of support; data-based decision making in education

shawn-datchuk@uiowa.edu

(319) 335-1184

Megan Foley Nicpon, Ph.D.
Associate Professor, Counseling Psychology
Associate Director for Research and Clinic, Belin-Blank International Center for Gifted Education and Talent Development

- Areas of expertise: child/adolescent social and emotional development; assessment and counseling for children/adolescents with disabilities, including high ability students with autism spectrum disorders, learning disabilities, ADHD, and depression/anxiety (twice-exceptional).

megan-foley-nicpon@uiowa.edu

(319) 335-5575

Kathryn Gerken, Ph.D.
Associate Professor, School Psychology
Director of Training and Internship Coordinator

- Areas of expertise: children/adolescents with learning and social/emotional problems.

Kathryn-gerken@uiowa.edu

(319) 335-5333

Mathematics Education

Kyong Mi Choi, Ph.D.

Assistant Professor, Mathematics Education

- Areas of expertise: curriculum, textbooks, and teaching approaches in secondary school geometry; interdisciplinary approaches in students' learning and evaluations of mathematics and science; uses of the cognitive diagnosis modeling (CDM) approach on students' learning of mathematics; mathematically gifted students; international mathematics education.

kyongmi-choi@uiowa.edu

(319) 335-5118

Weimin Han

Professor, Director of Interdisciplinary Ph.D. Program in Applied Mathematical and Computational Sciences

- Expert in numerical analysis, scientific computing, applied mathematics, computational engineering.

weimin-han@uiowa.edu

(319) 335-0770

Dae "Danny" Hong, Ph.D.

Assistant Professor, Mathematics Education

- Areas of expertise: Textbook and curriculum analysis, advanced mathematical thinking, use of technology in mathematics education and international mathematics education.

dae-hong@uiowa.edu

(319) 335-5367

Walter Seaman, Ph.D.

Associate Professor, Mathematics Education, Program Coordinator

- Areas of Expertise: Mathematics learning of students and teachers especially in technological environments, with a focus on geometry and algebra; integration of technology into the teaching of school geometry (K-12) and differential geometry (post-secondary and graduate level).

walter-seaman@uiowa.edu

(319) 335-5719

Media and Young Children

Jennifer Burek-Pierce, Ph.D.

Assistant Professor, Library and Information Science

- Her work focuses on the literature and other materials for young readers. She researches children's puzzles and games, juvenile collections in 19th century libraries, and Oliver Optic's readership.

Jennifer-burek-pierce@uiowa.edu

(319) 335-5716

Jim Elmborg

Associate Professor, Library and Information Science

- His research focuses on libraries as centers for teaching and learning. He works primarily in the area of academic librarianship and has directed the UI's Teacher Librarian Distance Education Program.

james-elmborg@uiowa.edu

(319) 335-5717

Deborah Linebarger, Ph.D.

Associate Professor, Reading, Department of Teaching and Learning

- Area of expertise: developmental reading

deborah-linebarger@uiowa.edu

(319) 335-1184

Physics

Philip Kaaret

Professor, Department of Physics and Astronomy

- Expert in ionizing radiation, space program, astronomy

philip-kaaret@uiowa.edu

(319) 335-1985

Yasar Onel

Professor, Department of Physics and Astronomy

- Expert in High Energy Physics, Particle Physics Detectors, Particle Accelerators, Nuclear Physics, Cyber Infrastructure, Grid Computing, Large Hadron Collider, Medical Imaging detectors, Accelerators for Medical imaging and Cancer Therapy

yasar-onel@uiowa.edu

(319) 335-1853

Frederick Skiff

Professor, Department of Physics and Astronomy

- Expert in Fusion Energy, Plasma technologies, Acoustics and Lasers

Frederick-skiff@uiowa.edu

(319) 335-0564

Policy

David Cassels Johnson, Ph.D.

Assistant Professor, Foreign Language and ESL Education

- Area of Expertise: English as a second language (ESL) education, bilingual education, language policy and programming in school districts.

david-c-johnson@uiowa.edu

(319) 335-6175

Benjamin Lustig, Ph.D.

Visiting Assistant Professor, Educational Leadership

- Areas of expertise K-12 educational policy; NCLB (Every Student Succeeds Act 2015); Individuals with Disabilities Education Act; Section 504 of the Rehabilitation Act; Americans with Disabilities Amendments Act

benjamin-lustig@uiowa.edu

(319) 335-5371

Professional Development

Laurie Croft, Ph.D.

Clinical Associate Professor, Gifted Education

Associate Director for Professional Development at the Belin-Blank Center

- Areas of Expertise: Connecting professional learning to student learning; best practices in classroom instruction; professional learning communities; independent professional learning.

laurie-croft@uiowa.edu

(319) 335-6148

Donald Yarbrough, Ph.D.

Professor, Educational Measurement and Statistics

- Areas of expertise: program evaluation standards; STEM, health care, ELL, and higher education program evaluation and assessment

d-yarbrough@uiowa.edu

(319) 335 5567

Program Evaluation

Liz Hollingworth, Ph.D.

Associate Professor/Program Coordinator, Educational Leadership
Director, Center for Evaluation and Assessment

- Area of Expertise: program evaluation and assessment

Liz-hollingworth@uiowa.edu

(319) 335-5306

Reading/Literacy/Literature Instruction

Carolyn Colvin, Ph.D.

Associate Professor, Language Literacy and Culture
Director, West Liberty Adult Literacy Program

- Areas of Expertise: Sociocultural literacy issues with immigrant adults and their literacy

carolyn-colvin@uiowa.edu

(319) 335-5588

Deborah K. Reed, Ph.D.

Director, Iowa Reading Research Center
Associate Professor, Special Education

- Areas of Expertise: reading assessment and intervention, reading disabilities, adolescent and adult literacy, content area literacy, data-based decision making, correctional education.

deborah-reed@uiowa.edu

(319) 384-2884

Renita Schmidt, Ph.D.

Associate Professor, Language, Literacy and Culture
Chair, Developmental Reading Program (elementary)
Coordinator, Elementary Education Program

- Areas of Expertise: Developmental reading (K-8), critical literacy, children's literature, and Elementary Education

renita-schmidt@uiowa.edu

(319) 335-5589

Bonnie Sunstein, Ph.D.

Professor of English Education and English
Professor of Language, Literacy, and Culture

- Areas of Expertise: teaching teachers how to teach students to read and write. Director of the UI Undergraduate Nonfiction Writing Program.

Bonnie-sunstein@uiowa.edu

(319) 335-5607

Amanda Haertling Thein, Ph.D.

Associate Professor of Language, Literacy, and Culture
Program Coordinator, Language, Literacy, and Culture

- Areas of Expertise: secondary English education; Young Adult Literature; multicultural and LGBTQ literature learning and instruction; English language arts Common Core State Standards; critical literacy; classroom discourse; dialogic instruction; literature circle pedagogy

amanda-haertling-thein@uiowa.edu

(319) 384-2926

Social Justice in Schools

Leslie Locke, Ph.D.

Assistant Professor, Educational Leadership

- Area of expertise: Marginalization of students; administrator/teacher professional development

leslie-locke@uiowa.edu

Benjamin Lustig, Ph.D.

Visiting Assistant Professor, Educational Leadership

- Areas of expertise: students with disabilities; students with hidden disabilities; students with mental illness; civil rights protections under Section 504 of the Rehabilitation Act and the Americans with Disabilities Amendments Act

benjamin-lustig@uiowa.edu

(319) 335-5371

Special Education

Patricia Bahr, M.S.E., A.T.P., R.E.T.

Director, Iowa Center for Assistive Technology Education and Research (ICATER)

- Areas of Expertise: Assistive Technology and Universal Design for Learning.

patricia-bahr@uiowa.edu

(319) 335-5386

Allison Bruhn, Ph.D.

Assistant Professor, Special Education

- Area of expertise: Positive Behavior Interventions and Supports (PBIS), Functional behavior assessment, classroom management, systematic behavior screening, technology-based self-monitoring

allison-bruhn@uiowa.edu

(319) 335-5433

Shawn Datchuk, Ph.D.

Assistant Professor, Special Education

- Area of expertise: writing; written expression; literacy; academic interventions; multi-tiered systems of support; data-based decision making in education

shawn-datchuk@uiowa.edu

(319) 335-1184

Jo Hendrickson, Ph.D.

Professor, Special Education

Executive Director of UI REACH, a program for students with intellectual, cognitive, and learning disabilities

- Areas of expertise: prevention and intervention for at-risk students and students with multiple learning disabilities, early childhood special education

jo-hendrickson@uiowa.edu

(319) 384-2097

John Hosp, Ph.D.

Associate Professor, Special Education

Response to Intervention instruction

- Areas of Expertise: Using assessment data to make screening and progress decisions about instruction, particularly within a Response to Intervention (RtI) framework.

john-hosp@uiowa.edu

(319) 335-5328

Youjia Hua, Ph.D.

Assistant Professor, Special Education

- Areas of Expertise: Academic and behavioral interventions for students with learning difficulties.

youjia-hua@uiowa.edu

(319) 335-5329

Benjamin Lustig, Ph.D.

Visiting Assistant Professor, Educational Leadership

- Areas of expertise: special education law and policy; Individuals with Disabilities Education Act; Section 504 of the Rehabilitation Act; Americans with Disabilities Amendments Act

benjamin-lustig@uiowa.edu

(319) 335-5371

Pam Ries, Ed.D.

Clinical Professor and Director of UI REACH, a program for students with intellectual, cognitive, and learning disabilities

- Areas of expertise: prevention and intervention for at-risk students and students with multiple learning disabilities, early childhood special education

pamela-ries@uiowa.edu

(319) 384-2176

James R. Stachowiak, M.S.E.

Associate Director of ICATER—the Iowa Center for Assistive Technology Education and Research

- Areas of Expertise: Assistive Technology and universal design for learning.

james-stachowiak@uiowa.edu

(319) 335-5280

Bill Therrien, Ph.D.

Associate Professor, Special Education

Emphasis on Dyslexia

- Areas of Expertise: Special education, Dyslexia, Reading instruction for students who struggle, Post-secondary education for students with disabilities

bill-therrien@uiowa.edu

(319) 335-5606

Statistics

Jeffrey Dawson, Sc.D

Professor, Department of Biostatistics, College of Public Health

Associate Dean for Faculty Affairs

- Specializes in biostatistics, biostatistical methods, design and analysis of experiments in biosciences.

jeffrey-dawson@uiowa.edu

(319) 384-1510

Russell Lenth Professor, Statistics and Actuarial Science

- Design of experiments; Response-surface methods; Statistical engineering; Sample-size determination; Statistical software

russell-lenth@uiowa.edu

(319) 335-0814

STEM

Dan Anderson

Professor and Chair, Mathematics

dan-anderson@uiowa.edu

(319) 335-0714

Susan Assouline, Ph.D.
Professor, School Psychology
Myron and Jacqueline Blank Professor of Gifted Education

Director, Belin-Blank International Center for Gifted Education and
Talent Development

- Areas of expertise: academically talented students (emphasis in math), academic acceleration, and twice exceptional students (gifted students with autism spectrum disorder and learning disabilities)

susan-assouline@uiowa.edu

(319) 335-6148

Dawn Bowlus
Director, Jacobson Institute for Youth Entrepreneurship

dawn-bowlus@uiowa.edu

(319) 335-0985

Benjamin Devane, Ph.D.
Assistant Professor, Educational Psychology

- Areas of Expertise: computer-supported collaborative learning; games, media, and youth; informal STEM learning; early computer science education.

benjamin-devane@uiowa.edu

(319) 335-6422

Leslie Flynn, Ph.D.
Clinical Assistant Professor, Science Education

- Areas of Expertise: STEM Education, Science teaching methods, Iowa Mathematics and Science Education Partnership (IMSEP), Nanotechnology Education, Science Olympiad

leslie-flynn@uiowa.edu

(319) 335-5432

Brian Hand, Ph.D.
Professor, Science Education
Program Coordinator, Science Education

- Area of expertise: using language as a learning tool to improve student understanding of science and the development of scientific argument through the use of the Science Writing Heuristic, which helps students learn about and use science argument to construct science knowledge.

brian-hand@uiowa.edu

(319) 335-5590

Beth Hochstedler

Manager for education, training and outreach – State Hygienic Laboratory

- Manages K-12 activities, internships, fellowships and workforce development related to public health laboratory science.

Beth-hochstedler@uiowa.edu

(319) 335-4303

Lori Ihrig, Ph.D.

Administrator for Curriculum and Instruction, Belin-Blank Center for Gifted Education and Talent Development

- Areas of Expertise: Highly effective science teaching methods, Science teacher induction, STEM education and gifted learners

lori-ihrig@uiowa.edu

319-335-6148

Mark McDermott, Ph.D.

Clinical Associate Professor, Science Education

STEM Coordinator, College of Education

- Areas of Expertise: Science Education, STEM education, use of writing-to-learn activities, especially multimodal writing-to-learn activities in science classrooms and maybe in the development of integrated STEM instructional approaches.

mark-a-mcdermott@uiowa.edu

(319) 335-4303

Ted Neal, M.S.

Clinical Instructor, Science Education

- Areas of Expertise: Iowa Mathematics and Science Education Partnership (IMSEP)

ted-neal@uiowa.edu

(319) 335-5327

Tonya Peeples

Professor, Chemical and Biochemical Engineering

College of Engineering Associate Dean for Diversity and Outreach

- Oversees K-12 STEM programs initiated and administered by the College of Engineering, including statewide programs for Project Lead the Way and FIRST Tech Challenge.

tonya-peeples@uiowa.edu

(319) 335-2251

Tracy Peterson

Director, Diversity Programs and K-12 Outreach

tracy-peterson@uiowa.edu

(319) 335-5776

Jacquett Wade
Interim Director, Women in Science & Engineering (WISE), University of Iowa

- Recruitment, retention, and workforce development of women in science, technology, engineering, & math (STEM) along with other underrepresented minorities.

christine-brus@uiowa.edu
(319) 335-3511

David Rethwisch
Professor of Chemical and Biochemical Engineering
Affiliate Director, Iowa Project Lead the Way

david-rethwisch@uiowa.edu
(319) 335-1413

Rebecca Whitaker
FIRST Tech Challenge Programs, Affiliate Partner

rebecca-whitaker@uiowa.edu
(319) 335-5706

Student Life

Malik Henfield, Ph.D.
Assistant Professor, Counselor Education

- Area of Expertise: bullying, urban education, gifted education, multicultural counseling, and the achievement gap.

malik-henfield@uiowa.edu
(319) 335-5942

Debora Liddell, Ph.D.
Associate Professor, Higher Education and Student Affairs

- Area of Expertise: Student development and student affairs in post-secondary education

deborah-liddell@uiowa.edu
(319) 335-5188

John Westefeld, Ph.D.
Professor, Psychological and Quantitative Foundations
Counseling Psychology Program, College of Education

- Process / Outcome in Therapy
- Behavior Therapy
- Crisis Intervention
- College student suicide

john-westefeld@uiowa.edu
(319) 335-5562

Suicide Counseling/Prevention

John Westefeld, Ph.D.
Professor, Psychological and Quantitative Foundations
Counseling Psychology Program, College of Education

- Suicide, suicide prevention

john-westefeld@uiowa.edu
(319) 335-5562

Teacher Education/Preparation

Susan Lagos Lavenz, Ph.D.
Associate Dean for Teacher Education and Student Services
Director, Teacher Leader Center

- Areas of Expertise: teacher education preparation, educational administration and leadership, school reform, integration of students with special needs, early childhood program, magnet schools

susan-lagos-lavenz@uiowa.edu
(319) 335-5437

Christine A. Ogren, Ph.D.
Associate Professor and Program Coordinator
Schools, Culture, and Society

- Area of Expertise: history of teacher education.

chris-ogren@uiowa.edu
(319) 335-5202

Teacher Professional Development

Kari Vogelgesang, Ph.D.
Associate Director, Teacher Leader Center

- Area of Expertise: Best practice teacher professional development.

Kari-vogelgesang@uiowa.edu
319-335-5348

Technology

John Achrazoglou, Ph.D.

Adjunct Professor

Chief Technology Officer, College of Education

- Areas of expertise: distance education, assistive technologies, Universal Design for Learning, and Portfolio-Performance Assessment.

john-achrazoglou@uiowa.edu

(319) 335-5411

Benjamin Devane, Ph.D.

Assistant Professor, Educational Psychology

- Areas of Expertise: computer-supported collaborative learning; games, media, and youth; informal STEM learning; early computer science education.

benjamin-devane@uiowa.edu

(319) 335-6422

Kari Vogelgesang, Ph.D.

Associate Director, Teacher Leader Center

- Area of expertise: evidence-based practices of technology tools in educational settings.

Kari-vogelgesang@uiowa.edu

319-335-5348

Pam Wesely, Ph.D.

Assistant Professor, Foreign Language Education

- Areas of Expertise: Use of technology in the K-12 foreign language classroom; technology integration in educational contexts.

pamela-wesely@uiowa.edu

(319) 335-5261

Testing and Assessment

Timothy Ansley, Ph.D.

Professor, Educational Measurement and Statistics

Chair, Psychological and Quantitative Foundations

- Areas of expertise: item response theory, standardized achievement testing

timothy-ansley@uiowa.edu

(319) 335-5411

Robert L. Brennan, Ed.D.

Professor, Educational Measurement and Statistics
Founder, Center for Advanced Studies in Measurement and Assessment
E.F. Lindquist Chair in Measurement and Testing

- Area of expertise: Generalizability theory, test equating, scaling, classical test theory, measurement models

robert-brennan@uiowa.edu

(319) 335-5405

Stephen B. Dunbar, Ph.D.

Hieronymus-Feldt Professor in Educational Measurement
Director, Iowa Testing Programs

- Area of expertise: multivariate statistical methods, test development, performance assessment

steve-dunbar@uiowa.edu

(319) 335-5561

Michael Kolen, Ph.D.

Professor, Educational Measurement and Statistics

- Areas of expertise: test theory, scaling and equating of tests

michael-kolen@uiowa.edu

(319) 335-6429

Won-Chan Lee, Ph.D.

Associate Professor, Educational Measurement and Statistics
Director, Center for Advanced Studies in Measurement and Assessment

- Areas of expertise: Test theories, measurement models

won-chan-lee@uiowa.edu

(319) 335-5546

Catherine Welch, Ph.D.

Professor, Educational Measurement and Statistics
Director, Iowa Statewide Testing Program at Iowa Testing Programs

- Areas of expertise: testing and assessment; assessment design and development; score interpretation and use

catherine-welch@uiowa.edu

(319) 335-6274

Donald Yarbrough, Ph.D.

Professor, Educational Measurement and Statistics
Director, Center for Evaluation and Assessment

- Area of expertise: evaluation methodology, evaluation standards, higher education classroom assessment

d-yarbrough@uiowa.edu

(319) 335 5567

Universal Design for Learning

John Achrazoglou, Ph.D.

Adjunct Professor

Chief Technology Officer, College of Education

- Areas of expertise: distance education, assistive technologies, Universal Design for Learning, and Portfolio-Performance Assessment.

john-achrazoglou@uiowa.edu

(319) 335-5411

Patricia Bahr, M.S.E., A.T.P., R.E.T.

Director, Iowa Center for Assistive Technology Education and Research (ICATER)

- Areas of Expertise: Assistive Technology and Universal Design for Learning.

patricia-bahr@uiowa.edu

(319) 335-5386

Workforce Development

Saba Ali, Ph.D.

Associate Professor, Counseling Psychology

Licensed Psychologist

- Areas of Expertise: Career Counseling, vocational psychology. Special interest in increasing the diversity of Iowa's healthcare professionals.

saba-ali@uiowa.edu

(319) 335-5495

Young Adult Literature

Amanda Haertling Thein, Ph.D.

Associate Professor of Language, Literacy, and Culture

Program Coordinator, Language, Literacy, and Culture

- Areas of Expertise: secondary English education; Young Adult Literature; multicultural and LGBTQ literature learning and instruction; English language arts Common Core State Standards; critical literacy; classroom discourse; dialogic instruction; literature circle pedagogy

amanda-haertling-thein@uiowa.edu

(319) 384-2926

Environment & Energy

Air Quality

Gregory R. Carmichael
Professor, Chemical and Biochemical Engineering
Karl Kammermeyer Professor of Chemical and Biochemical Engineering
Co-Director, Center for Global and Regional Environmental Research (CGRER)

- Air quality and atmospheric chemistry modeling; data assimilation, chemical weather forecasting. Co-directs CGRER, which studies multiple aspects of global environmental change, including the regional effects on natural ecosystems, environments, and resources and on human health, culture, and social systems.

gregory-carmichael@uiowa.edu
(319) 335-5191

Paul Lang
Environmental Manager – State Hygienic Laboratory

- Oversees laboratory operation and surveillance activities associated with the Iowa Department of Natural Resources air monitoring network

paul-lang@uiowa.edu
(319) 335-4452

John-Mark Stensvaag
Charlotte and Frederick Hubbell Professor of Environmental and Natural Law Resources
j-stensvaag@uiowa.edu
(319) 335-9035

Peter Thorne, Ph.D.
Professor, Occupational and Environmental Health, College of Public Health

- Director of UI's Environmental Health Sciences Research Center. The Center researches the adverse health effects of current and emerging environmental contaminants among rural and agricultural populations.

peter-thorne@uiowa.edu
(319) 335-4216

Economics of Energy

Luciano de Castro
Associate Professor of Economics
luciano-decastro@uiowa.edu
(319) 335-0963

Energy Development

Barry Butler
Professor, Mechanical and Industrial Engineering
Executive Vice President and Provost, The University of Iowa

- Ignition phenomena in energetic materials; real-gas thermochemical processes; reaction in supercritical water medium; detonation of gas and condensed-phase media. Also serves as principal investigator for the Iowa Alliance for Wind Innovation and Novel Development (IAWIND).

patrick-butler@uiowa.edu
(319) 335-3565

Pablo M. Carrica
Professor, Mechanical and Industrial Engineering
Faculty Research Engineer, IIHR -- Hydroscience & Engineering

- Ship hydrodynamics; computational fluid dynamics; unsteady RANS and DES modeling of free surface flows; two-phase flow modeling and numerical computation; high-performance parallel computing; two-phase flow instrumentation development; fluid-structure interaction; aerodynamics of wind turbines.

pablo-carrica@uiowa.edu
(319) 335-6381

Kyung K. Choi
Carver Professor of Mechanical Engineering
Professor, Mechanical and Industrial Engineering

- Reliability-based design optimization (design for 6-sigma) with target confidence level; surrogate modeling for RBDO; sampling-based RBDO; mechanical systems analysis; design sensitivity analysis and optimal design of nonlinear systems; computational methods in mechanics; mathematical theory of optimization and its application to mechanical systems.

kyung-choi@uiowa.edu
(319) 335-5684

Corey Markfort

Assistant Professor of Civil and Environmental Engineering Assistant
Faculty Research Engineer--IIHR Hydroscience & Engineering
Environmental fluid mechanics, turbulence, atmospheric boundary layer,
renewable energy and wind engineering, biosphere-atmosphere
exchange, hydrology, water resources engineering, air-water and
wetland hydrodynamics, earth systems dynamics and change.

corey-markfort@uiowa.edu

(319) 335-6168

Albert Ratner

Associate Professor, Mechanical and Industrial Engineering
Director, Combustion and High Speed Fluid Mechanics Lab

- Flame front dynamics; impact of fuel mixing on combustion instabilities; combustion of bio-derived fuels; droplet and spray dynamics.

albert-ratner@uiowa.edu

(319) 384-0883

Energy Markets Research

Luciano de Castro

Associate Professor of Economics

luciano-decastro@uiowa.edu

(319) 335-0963

Floods/Water Management/River Hydraulics

A. Allen Bradley, Jr.

Professor, Civil and Environmental Engineering

Faculty Research Engineer, IIHR--Hydroscience & Engineering

- Flood hydrology; hydroclimatology of extreme rainstorms; hydrologic forecast verification.

allen-bradley@uiowa.edu

(319) 335-6117

George S. Constantinescu

Associate Professor, Civil and Environmental Engineering
Associate Faculty Research Engineer, IIHR--Hydroscience & Engineering

- Computational fluid dynamics (CFD) and applications in fluid dynamics; environmental/water resources and coastal engineering; turbulence dynamics and modeling; Large-Eddy Simulation (LES) techniques for single and multi-phase flows; Detached-Eddy Simulation (DES), algorithms for numerical simulation of complex flows on structured and unstructured meshes; Eulerian-Lagrangian methods for simulation of particle laden flows; Pump-intake flows; River hydraulics; Computational aeroacoustics; Parallel and large scale computing.

george-constantinescu@uiowa.edu

(319) 384-0630

Craig Just

Assistant Professor, Civil and Environmental Engineering
Assistant Faculty Research Engineer, IIHR – Hydroscience & Engineering

Coordinator, College of Engineering Sustainability Programs

- Use of sensors to measure water quality at rapid intervals; use of mussels as living biosensors; fate of pharmaceuticals in non-conventional wastewater treatment systems; human exposure to PCBs resulting from industrial dredging operations.

craig-just@uiowa.edu

(319) 335-5051

Witold F. Krajewski, Rose & Joseph Summers Chair in Water Resources Engineering

Professor, Civil and Environmental Engineering

Director, Iowa Flood Center

- Remote sensing of hydrologic processes; radar and satellite estimation of rainfall; statistical error structure of radar rainfall measurements; space-borne radar systems; statistical modeling of rainfall fields; real-time hydrometeorological forecasting; uncertainty analysis in hydrology; distributed parameters hydrologic models; geographic information systems in hydrology; filtering theory applications in hydrology; atmospheric radiative transfer modeling. As director of the Iowa Flood Center, develop hydrologic models for physically-based flood frequency estimation and real-time forecasting of floods, including hydraulic models of flood plain inundation mapping; establish community-based programs to improve flood monitoring and prediction along Iowa's major waterways and to support ongoing flood research; and assist in the development of a workforce in the state knowledgeable regarding flood research, prediction, and mitigation strategies.

witold-krajewski@uiowa.edu / (319) 335-5231

Anton Kruger

Professor, Electrical and Computer Engineering

Professor, Civil and Environmental Engineering

Faculty Research Engineer, IIHR -- Hydroscience & Engineering

- Rain drop size distribution measurements; development of archival precipitation data sets for the GCIP; particle image velocimetry for ice modeling; PC-based laser control for particle images velocimetry.

anton-kruger@uiowa.edu

(319) 335-6287

Jacob Odgaard

Professor, Civil and Environmental Engineering

Faculty Research Engineer, IIHR -- Hydroscience & Engineering

- River meandering and channel stability; sediment management in rivers using Iowa Vanes and other structures; fish diversion structures.

jacob-odgaard@uiowa.edu

(319) 335-5213

Larry J. Weber, Edwin B. Green Chair in Hydraulics

Professor, Civil and Environmental Engineering

Director, IIHR -- Hydroscience & Engineering

- Combining hydro-dynamic data and biological data of fish response to further understanding of fish in the immediate vicinity of passage facilities; application of computational fluids dynamics codes to natural river reaches and hydraulic structures; and the fundamentals principles of plunging jets and combining open channel flows. As director of IIHR, oversees research in fluid dynamics (ship hydrodynamics, turbulent flows, biological fluid flow); environmental hydraulics (structures, river and dam hydraulics, fish passage at dams, sediment management, heat dispersal in water bodies and power production, water-quality monitoring, air-water exchange processes); and water and air resources (atmospheric boundary layer, air pollution, hydrogeology, hydrology, hydrometeorology, remote sensing).

larry-weber@uiowa.edu

(319) 335-5597

Geology

Bill McClelland

Professor, Geology

- Expert in Mineral Resources, and Mineral Resource Environmental Science

bill-mcclelland@uiowa.edu

(319) 335-1827

International Environmental Law

Jonathan Carlson
Professor of Law and International Studies and Victor and Carol Alvarez
Fellow in Law
jonathan-c-carlson@uiowa.edu
(319) 335-9026

Nuclear

Pamela Kostle
Environmental Laboratory Manager - Radiochemical Testing, State
Hygienic Laboratory

- Provides oversight for radiochemical operations and testing services.

pamela-kostle@uiowa.edu
(319) 335-4236

Marinea Mehrhoff
Environmental Laboratory Supervisor - Radiochemistry Testing, State
Hygienic Laboratory

- Manages radiological testing performed to support state programs.

marinea-mehrhoff@uiowa.edu
(319) 335-4245

Research

John Vargo, Ph.D.
Environmental Laboratory Scientist – State Hygienic Laboratory

- Provides oversight for method development and other research activities performed at the State Hygienic Laboratory (pharmaceuticals, pesticides, hormones and other emerging contaminants)

john-vargo@uiowa.edu
(319) 335-4478

Water Quality

Art Bettis
Associate Professor, Geoscience

- Expert in soil erosion, urban soils, stream bank erosion, gully erosion, sediment transport and geoarchaeology

art-bettis@uiowa.edu
(319) 335-1831

James H.J. Buchholz

Associate Professor of Mechanical and Industrial Engineering and
Associate Faculty Research Engineer at IIHR--Hydroscience &
Engineering.

- Under David Cwiertny, make him Associate Professor. Unsteady aerodynamics of biologically-inspired underwater and aerial vehicles, urban microclimate and transport phenomena, cardiovascular fluid mechanics.

james-h-buchholz@uiowa.edu

(319) 335-5224

David Cwiertny

Assistant Professor, Civil and Environmental Engineering

- Environmental chemistry, water and wastewater treatment and reuse.

david-cwiertny@uiowa.edu

(319) 335-1401

Carrie Davis

Postdoctoral Scholar, Iowa Institute of Hydraulic Research

- Assisting with a water-quality initiative to monitor real-time changes in the Mississippi River in response to climatic events, agricultural trends, and other human activities.

caroline-davis@uiowa.edu

(563) 288-2886

William E. Eichinger

William D. Ashton Professor of Civil Engineering

Professor Civil and Environmental Engineering

Faculty Research Engineer, IIHR - Hydroscience & Engineering

- Development of wind lidar capability; flow and emissions from confined animal facilities, long range transport from urban areas, development of the boundary layer.

william-eichinger@uiowa.edu

(319) 335-6034

Nancy Hall, BS,MT (ASCP)

Environmental Microbiology Manager – State Hygienic Laboratory

- Oversees the environmental microbiology section, which provides guidance, water quality testing and interpretations for private well water samples in the state of Iowa.

nancy-hall@uiowa.edu

(319) 335-4331

Keri C. Hornbuckle
Professor, Civil and Environmental Engineering
Faculty Research Engineer, IIHR - Hydroscience & Engineering, Donald
E. Bently Professor of Engineering

- Source and fate of consumer products in natural systems;
Atmospheric deposition of potentially toxic compounds into the
Great Lakes; Design of air and water sampling equipment;
Modeling.

keri-hornbuckle@uiowa.edu
(319) 335-5148

Craig Just
Assistant Professor, Civil and Environmental Engineering
Assistant Faculty Research Engineer, IIHR – Hydroscience &
Engineering
Coordinator, College of Engineering Sustainability Programs

- Use of sensors to measure water quality at rapid intervals; use of
mussels as living biosensors; fate of pharmaceuticals in non-
conventional wastewater treatment systems; human exposure to
PCBs resulting from industrial dredging operations.

craig-just@uiowa.edu
(319) 335-5051

Gregory H. LeFevre
Assistant Professor of Civil and Environmental Engineering Assistant
Faculty Research Engineer, IIHR--Hydroscience & Engineering
Fundamental mechanisms related to the microbial and vegetative
biotransformation of emerging contaminants in aquatic environments.

gregory-lefevre@uiowa.edu
(319) 335-5655

Timothy E. Mattes
Associate Professor, Civil and Environmental Engineering
Researcher, Center for Global and Regional Environmental Research
Associate Faculty Research Engineer, IIHR--Hydroscience &
Engineering

- Environmental biotechnology, oxidative biocatalysis, evolution
of microbial biodegradation pathways, and application of
genomics and proteomics techniques in the study of
environmentally relevant microbial communities.

tim-mattes@uiowa.edu
(319) 335-5065

John Miller
Environmental Manager, State Hygienic Laboratory

- Manages waterway monitoring operations associated with Iowa
the Department of Natural Resources program.

john-miller@uiowa.edu
(515) 725-1607

Michelle M. Scherer
Donald E. Bently Professor of Engineering
Professor and Departmental Executive Officer, Civil and Environmental
Engineering
Faculty Research Engineer, IIHR--Hydroscience & Engineering

- Fe redox cycling and biogeochemistry; nanoscience in geochemistry: reactions of environmental contaminants, such as TCE and Uranium with Fe minerals formed from chemical and biological pathways; behavior of nanoparticle iron minerals in air, water, and soil.

michelle-scherer@uiowa.edu
(319) 335-5654

Doug Schnoebelen, Ph.D.
Director, LACMRERS – Iowa Institute of Hydraulic Research

- Assisting with a water-quality initiative to monitor real-time changes in the Mississippi River in response to climatic events, agricultural trends, and other human activities.

douglas-schnoebelen@uiowa.edu
(319) 335-6061

Jerald L. Schnoor
Allen S. Henry Chair in Engineering
Professor, Civil and Environmental Engineering
Co-Director, Center for Global & Regional Environmental Research
Faculty Research Engineer, IIHR -- Hydroscience & Engineering

- Groundwater contamination and hazardous waste remediation; global change; water observatories; phytoremediation; sustainability. Co-directs CGRER, which studies multiple aspects of global environmental change, including the regional effects on natural ecosystems, environments, and resources and on human health, culture, and social systems.

gerald-schnoor@uiowa.edu
(319) 335-5649

Michael Schueller
Environmental Manager, State Hygienic Laboratory

- Manages waterway monitoring operations associated with Iowa the Department of Natural Resources program.

michael-schueller@uiowa.edu
(319) 335-4389

Richard L. Valentine

Professor, Civil and Environmental Engineering

Researcher, Center for Global & Regional Environmental Research

- Reaction mechanisms and kinetics of disinfectant by-product formation in drinking water; inorganic contaminant accumulation in distribution systems; the role of lead oxide in controlling lead in drinking water; occurrence and removal of radio nuclides in drinking water; nano particulate contaminants in drinking water; advanced oxidation processes.

richard-valentine@uiowa.edu

(319) 335-5653

Gabriele Villarini

Assistant Professor, Civil and Environmental Engineering

Assistant Faculty Research Engineer, IIHR – Hydroscience & Engineering

- Remote sensing of rainfall; modeling of rainfall uncertainties; radar hydrology; flood hydrology; extreme events; stationarity; error propagation; hydrometeorology.

gabriele-villarini@uiowa.edu

(319) 335-0596

Adam S. Ward

Assistant Professor, Dept. of Geosciences

Research Engineer, IIHR-Hydroscience & Engineering

- Groundwater quality, surface water quality, pollutant (nitrogen, phosphorous, and others) transport in rivers, streams, and wetlands. Hydrological modeling. Sustainable management of water resources

adam-ward@uiowa.edu

(319) 353-2079

Michael Wichman, Ph.D.

Associate Director Environmental Health Programs – State Hygienic Laboratory

- Oversees environmental health testing services and operations

michael-wichman@uiowa.edu

(319) 335-4479

Health Care

Advanced Registered Nurse Practitioners

Brenda Hoskins, DNP, ARNP, GNP-BC, FAANP

Associate Professor (Clinical)

- Knowledgeable of educational & licensure requirements and practice issues.

brenda-hoskins@uiowa.edu

(319) 335-7102

Thad Wilson, Ph.D., RN

Executive Associate Dean

- Specializes in promoting immunizations and health promotion for children.

thad-wilson@uiowa.edu

(319) 335-8210

Anesthesia

Michael Todd, MD

Chair and Departmental Executive Officer

Department of Anesthesia

- For issues regarding anesthesia, conscious sedation, etc.

michael-todd@uiowa.edu

(319) 356-3868

Audiology

Paul Abbas, Ph.D.

Professor, Department of Communication Sciences and Disorders,

Speech and Hearing Center

- Research interest focuses on auditory physiology with emphasis on electrical stimulation of the ear

paul-abbas@uiowa.edu

(319) 335-8733

Ruth A. Bentler, PhD

Professor and Chair, Department of Communication Sciences and

Disorders, Speech and Hearing Center

- Researches hearing aid technology with emphasis in evaluation of device effectiveness and user satisfaction

ruth-bentler@uiowa.edu

(319) 335-8723

Carolyn Brown, PhD, MSPA
Professor and Licensed Audiologist
Department of Communication Sciences and Disorders, Speech and Hearing Center

- Expert in auditory physiology, cochlear implants

carolyn-brown@uiowa.edu
(319) 335-8734

Steven Green, Ph.D.
Professor, Neuroscience

- His research is relevant to the use of cochlear implants, currently the only effective treatment for sensorineural deafness.

steven-green@uiowa.edu
(319) 335-1612

Lenore Holte, PhD, CCC-A
Clinical Professor, Department of Communication Sciences and Disorders, Center for Disabilities and Development

- Expert in childhood hearing loss, immittance audiometry, newborn hearing screening

lenore-holte@uiowa.edu
(319) 356-1168

Diane Niebuhr, MA, CCC-A
Clinical Associate Professor, Department of Communication Sciences and Disorders, Speech and Hearing Center

- Diagnostic audiology and aural rehabilitation with a special interest in hearing aids and rehabilitation of adults with acquired hearing loss.

diane-niebuhr@uiowa.edu
319-335-8743

Richard Tyler, PhD
Professor, Director of Audiology, Department of Otolaryngology--Head and Neck Surgery

- Expert on tinnitus (ringing in the ear)

rich-tyler@uiowa.edu
(319) 356-2471

Cardiothoracic Surgery

Peter J. Gruber, MD, PhD
Chair and Departmental Executive Officer
Department of Cardiothoracic Surgery

- For information on innovative heart and chest procedures, including pediatric heart surgery

peter-gruber@uiowa.edu
(319) 356-4518

Chronic Disease Control

Barry Carter

Professor, College of Pharmacy

National Interdisciplinary Primary Care Network

- Evaluate strategies to improve chronic disease control and minimize medication risk utilizing physician/pharmacist collaborative teams. Dr. Carter is an expert on hypertension

barry-carter@uiowa.edu

(319) 335-8456

Dental Access

Peter Damiano, DDS, MPH

Professor, Preventive and Community Dentistry

Director, Health Policy Research Program

Director, Public Policy Center

University of Iowa

- Research focuses on issues relating to access to care, quality, cost and outcomes of care.

peter-damiano@uiowa.edu

(319) 335-6813

Mike Kanellis, DDS

Professor and Associate Dean for Patient Care

- Public health issues affecting pediatric dentistry including school based dental care, early childhood caries, access and utilization of dental services by low income children.

michael-kanellis@uiowa.edu

(319) 335-7439

Dental Treatment

Mike Kanellis, DDS

Professor and Associate Dean for Patient Care

- Public health issues affecting pediatric dentistry including school based dental care, early childhood caries, access and utilization of dental services by low income children.

michael-kanellis@uiowa.edu

(319) 335-7439

Dermatology

Janet A. Fairley, MD
Chair and Departmental Executive Officer
Department of Dermatology

- For issues regarding skin diseases and plastic surgery

janet-fairley@uiowa.edu
(319) 356-3609

E-Health and Innovation

Patrick Brophy, MD
Assistant Vice President for eHealth and Innovation

- Evaluating new and innovative technology for its ability to improve patient access and reduce health system costs

patrick-brophy@uiowa.edu
(319) 356-7249

Electronic Health Information

Lee Carmen, BSEE
Associate Vice President for Information Systems, UI Health Care

- Oversees information technology services , including technical support, applications development, and clinical applications across UI Health Care enterprise
- Knowledgeable about implementation of electronic medical record systems in health care settings

lee-carmen@uiowa.edu
(319) 356-4445

Elizabeth Chrischilles, M.S., Ph.D.
Marvin A. and Rose Lee Pomerantz Chair in Public Health and Professor of Epidemiology

- Researches medication use and effects among the elderly.

e-chrischilles@uiowa.edu
(319) 384-5009

Dave Eichmann, Ph.D.
Associate Professor, School of Library and Information Science

- Research interests lie in the general area of information systems, particularly representation and retrieval.

david-eichmann@uiowa.edu
(319) 384-5242

Dariush Shirazi

Director – Information Technology, State Hygienic Laboratory

- Oversees the laboratory Information Technology infrastructure and programming systems that support electronic transfer of results from patient testing throughout Iowa and the region, including North Dakota, South Dakota and in collaboration with national initiatives.

dariush-shirazi@uiowa.edu

(319) 335-4451

Douglas Van Daele, MD

Associate Professor, Otolaryngology—Head and Neck Surgery

- Knowledgeable about implementation of electronic medical record systems in health care settings

douglas-van-daele@uiowa.edu

(319) 353-8162

Emergency Medicine

Andrew Nugent, MD

Chair and Departmental Executive Officer

Department of Emergency Medicine

- For issues regarding the practice of emergency medicine, especially workforce in rural areas

andrew-nugent@uiowa.edu

(319) 353-7946

Family Medicine

Paul James, MD

Chair and Departmental Executive Officer

Department of Family Medicine

- For issues regarding the practice of family medicine, especially rural practice issues. Lead author of national study that recommended a change in high blood pressure measures

paul-james@uiowa.edu

(319) 384-7500

General Access

Tom Gruca

Professor of Marketing

- Healthcare accessibility
- Marketing strategy

thomas-gruca@uiowa.edu

(319) 335-0946

Jean E. Robillard, MD

Vice President for Medical Affairs

- Health care reform (federal and state)
- Health and health care policy
- Academic medical centers and academic medicine
- Integrated health care systems
- Academic medicine/health care administration leadership
- Accountable care organizations

jean-robillard@uiowa.edu

(319) 335-8064

Marcia Ward, MA, PhD

Professor, Department of Health Management and Policy, College of Public Health, Director of the Rural Telehealth Research Center

- Dr. Ward specializes in patient safety and rural healthcare delivery.

marcia-m-ward@uiowa.edu

(319) 384-5131

Health Care Law

Gail Agrawal

Dean and F. Wendell Miller Professor of Law

gail-agrawal@uiowa.edu

(319) 384-4658

Josephine Gittler

Wiley B. Rutledge Professor of Law

josephine-gittler@uiowa.edu

(319) 335-9046

Sheldon Kurtz

Percy Bordwell Professor

sheldon-kurtz@uiowa.edu

(319) 335-9069

Leonard Sandler

Clinical Professor

- Supervises law and policy in action projects relating to behavioral health, disability and related issues.

leonard-sandler@uiowa.edu

(319) 335-9030

Health Care Workers

Rita A. Frantz, PhD, RN, FAAN

Kelting Professor and Dean of the College of Nursing

- Knowledgeable of the percent of registered nurses with baccalaureate degrees in the state as well as the IOM-RWJF report

rita-frantz@uiowa.edu

(319) 335-7009

Kenneth Rempher, PhD, RN, MBA, CENP

Chief Nursing Officer, UI Hospitals and Clinics

- Hospital operations
- Continuum of care and care transitions
- Nursing workforce planning
- Future of nursing and nursing education
- Collective bargaining and nursing workforce issues

kenneth-rempher@uiowa.edu

(319) 353-7675

Anita Stineman, PhD, RN

Associate Professor (Clinical) and Director, Certification Center

- Health care worker credentials and issues

anita-stineman@uiowa.edu

(319) 335-5475

Tanya Uden Holman, MA, PhD

Clinical Associate Professor, Department of Health Management and Policy; Associate Dean of Education and Student Affairs, College of Public Health

- Dr. Uden-Holman specializes in public health workforce development through training and education; quality improvement in health care organizations and public health agencies; and patient safety.

tanya-uden-holman@uiowa.edu

(319) 384-5489

Jana Wessels, JD, MBA

Associate Vice President for Human Resources, UI Health Care

- Employment Law
- Compensation and Classification
- Talent Acquisition in Health Care
- Multi-Generational Work Force Issues

jana-wessels@uiowa.edu

(319) 335-8071

Ann Williamson, PhD, RN, NEA-BC
Associate Vice President for Nursing, UI Health Care
Chief Nursing Officer, UI Hospitals and Clinics

- Hospital operations
- Continuum of care and care transitions
- Nursing workforce planning
- Future of nursing and nursing education
- Collective bargaining and nursing workforce issues

ann-williamson@uiow.edu

(319) 356-2029

Hospital Dentistry

Kirk L. Fridrich, DDS
Chair and Departmental Executive Officer
Department of Hospital Dentistry

- For information on dental care, including preventive, restorative and prosthetic care and oral and maxillofacial surgical procedures.

kirk-fridrich@uiowa.edu

(319) 356-1981

Insurance

Stacey Cyphert, MHA, PhD
Assistant Vice President for Health Policy

- Iowa Legislature
- Medicaid

stacey-cyphert@uiowa.edu

(319) 356-3195

Ken Fisher, MBA
Associate Vice President for Finance, UI Health Care
Chief Financial Officer, UI Hospitals and Clinics

- Health care finance
- History of health care finance

kenneth-fisher@uiowa.edu

(319) 384-2844

Dan Shane, PhD
Assistant Professor, Department of Health Management and Policy,
College of Public Health

- Health insurance; Applied Econometrics; Health Policy; Health reform and physician incentives

dan-shane@uiowa.edu

(319) 384-3480

Julie Urmie, PharmD

Associate Professor, College of Pharmacy

- Prescription drug utilization between insured and uninsured individuals
- Behavioral Economics, consumer attitudes and preferences related to the use of medical care

julie-urmie@uiowa.edu

(319) 335-8616

Internal Medicine

Gary E. Rosenthal, MD

Interim Chair and Departmental Executive Officer

Department of Internal Medicine

- For issues regarding general health, and also many specialty areas, such as heart disease, digestive disorders, allergy, infectious diseases, rheumatology, kidney diseases, etc.

gary-rosenthal@uiowa.edu

(319) 356-2745

LEAN Health Care Management

Barrett Thomas

Associate Professor of Management Sciences

- Helps businesses across the state implement Lean theories so they may streamline their operations.

barrett-thomas@uiowa.edu

(319) 335-0938

Medications and Medication Therapy Access (pharmaceutical care)

Jay Currie, PharmD

Professor (Clinical), College of Pharmacy

Department Chair, Pharmacy Practice and Science

Director of Experience Programs

jay-currie@uiowa.edu

(319) 335-8875

Bernard Sorofman, PharmD

Executive Associate Dean, College of Pharmacy

bernard-sorofman@uiowa.edu

(319) 335-8878

Multiple Sclerosis

Terry Wahls, MD

Clinical Professor, Internal Medicine

- Created an innovative therapy involving intensive nutrition, progressive exercise, and neuromuscular stimulation to help patients with secondary progressive multiple sclerosis (SPMS).

terry-wahls@uiowa.edu

(319) 356-4421

Neurology

George B. Richerson, MD, PhD

Chair and Departmental Executive Officer

Department of Neurology

- For issues and disorders of the brain, including stroke, Alzheimer's, movement disorders, epilepsy, sleep disorders, headache, etc.

george-richerson@uiowa.edu

(319) 356-4296

Neuroscience

William Hedgcock

Associate Professor of Marketing

- Decision neuroscience, decision-making, decision bias, fMRI, MEG, eye tracking, neuromarketing

william-hedgcock@uiowa.edu

(319) 335-0894

Neurosurgery

Matthew Howard, MD

Chair and Departmental Executive Officer

Department of Neurosurgery

- For information regarding surgery of the brain and spine and the diseases and physiology of the nervous system, including head and spine trauma, brain tumors and brain aneurysm

matthew-howard@uiowa.edu

(319) 356-8468

Newborn and Maternal Screening

Stanton Berberich, PhD
Program Manager – Newborn and Maternal Screening Programs, State Hygienic Laboratory

- Oversees the laboratory services performed in support of the Iowa Neonatal Metabolic Screening Program and the Iowa Maternal Prenatal Screening Program.

stanton-berberich@uiowa.edu

(319) 335-4500

Obstetrics and Gynecology

Kimberly Leslie, MD
Chair and Departmental Executive Officer
Department of Obstetrics and Gynecology

- For issues related to women's health, including high-risk pregnancy, cancer, infertility, menopause, etc.

Kimberly-leslie@uiowa.edu

(319) 356-1976

Ophthalmology

Keith Carter, MD
Chair and Departmental Executive Officer
Department of Ophthalmology

- For information regarding eye health, including glaucoma, macular degeneration, laser vision correction, retina diseases, cancers, etc.

keith-carter@uiowa.edu

(319) 356-2867

Orthopaedics

Thomas Brown, PhD
Professor, Biomedical Engineering

- Researches joint replacement, intra-articular fractures, osteonecrosis, post-traumatic arthritis, and carpal tunnel syndrome.

tom-brown@uiowa.edu

(319) 335-7528

Orthopaedics and Rehabilitation

J. Lawrence Marsh, MD

Chair and Departmental Executive Officer

Department of Orthopaedics and Rehabilitation

- For information about bone and joint health, including clubfoot, cancer, sports medicine, joint replacement and other surgeries

j-marsh@uiowa.edu

(319) 356-0430

David Wilder

Professor, Biomedical Engineering

Researcher, Center for Computer-Aided Design

- Whole body vibration; spinal biomechanics; injury prevention.

david-wilder@uiowa.edu

(319) 384-0513

Otolaryngology

Bruce J. Gantz, MD

Chair and Departmental Executive Officer

Department of Otolaryngology

- For issues related to head and neck disorders, including cochlear implants, cleft palate, cancers, speech and swallowing, etc.

bruce-gantz@uiowa.edu

(319) 356-2173

Pathology

Nitin J. Karandikar, MD, PhD

Chair and Departmental Executive Officer

Department of Pathology

- For information regarding research and clinical laboratory services and medical examiner services

nitin-karandikar@uiowa.edu

(319) 384-9609

Pediatrics

Raphael Hirsch, MD

Chair and Departmental Executive Officer

Stead Family Department of Pediatrics

- For issues regarding all aspects of children's health and new UI Children's Hospital

raphael-hirsch@uiowa.edu

(319) 356-0469

Prescription Drugs

Michael Brownlee, PharmD, MS

Associate Director and Chief Pharmacy Officer, UI Hospitals and Clinics

Associate Dean, Clinical Education, UI College of Pharmacy

- For information on clinical pharmacy and pharmaceutical education

michael-brownlee@uiowa.edu

(319) 356-2577

Jay Currie, PharmD

Professor (Clinical), College of Pharmacy

Department Chair, Pharmacy Practice and Science

Director of Experience Programs

jay-currie@uiowa.edu

(319) 335-8875

Michael Ernst, PharmD

Professor, (Clinical), College of Pharmacy, Family Medicine

- His practice areas within the Family Medicine clinic encompass both the outpatient and inpatient settings where he is engaged in direct patient care, as well as traditional provision of drug information and pharmacotherapy consultation to physicians and allied health care providers in the clinic. He maintains active practice and research interests in the areas of hypertension and geriatric patient care.

michael-ernst@uiowa.edu

(319) 384-7756

Jennifer Fiegel

Associate Professor, Chemical and Biochemical Engineering

- Drug delivery, polymeric biomaterials, nano and microtechnology, airborne infectious diseases.

jennifer-fiegel@uiowa.edu

(319) 335-8830

Eric E. Nuxoll, PhD

Assistant Professor

Chemical and Biochemical Engineering

- Controlled release with emphasis on pharmaceutical systems.

eric-nuxoll@uiowa.edu

(319) 353-2377

Jeff Reist, BSPH, PharmD

Associate Professor (Clinical), College of Pharmacy

Director, Pharmacy Practice Lab

jeffrey-reist@uiowa.edu

(319) 335-6513

Mary Starry, BSPH, PharmD
Assistant Professor (Clinical), College of Pharmacy
Director, Pharmacy Practice Lab
mary-starry@uiowa.edu
(319) 335-6513

Psychiatry

James “Jimmy” B. Potash, MD, MPH
Chair and Departmental Executive Officer
Department of Psychiatry

- For issues regarding mental health of both adults and children, including eating disorders, mood disorders, personality disorders, etc.

james-potash@uiowa.edu
(319) 356-1144

Radiation Oncology

John Buatti, MD
Chair and Departmental Executive Officer
Department of Radiation Oncology

- For information regarding cancer treatment with radiation, new technology and research

john-buatti@uiowa.edu
(319) 356-2699

Radiology

Joan E. Maley, MD
Interim Chair and Departmental Executive Officer
Department of Radiology

- For information regarding state-of-the-art imaging technology, including computerized tomography (CT), magnetic resonance (MR), and positron emission tomography (PET) scans, digital mammography. Also treatment options such as interventional radiology.

joan-maley@uiowa.edu
(319) 356-3452

Research

Sue Gardner, PhD, RN

Associate Professor, College of Nursing

Associate Director of Research, University of Iowa John A. Hartford
Center of Geriatric Nursing Excellence

- Knowledgeable of research methods, research in the area of pressure ulcers and diabetic foot ulcers

sue-gardner@uiowa.edu.

(319) 335-7037

Ann Marie McCarthy, PhD, RN, PNP, FAAN

Professor and Associate Dean for Research and Scholarship

- Knowledgeable of research methods, research based pediatric medication management in schools and cognitive behavioral interventions for pediatric pain management

ann-mccarthy@uiowa.edu

(319) 335-7087

Barbara Rakel, PhD, RN, FAAN

Associate Professor, College of Nursing

- Knowledgeable of research methods, research in the area of non-pharmacologic strategies to address movement-evoked pain and promote function in elders.

barbara-rakel@uiowa.edu

(319) 335-7036

Debra Schwinn, MD

Dean, UI Roy J. and Lucille A. Carver College of Medicine

- Knowledgeable about basic and clinical/translational research activities at academic medical centers

debra-schwinn@uiowa.edu

(319) 384-4547

Toni Tripp-Reimer, PhD, RN, FAAN

Professor and Senior Advisor to the Dean, College of Nursing

Co-Director, John A. Hartford Center for Geriatric Nursing Excellence

- Knowledgeable about minority health, chronic disease management, and interventions using community based participatory research and as well as mixed methods.

toni-reimer@uiowa.edu

(319) 335-7135

Patricia Winokur, MD

Associate Dean for Clinical and Translational Science

- Research funding opportunities
- 12 Core Research Facilities
- Translation of scientific discoveries from “bench-to-bedside”

patricia-winokur@uiowa.edu

(319) 356-3909

Rural Access

Mary Charlton, PhD

Assistant Professor, Department of Epidemiology, College of Public Health

- Assessment of differences in access and health services use between rural and urban populations related to the prevention, detection and treatment of cancer.
- Implications of provider reimbursement methodology, health insurance status and benefit design on health care delivery.

mary-charlton@uiowa.edu

(319) 384-1564

Charles Fluharty, M.Div.

Clinical Professor, Department of Health Management and Policy

President and CEO of the Rural Policy Research Institute (RUPRI)

A national and international expert in the rural impacts of public policies.

The Rural Policy Research Institute, based in the UI College of Public Health, addresses issues affecting rural people and places – including economic development, entrepreneurship, health and human services policy, arts and culture, regional innovation and governance, poverty, telecommunications, and transportation.

cfluharty@rupri.org

(319) 384-3816

Thomas Gruca, Professor of Marketing

- Expertise: Rural Health Care Access; Interface of Finance and Marketing; Marketing Strategy

thomas-gruca@uiowa.edu

(319) 335-0946

Paul James, MD

Chair and Departmental Executive Officer

Department of Family Medicine

- For issues regarding the practice of family medicine, especially rural practice issues. Lead author of national study that recommended a change in high blood pressure measures

paul-james@uiowa.edu

(319) 384-7500

Brandi Janssen

Clinical Assistant Professor, Department of Occupational and Environmental Health, College of Public Health; director of Iowa's Center for Agricultural Safety and Health

- Expert in agricultural safety and health, rural food production, and environmental justice.

brandi-janssen@uiowa.edu

(319) 335-4190

A. Clinton MacKinney, MD

Clinical Associate Professor, Department of Health Management and Policy, College of Public Health

- Expert in rural health policy, and relationships between physicians and health care administrators.

clint-mackinney@uiowa.edu

(319) 384-4370

Keith J. Mueller, PhD

Gerhard Hartman Professor and Head, Department of Health Management and Policy, College of Public Health

Director, Rural Policy Research Institute Center for Rural Health Policy Analysis

- Expert in rural health policy and the delivery of health care to rural areas. Recognized expert on implementation of the Patient Protection and Affordable Care Act.

keith-mueller@uiowa.edu

(319) 384-3832

Greg Nelson, MA, RN

Assistant Dean for Clinical Education Programs, College of Medicine Administration

- Physician recruitment, placement, and retention
- Rural health care systems
- Physician-hospital relations
- Provider employment agreements

gregory-nelson@uiowa.edu

(319) 335-8618

Scope of Practice

Brenda Hoskins, DNP, MSN, ARNP, GNP-BC

Associate Professor (Clinical), College of Nursing

- Knowledgeable of educational and licensure requirements and practice issues.

brenda-hoskins@uiowa.edu

(319) 335-7102

Tess Judge-Ellis, DNP, RN, ARNP, FNP-BC, PMHNP-BC
Associate Professor (Clinical), College of Nursing

- Knowledgeable of educational & licensure requirements and practice issues. She runs a nurse managed clinic.

tess-judge-ellis@uiowa.edu

(319) 335-7124

Ann Rhodes, MSN, JD, BSN, RN
Associate Professor (Clinical), College of Nursing

- Knowledgeable of nurse practice act for Iowa and scope of practice issues.
- Published widely on legal issues and nursing practice.

ann-rhodes@uiowa.edu

(319) 335-8709

Craig Syrop, MD
Associate Vice President for UI Physicians
Professor, Department of Obstetrics and Gynecology, UI College of Medicine

- Endocrinology
- IVF
- Gynecologic ultrasound
- Infertility

craig-syrop@uiowa.edu

(319) 335-9502

Douglas Van Daele, MD
Chief Medical Information Officer and Physician Leader, UI Physicians

- Implementation of electronic medical record systems in health care settings
- Physician workforce

douglas-van-daele@uiowa.edu

(319) 353-8162

Carol Watson, PhD, BSN, RN, CENP
Professor (Clinical), College of Nursing

- Knowledgeable of educational & licensure requirements, hospital accreditation and practice issues.
- Led renovation project to move to all private rooms and transform the environment for both patients and nurses. Technology that creates efficient, reliable, and safe processes using Lean as the key transforming technology.

carol-a-watson@uiowa.edu

(319) 335-7024

Thad Wilson, Ph.D., RN
Executive Associate Dean

- Specializes in promoting immunizations and health promotion for children.

thad-wilson@uiowa.edu

(319) 335-8210

Speech Pathology

Ruth A. Bentler, PhD

Professor and Chair, Department of Communication Sciences and Disorders, Speech and Hearing Center

- Researches hearing aid technology with emphasis in evaluation of device effectiveness and user satisfaction

ruth-bentler@uiowa.edu

(319) 335-8723

Carolyn Brown, PhD, MSPA

Professor and Licensed Audiologist

Department of Communication Sciences and Disorders, Speech and Hearing Center

- Expert in auditory physiology, cochlear implants

carolyn-brown@uiowa.edu

(319) 335-8734

Karen Bryant, PhD, MS

Clinical Associate Professor, Department of Communication Sciences and Disorders, Speech and Hearing Center

Licensed Speech-Language Pathologist, Speech and Swallowing Clinic

Department of Otolaryngology-Head & Neck Surgery

- Expert in neurogenic speech/language and swallowing disorders

karen-bryant@uiowa.edu

(319) 356-2292

Elizabeth Delsandro, MS, CCC-SLP

Clinical Assistant Professor and Licensed Speech-Language Pathologist

Department of Communication Sciences and Disorders, Speech and Hearing Center

- Expertise in autism (communication and social interaction)

elizabeth-delsandro@uiowa.edu

(319) 335-6998

Lenore Holte, PhD, CCC-A

Clinical Professor, Department of Communication Sciences and Disorders, Center for Disabilities and Development

- Expert in childhood hearing loss, immittance audiometry, newborn hearing screening

lenore-holte@uiowa.edu

(319) 356-1168

Linda J. Louko, PhD, CCC-SLP
Clinic Director, Wendell Johnson Speech and Hearing Center
Clinical Associate Professor, Department of Communication Sciences
and Disorders

- Expert in speech pathology, clinical process, and supervision

linda-louko@uiowa.edu

(319) 335-8698

Karla McGregor, PhD, MS
Professor, Department of Communication Sciences and Disorders,
Speech and Hearing Center

- Expert in language learning and language impairment in
childhood

karla-mcgregor@uiowa.edu

(319) 335-8724

Diane Niebuhr, MA, CCC-A
Clinical Associate Professor, Department of Communication Sciences
and Disorders, Speech and Hearing Center

- Diagnostic audiology and aural rehabilitation with a special
interest in hearing aids and rehabilitation of adults with acquired
hearing loss.

diane-niebuhr@uiowa.edu

319-335-8743

Patricia M. Zebrowski, PhD
Professor, Department of Communication Sciences and Disorders,
Speech and Hearing Center

- Expert in Communication Sciences and Disorders, Speech-
Language Pathology
- Identification and treatment of stuttering in children

tricia-zebrowski@uiowa.edu

(319) 335-8735

Surgery

Ronald J. Weigel, MD, PhD, MBA
Chair and Departmental Executive Officer
Department of Surgery

- For issues regarding general and specialized surgery, including
organ transplant and trauma surgery.

ronald-weigel@uiowa.edu

(319) 353-7474

Urology

Karl J. Kreder, MD, MBA
Chair and Departmental Executive Officer
Department of Urology

- For information on urologic system diseases and disorders, including prostate cancer, male infertility, bowel and bladder disorders, kidney stones, and urologic surgeries.

karl-kreder@uiowa.edu

(319) 353-8771

Vision Screening

Keith Carter, MD
Chair and Departmental Executive Officer
Department of Ophthalmology

- For information regarding eye health, including glaucoma, macular degeneration, laser vision correction, retina diseases, cancers, etc.

keith-carter@uiowa.edu

(319) 356-2867

Visual Sciences

John Fingert, MD, PhD
Associate Professor, Ophthalmology & Visual Sciences and Anatomy
and Cell Biology

- Identifies genes and investigates their role in the development of disease with the ultimate goal of preventing vision loss by improving diagnosis and treatment of glaucoma.

john-fingert@uiowa.edu

(319) 335-7508

Human Services

Robert Bacon

Director, Disability Policy and Training, Center for Disabilities and Development

- History of federal and state disability policy
- Rebalancing service systems to promote community living of formerly institutionalized persons
- Self-determination and empowerment of individuals with disabilities and their families
- Leveraging federal resources to finance needed changes in state service system capacity
- Designing and developing pre-service training and community education programs

robert-bacon@uiowa.edu

(319) 356-1335

Virginia Conley, PhD, APRN, CS, FNP, PMHNP

Clinical Associate Professor and Interim Director of the DNP Program

virginia-conley@uiowa.edu

(319) 335-7125

Michael Flaum, MD

Clinical Professor, Department of Psychiatry

Director, Iowa Consortium for Mental Health

- Public and community psychiatry
- Emergency psychiatric services
- Motivational interviewing
- Psychotic disorders
- Telemedicine applications in psychiatry

michael-flaum@uiowa.edu

(319) 353-4340

Todd Ingram, MA, RN

Assistant Professor (Clinical), College of Nursing

- Knowledgeable in violence management, crisis intervention, and suicide assessment.
- Prediction and prevention of violence in nursing care settings.

todd-ingram@uiowa.edu

(319) 335-7059

Tess Judge-Ellis, DNP, RN, ARNP, FNP-BC, PMHNP-BC

Associate Professor (Clinical), College of Nursing

- Knowledgeable in all aspects of mental health care in the primary care setting, unexplained physical symptoms (somatization), family practice, and cultural competence in health care providers.

tess-judge-ellis@uiowa.edu

(319) 335-7124

James “Jimmy” B. Potash, MD, MPH
Chair and Departmental Executive Officer
Department of Psychiatry

- For issues regarding mental health of both adults and children, including eating disorders, mood disorders, personality disorders, etc.

james-potash@uiowa.edu

(319) 356-1144

Debra Waldron, MD, MPH
Director, Child Health Specialty Clinics
Clinical Associate Professor, Department of Pediatrics

- Early childhood mental health development
- Primary care practitioner’s role in the mental health system
- Systems of care: coordination of community and clinical services
- Family centered care delivery systems

debra-waldron@uiowa.edu

(319) 467-5009

Counseling

John Wadsworth, Ph.D.
Associate Professor, Rehabilitation and Mental Health Counseling

- Areas of Expertise: Individual and group counseling for adolescents and adults with disabilities.

john-s-wadsworth@uiowa.edu

(319) 335-5246

Disability Law

Leonard Sandler
Clinical Professor

- Provides consultant services to local governments, developers and grassroots organizations and supervises clinical law programs relating to housing, affordable housing and universal design.

leonard-sandler@uiowa.edu

(319) 335-9030

Domestic Violence

Lois Cox
Clinical Professor of Law

lois-cox@uiowa.edu

(319) 335-9062

Economic Impact of Public Health Policy

David Frisvold

Assistant Professor of Economics

- Economics of Education
- Health Economics
- Labor Economics
- Public Economics

david-frisvold@uiowa.edu

(319) 335-0957

Elder Care Law

Josephine Gittler

Wiley B. Rutledge Professor of Law

josephine-gittler@uiowa.edu

(319) 335-9046

Family Economics

Alice Schoonbroodt

Assistant Professor of Economics

- Macroeconomics, demographic economics, family economics, growth and development

alice-schoonbroodt@uiowa.edu

(319) 335-0195

Family Law

Ann Laquer Estin, Aliber Chair in Law

ann-estin@uiowa.edu

(319) 335-6850

Angela Onwuachi-Willig

Charles M. and Marion J. Kierscht Professor of Law

angela-onwuachi@uiowa.edu

(319) 335-9043

Occupational Health

Carri Casteel, Ph.D.

Associate Professor, Department of Occupational and Environmental Health, College of Public Health

- Specializes in occupational safety and health, workplace violence prevention and workplace safety.

carri-casteel@uiowa.edu

(319) 384-4388

Ken Culp, PhD, RN, CS, FAAN

Professor

- Knowledgeable of health issues of various workforces: minority workers, dehydration and heat stress: prevention and treatment, aging workforce, health care workers

ken-culp@uiowa.edu

(319) 335-7060

Laurence Fuortes, M.D., M.S.

Professor, Department of Occupational and Environmental Health, College of Public Health

- Specialty areas include occupational and environmental toxicology, international health, and minority health issues. Currently leads a project addressing the health of Iowa's atomic weapons workers.

laurence-fuortes@uiowa.edu

(319) 335-9819

Matthew Nonnenmann, M.S., Ph.D.

Assistant Professor, Department of Occupational and Environmental Health, College of Public Health

- Specializes in exposure assessment, particularly in areas of worker health, agriculture (pesticides), forestry, and fishing.

matthew-nonnenmann@uiowa.edu

(319) 335-4207

Sandra Ramey, Ph.D., RN

Academic Faculty

- Knowledgeable of health issues of law enforcement officials (research based)

sandra-ramey@uiowa.edu

(319) 335-7113

Kerri Rupe, ARNP, FNP-C, COHN-S, DNP, FAANP

Associate Professor (Clinical)

- Knowledgeable of health issues of various workforces; expert in workers' health and safety, and occupational related issues

kerrilynn-rupe@uiowa.edu

(319) 335-7100

David Wilder
Professor, Biomedical Engineering
Researcher, Center for Computer-Aided Design

- Whole body vibration; spinal biomechanics; injury prevention.

david-wilder@uiowa.edu
(319) 384-0513

Severe Weather Phobia

John Westefeld, Ph.D.
Professor, Psychological and Quantitative Foundations
Counseling Psychology Program, College of Education

- Area of Expertise: severe weather phobia.

john-westefeld@uiowa.edu
(319) 335-5562

Suicide Prevention

John Westefeld, Ph.D.
Professor, Psychological and Quantitative Foundations
Counseling Psychology Program, College of Education

- Area of Expertise: Suicide and suicide prevention.

john-westefeld@uiowa.edu
(319) 335-5562

Judiciary

Administrative Law and Procedure and Administrative Regulation

Arthur Bonfield, Allan D. Vestal Chair and Associate Dean for Research
arthur-bonfield@uiowa.edu
(319) 335-9020

John Reitz
Edward Carmody Professor of Law
john-reitz@uiowa.edu
319-335-9086

Agricultural Law

N. William Hines
Dean Emeritus and Joseph F. Rosenfield Professor
n-hines@uiowa.edu
(319) 335-9236

Arbitration

Steven Burton
John F. Murray Professor of Law
steven-burton@uiowa.edu
(319) 335-9024

Maya Steinitz
Associate Professor of Law
maya-steinitz@uiowa.edu
(319) 335-9033

Civil Procedure

Pat Bauer
Professor of Law
patrick-bauer@uiowa.edu
(319) 335-9014

Stella Elias
Associate Professor of Law
stella-elias@uiowa.edu
(319) 335-9034

Maya Steinitz
Associate Professor of Law
maya-steinitz@uiowa.edu
(319) 335-9033

John-Mark Stensvaag
Charlotte and Frederick Hubbell Professor of Environmental and Natural
Law Resources
j-stensvaag@uiowa.edu
(319) 335-9035

Comparative Law

John Reitz
Edward Carmody Professor of Law and Director of LLM Programs and
Visiting Scholars
john-reitz@uiowa.edu
(319) 335-9086

Maya Steinitz
Associate Professor of Law
maya-steinitz@uiowa.edu
(319) 335-9033

Adrien Wing, Bessie Dutton Murray Professor
adrien-wing@uiowa.edu
(319) 335-9129

Constitutional Law

Christina Bohannon
Professor and Lauridsen Family Fellow in Law
Christina-bohannon@uiowa.edu
(319) 335-8337

Arthur Bonfield, Allan D. Vestal Chair and Associate Dean for Research
arthur-bonfield@uiowa.edu
(319) 335-9020

Jonathan Carlson
Professor of Law and International Studies and Victor and Carol Alvarez
Fellow in Law
jonathan-c-carlson@uiowa.edu
(319) 335-9026

Paul Gowder
Associate Professor of Law
paul-gowder@uiowa.edu
(319) 384-3202

Todd Pettys
Associate Dean for Faculty and H. Blair and Joan V> White Chair in
Civil Litigation
todd-pettys@uiowa.edu
(319) 335-6814

Adrien Wing, Bessie Dutton Murray Professor
adrien-wing@uiowa.edu
(319) 335-9129

Corporate Law

Robert Miller
Professor of Law and F. Arnold Daum Fellow in Corporate Law
robert-t-miller@uiowa.edu
(319) 335-9001

Criminal Law and Procedure

John Allen
Clinical Professor and Bouma Clinical Fellow in Trial Law
john-allen@uiowa.edu
(319) 335-9130

Emily Hughes
Professor of Law
emily-hughes@uiowa.edu
(319) 335-9034

James Tomkovicz
Edward Howrey Professor
james-tomkovics@uiowa.edu
(319) 335-9100

John Whiston
Herschel G. Langdon Clinical Professor of Law
john-whiston@uiowa.edu
(319) 335-9145

Evidence

Todd Pettys
Associate Dean for Faculty and H. Blair and Joan V> White Chair in
Civil Litigation
todd-pettys@uiowa.edu
(319) 335-6814

John-Mark Stensvaag
Charlotte and Frederick Hubbell Professor of Environmental and Natural
Law Resources
j-stensvaag@uiowa.edu
(319) 335-9035

John Whiston
Herschel G. Langdon Clinical Professor of Law
john-whiston@uiowa.edu
(319) 335-9145

Federal Courts

Todd Pettys
Associate Dean for Faculty and H. Blair and Joan V> White Chair in
Civil Litigation
todd-pettys@uiowa.edu
(319) 335-6814

Immigration Law

Stella Elias
Associate Professor of Law
stella-elias@uiowa.edu
(319) 335-9034

Bram Elias
Clinical Associate Professor
bram-elias@uiowa.edu
319-335-9023

Indian Law

Ann Laquer Estin, Aliber Chair in Law
ann-estin@uiowa.edu
(319) 335-6850

Intellectual Property

Christina Bohannon
Professor and Lauridsen Family fellow in Law
Christina-bohannon@uiowa.edu
(319) 335-8337

Herbert Hovenkamp
Ben and Dorothy Willie Chair
Herbert-hovenkamp@uiowa.edu
319-335-9079

Kembrew McLeod
Associate Professor
• Expert on intellectual property issues.
Kembrew-mcleod@uiowa.edu
(319) 335-0582

Jason Rantanen
Associate Professor of Law
jason-rantanen@uiowa.edu
(319) 335-9109

Landlord-Tenant Law

Thomas P. Gallanis
Associate Dean for Research and N. William Hines Chair in Law,
thomas-gallanis@uiowa.edu,
319-335-9018

N. William Hines
Dean Emeritus and Joseph F. Rosenfield Professor
n-hines@uiowa.edu
319-335-9236

Sheldon Kurtz
Percy Bordwell Professor
sheldon-kurtz@uiowa.edu
(319) 335-9069

Open Public Records and Open Meetings Law

Arthur Bonfield, Allan D. Vestal Chair and Associate Dean for Research
arthur-bonfield@uiowa.edu
(319) 335-9020

Property Law

Thomas P. Gallanis
Associate Dean for Research and N. William Hines Chair in Law
thomas-gallanis@uiowa.edu
319-335-9018

N. William Hines
Dean Emeritus and Joseph F. Rosenfield Professor
n-hines@uiowa.edu
(319) 335-9236

Herbert Hovenkamp
Professor, Law
Ben and Dorothy Willie Chair
Director of The Innovation, Business and Law center at The University of Iowa College of Law. The center is an interdisciplinary teaching and research venture bringing together faculty who teach and study problems of business, technology, innovation, regulation, and legal policy from diverse perspectives. The purpose of the *Center* is twofold. First it seeks to offer an innovative curriculum and outstanding legal training in the areas pertaining to government regulation of entrepreneurship, innovation and management of resources. Second, it seeks to encourage creative individual and collaborative interdisciplinary research in these areas.
herbert-hovenkamp@uiowa.edu
(319) 335-9079

Sheldon Kurtz
Percy Bordwell Professor
sheldon-kurtz@uiowa.edu
(319) 335-9069

Lea VanderVelde
Josephine R. Witte Chair
l-vandervelde@uiowa.edu
(319) 335-9102

Rehabilitation

Mary Cohen, Ph.D.
Assistant professor, Music Education

- Working with incarcerated/inmates and the homeless.

mary-cohen@uiowa.edu
(319) 335-3030

John Wadsworth, Ph.D.
Associate Professor, Rehabilitation and Mental Health Counseling

- Areas of Expertise: Employment issues – working with seniors, people in retirement, persons with disabilities, veterans.

john-s-wadsworth@uiowa.edu
(319) 335-5246

Rachel Williams, Ph.D.
Professor of Art Education
rachel-williams@uiowa.edu
(319) 335-3012

Trusts and Estates

Thomas P. Gallanis,
Associate Dean for Research and N. William Hines Chair in Law,
thomas-gallanis@uiowa.edu,
319-335-9018

N. William Hines
Dean Emeritus and Joseph F. Rosenfield Professor
n-hines@uiowa.edu
(319) 335-9236

Sheldon Kurtz
Percy Bordwell Professor
sheldon-kurtz@uiowa.edu
(319) 335-9069

Leonard Sandler
Clinical Professor

- Supervises clinical law students who provide basic estate planning and document drafting services.

leonard-sandler@uiowa.edu
(319) 335-9030

Lunch and Learn Lecturers

Steven Anderson

Associate Professor, Neurology

- Clinical psychology, neuropsychology, cognitive neuroscience, human cognitive neuropsychology, frontal lobe dysfunction, language processing, and cognitive/behavioral rehabilitation,

steven-anderson@uiowa.edu

(319) 356-2671

John Culshaw

University Librarian

- Information technology in academic libraries, integration of library and campus technologies, and planning and developing library spaces for today's generation of researchers and learners

john-culshaw@uiowa.edu

(319) 335-5867

Sarah Fisher Gardial

Dean, Tippie College of Business

Professor of Marketing

- Business, business education, customer value and satisfaction, leadership, women in leadership, innovation

sarah-gardial@uiowa.edu

(319) 335-0866

Don Gurnett

Professor, Department of Physics & Astronomy

- Experimental space plasma physics, planetary radio emissions and plasma waves, spacecraft data analysis (Voyagers 1 and 2, Cassini, Cluster, Mars Express, and Juno)

donald-gurnett@uiowa.edu

(319) 335-1697

Cornelia Lang

Associate Professor, Department of Physics and Astronomy

- Radio astronomy, x-ray astronomy, observational study of interstellar medium and galactic center, astrophysics

cornelia-lang@uiowa.edu

(319) 335-1945

Helena Laroche

Assistant Professor, Internal Medicine and Pediatrics

- Diabetes, general internal medicine, obesity, preventive medicine, community research partnerships

Helena-laroche@uiowa.edu

(319) 353-7282

Jim Leach

Chair in Public Affairs

Visiting Professor, College of Law and Department of Political Science

- Leach is best known for his 30 years of service as a representative in Congress where he chaired the Banking and Financial Services Committee, the Subcommittee on Asian and Pacific Affairs, and the Congressional-Executive Commission on China

james-leach@uiowa.edu

(319) 335-9034

David McCartney

Adjunct Lecturer

University of Iowa Archivist, Special Collections

- Archives, public history, development, description, management, and preservation of document collections, preservation of non-textual records in obsolete or at-risk formats

david-mccartney@uiowa.edu

(319) 335-5921

Mark McDermott

Clinical Associate Professor, Science Education

STEM Coordinator, College of Education

- Science education, STEM outreach, STEM teaching and learning, development of effective pre-service and in-service STEM teacher training programs, improving science literacy through the use of multimodal communication

mark-a-mcdermott@uiowa.edu

(319) 335-5591

Bob McMurray

Professor, Department of Psychological & Brain Sciences

- On-line spoken word recognition, speech perception in typical adults and in people with language impairment and cochlear implants, the development of speech perception and word learning in infants and children; use of eye tracking, cognitive neuroscience techniques, computational modeling of perception and perceptual development

bob-mcmurray@uiowa.edu

(319) 335-0191

Donna Parsons

Lecturer, School of Music and Honors Program

- Music, literature, popular music, British popular culture, the Beatles, Harry Potter,

donna-parsons@uiowa.edu

(319) 335-3227

Maura Pilcher

Grant Wood Art Colony Director

- Grant Wood, historic preservation/conservation, and renovation initiatives,

Maura-pilcher@uiowa.edu

(319) 384-3579

Dan Reed

Vice President for Research and Economic Development

Professor, Computer Sciences and Electrical and Computer Engineering

- Technology policy, extreme computing, networking and information technology research, computational science, economic development

dan-reed@uiowa.edu

(319) 335-2132

Tom Rice

Faculty Director, John and Mary Pappajohn Education Center

- Educational programming and outreach, political science, political behavior, culture and politics

tom-rice@uiowa.edu

(319) 335-0256

Chuck Swanson

Executive Director, Hancher Auditorium

- Multidisciplinary performing arts, statewide community partnerships, community engagement, initiating and supporting the creation of new works, cultural and artistic ecology

charles-swanson@uiowa.edu

(319) 335-1133

Jon Winet

Director, Digital Studio for the Public Humanities

Professor, School of Art & Art History

Professor, International Programs

- Media, social practice and design, public digital humanities, online art and literature

jon-winet@uiowa.edu

(319) 384-3350

Postsecondary Education

Assistive Technology

Patricia Bahr, M.S.E., A.T.P., R.E.T.
Director, Iowa Center for Assistive Technology Education and Research (ICATER)

- Areas of Expertise: Assistive Technology and Universal Design for Learning.

patricia-bahr@uiowa.edu
(319) 335-5280

Assessment and Program Evaluation

Liz Hollingworth, Ph.D.
Associate Professor/Program Coordinator, Educational Leadership
Director, Center for Evaluation and Assessment

- Area of Expertise: program evaluation and assessment

Liz-hollingworth@uiowa.edu
(319) 335-5306

Donald Yarbrough, Ph.D.
Professor, Educational Measurement and Statistics

- Areas of expertise: program evaluation standards; STEM, health care, ELL, and higher education program evaluation and assessment

d-yarbrough@uiowa.edu
(319) 335 5567

Counseling

John Wadsworth, Ph.D.
Associate Professor, Rehabilitation and Mental Health Counseling

- Areas of Expertise: Individual and group counseling for adolescents and adults with disabilities.

john-s-wadsworth@uiowa.edu
(319) 335-5246

Distance Education

John Achrazoglou, Ph.D.

Adjunct Professor

Chief Technology Officer, College of Education

- Areas of expertise: distance education, assistive technologies, Universal Design for Learning, and Portfolio-Performance Assessment.

john-achrazoglou@uiowa.edu

(319) 335-5411

Laurie Croft, Ph.D.

Clinical Associate Professor, Gifted Education

Associate Director for Professional Development, Belin-Blank Center

- Areas of Expertise: online education; online learning strategies.

laurie-croft@uiowa.edu

(319) 335-6148

Diversity

Cassie Barnhardt, Ph.D.

Assistant Professor, Higher Education and Student Affairs

- Area of expertise: Campus climate, student activism, campus protests/dissent, diversity requirements in the curriculum, administrative response to campus controversies

cassie-barnhardt@uiowa.edu

(319) 335-5373

Nick Bowman, Ph.D.

Associate Professor, Higher Education and Student Affairs

- Area of expertise: College diversity experiences; religion/worldview in higher education

nick-bowman@uiowa.edu

(319) 335-5372

Benjamin Lustig, Ph.D.

Visiting Assistant Professor, Educational Leadership

- Areas of expertise: students with disabilities; Section 504 of the Rehabilitation Act; Americans with Disabilities Amendments Act

benjamin-lustig@uiowa.edu

(319) 335-5371

Sherry Watt, Ph.D.

Associate Professor, Higher Education and Student Affairs

- Area of expertise: cross-racial dialogue; identity development of college students, authentic self-exploration, privileged identity exploration.

Sherry-watt@uiowa.edu

(319) 335-5305

Higher Education

Brian An, Ph.D.

Assistant Professor, Higher Education and Student Affairs

- Area of expertise: dual enrollment, family patterns in higher ed enrollment, college readiness

brian-an@uiowa.edu

(319) 335-6390

Cassie Barnhardt, Ph.D.

Assistant Professor, Higher Education and Student Affairs

- Area of expertise: Campus climate, student activism, campus protests/dissent, diversity requirements in the curriculum, administrative response to campus controversies

cassie-barnhardt@uiowa.edu

(319) 335-5373

Nick Bowman, Ph.D.

Associate Professor, Higher Education and Student Affairs

- Area of expertise: College diversity experiences; religion/worldview in higher education; quantitative assessment of student outcomes and experiences; college rankings and perceptions of quality; student retention/persistence

nick-bowman@uiowa.edu

(319) 335-5372

Debora Liddell, Ed.D.

Professor, Higher Education and Student Affairs

Editor, *Journal of College Student Development*

- Area of expertise: ethical and moral development of college students

Debora-liddell@uiowa.edu

(319) 335-5343

Jodi Linley, Ph.D.

Visiting Assistant Professor and Program Coordinator, Higher Education and Student Affairs

- Areas of expertise: college student success; leadership; higher ed policy; campus climate for diversity; LGBTQ+ students

jodi.linley@uiowa.edu

(319) 335-5307

Benjamin Lustig, Ph.D.

Visiting Assistant Professor, Educational Leadership

- Areas of expertise: higher education disability law; Section 504 of the Rehabilitation Act; Americans with Disabilities Amendments Act

benjamin-lustig@uiowa.edu

(319) 335-5371

Christopher Morphew, Ph.D.

Professor, department of Educational Policy and Leadership Studies
Executive Associate Dean for Research and Innovation, College of Education

- Areas of expertise: higher education policy, college choice, and higher education marketing, admissions, financial aid, state policies of higher education

christopher-morphew@uiowa.edu

(319) 335-5366

Christine A. Ogren, Ph.D.

Associate Professor and Program Coordinator
Schools, Culture, and Society

- Area of Expertise: history of higher education in the United States.
-

chris-ogren@uiowa.edu

(319) 335-5202

Ernest T. Pascarella, Ph.D.

Professor, Higher Education Student Affairs
Founder of CRUE – the Center for Research on Undergraduate Education

- Area of expertise: the impact of college on students

ernest-pascarella@uiowa.edu

(319) 335-5369

Sherry Watt, Ph.D.

Associate Professor, Higher Education and Student Affairs

- Area of expertise: cross-racial dialogue; identity development of college students, authentic self-exploration, privileged identity exploration.

Sherry-watt@uiowa.edu

(319) 335-5305

Honors Programs

Laurie Croft, Ph.D.

Clinical Associate Professor, Gifted Education

Associate Director for Professional Development at the Belin-Blank Center

- Areas of Expertise: impact of honors education on students.

laurie-croft@uiowa.edu

(319) 335-6148

Immigrant Literacy

Cassie Barnhardt, Ph.D.

Assistant Professor, Higher Education and Student Affairs

- Area of expertise: postsecondary access and opportunity for undocumented youth

cassie-barnhardt@uiowa.edu

(319) 335-5373

Carolyn Colvin, Ph.D.

Associate Professor, Language Literacy and Culture

Director, West Liberty Adult Literacy Program

- Areas of Expertise: Sociocultural literacy issues with immigrant adults and their literacy

carolyn-colvin@uiowa.edu

(319) 335-5588

Professional Development

Laurie Croft, Ph.D.

Clinical Associate Professor, Gifted Education

Associate Director for Professional Development at the Belin-Blank Center

- Areas of Expertise: Connecting professional learning to student learning; best practices in classroom instruction; professional learning communities; independent professional learning.

laurie-croft@uiowa.edu

(319) 335-6148

Sherry Watt, Ph.D.

Associate Professor, Higher Education and Student Affairs

- Area of expertise: cross-racial dialogue; identity development of college students, authentic self-exploration, privileged identity exploration.

Sherry-watt@uiowa.edu

(319) 335-5305

Program Evaluation

Liz Hollingworth, Ph.D.

Associate Professor/Program Coordinator, Educational Leadership
Director, Center for Evaluation and Assessment

- Area of Expertise: program evaluation and assessment

Liz-hollingworth@uiowa.edu

(319) 335-5306

Donald Yarbrough, Ph.D.

Professor, Educational Measurement and Statistics

- Areas of expertise: program evaluation standards; STEM, health care, ELL, and higher education program evaluation and assessment

d-yarbrough@uiowa.edu

(319) 335 5567

Social Justice

Benjamin Lustig, Ph.D.

Visiting Assistant Professor, Educational Leadership

- Areas of expertise: higher education program access for students with disabilities and mental illness; higher education civil rights law for students with disabilities

benjamin-lustig@uiowa.edu

(319) 335-5371

Sherry Watt, Ph.D.

Associate Professor, Higher Education and Student Affairs

- Area of expertise: cross-racial dialogue; identity development of college students, authentic self-exploration, privileged identity exploration.

Sherry-watt@uiowa.edu

(319) 335-5305

STEM Education

Jodi Linley, Ph.D.

Visiting Assistant Professor and Program Coordinator, Higher Education and Student Affairs

- Areas of expertise: underrepresented groups in STEM, undergraduate STEM education; undergraduate research

jodi.linley@uiowa.edu

(319) 335-5307

Student Life

Cassie Barnhardt, Ph.D.

Assistant Professor, Higher Education and Student Affairs

- Area of expertise: student activism, administrative response to campus controversies

cassie-barnhardt@uiowa.edu

(319) 335-5373

Debora Liddell, Ed.D.

Associate Professor, Higher Education and Student Affairs

- Area of Expertise: Student development and student affairs in post-secondary education

debora-liddell@uiowa.edu

(319) 335-5343

Teacher Professional Development

Kari Vogelgesang, Ph.D.

Associate Director, Teacher Leader Center

- Area of Expertise: Best practice teacher professional development.

Kari-vogelgesang@uiowa.edu

319-335-5348

Technology

John Achrazoglou, Ph.D.

Adjunct Professor

Chief Technology Officer, College of Education

- Areas of expertise: distance education, assistive technologies, Universal Design for Learning, and Portfolio-Performance Assessment.

john-achrazoglou@uiowa.edu

(319) 335-5411

Kari Vogelgesang, Ph.D.

Associate Director, Teacher Leader Center

- Area of expertise: evidence-based practices of technology tools in educational settings.

Kari-vogelgesang@uiowa.edu

319-335-5348

Public Health

Air Quality

Gregory R. Carmichael

Professor, Chemical and Biochemical Engineering

Karl Kammermeyer Professor of Chemical and Biochemical Engineering

Co-Director, Center for Global and Regional Environmental Research

(CGRER)

- Air quality and atmospheric chemistry modeling; data assimilation, chemical weather forecasting. Co-directs CGRER, which studies multiple aspects of global environmental change, including the regional effects on natural ecosystems, environments, and resources and on human health, culture, and social systems.

gregory-carmichael@uiowa.edu

(319) 335-5191

Patrick O'Shaughnessy

Professor, Civil and Environmental Engineering Director, Heartland

Center for Occupational Health and Safety, Professor, Department of

Occupational and Environmental Health

- Evaluation of nanoparticles in the workplace; air pollution dispersion of contaminants emanating from animal housing facilities; occupational health of workers in agriculture.

patrick-oshaughnessy@uiowa.edu

(319) 335-4202

Charles O. Stanier

Associate Professor, Chemical and Biochemical Engineering

Researcher, Center for Global and Regional Environmental Research

Research Engineer, IIHR--Hydroscience and Engineering

- Laboratory investigation and field sampling of air pollution, particularly of aerosol particles; Computation simulations to elucidate questions of atmospheric, aerosol chemistry, and the health effects of airborne contaminants.

charles-stanier@uiowa.edu

(319) 335-1399

Peter Thorne, Ph.D.

Professor and Head Department of Occupational and Environmental

Health, College of Public Health

- As the head of the UI's Department of Occupational and Environmental Health, Dr. Thorne is an expert in many areas including air pollution and rural health.

peter-thorne@uiowa.edu

(319) 335-4216

Aging

Sato Ashida

Assistant Professor, Department of Community and Behavioral Health,
College of Public Health

- Dr. Ashida is a member of the University of Iowa Aging Mind and Brain Initiative (AMBI) faculty. Expert in health behavior theories, gerontology and aging, and public health genomics.

sato-ashida@uiowa.edu

(319) 384-1477

Mercedes Bern-Klug, Ph.D., MSW, MA

Associate Professor, School of Social

- Research interests include: gerontology, demography; long-term care; psychosocial issues in advanced chronic illness; nursing home social work; end-of-life issues; funeral arrangements.

mercedes-bern-klug@uiowa.edu

(319) 335-1265

Elizabeth Chrischilles, M.S., Ph.D.

Associate Director for Population Sciences, Holden Comprehensive Cancer Center; Professor, Department of Epidemiology, College of Public Health

- Studies medication use and effects among the elderly; specializes in treatment effectiveness research, medication management/use, cancer outcomes.

e-chrischilles@uiowa.edu

(319) 384-5009

Catherine Cole

Professor of Marketing

- Elderly adults' use of consumer information

cathy-cole@uiowa.edu

(319) 335-1020

Natalie Denburg, Ph.D.

Assistant Professor, Interdisciplinary Graduate Program in Neuroscience

- Research involves the study of aging cognition. I am particularly interested in how attention and emotion impact cognitive functioning, such as memory and executive functioning, in healthy and clinical populations of older adults.

natalie-denburg@uiowa.edu

(319) 356-7619

Josephine Gittler

Wiley B. Rutledge Professor of Law

josephine-gittler@uiowa.edu

(319) 335-9046

Brian Kaskie, Ph.D., M.A.

Associate Professor, Department of Health Management and Policy,
College of Public Health

- Expert in health policy, especially in aging populations; Medicare and Medicaid policy.

brian-kaskie@uiowa.edu

(319) 384-5134

Robert Wallace, M.S., M.D.

Professor and Irene Ensminger Stecher Professorship in Cancer
Research, Department of Epidemiology, College of Public Health

- Dr. Wallace is a national authority on issues related to aging, chronic illness, and disability. Co-director of the UI Center on Aging. Member of the Institute of Medicine.

robert-wallace@uiowa.edu

(319) 384-5005

John Wadsworth, Ph.D.

Associate Professor, Rehabilitation and Mental Health Counseling

- Areas of Expertise: Employment of older individuals. Maintaining employment as an older person.

john-s-wadsworth@uiowa.edu

(319) 335-5246

Fred Wolinsky, Ph.D., M.A.

Professor and John W. Colloton Chair, Department of Health
Management and Policy, College of Public Health

- Dr. Wolinsky's research focuses on the measurement and longitudinal modeling of health status and health services use among older adults; and the analyses of the effects of a speed of processing intervention on health outcomes. His current work includes the Health and Retirement Study (HRS) and ACTIVE Study (Advanced Cognitive Training for Vital Elderly).

fredric-wolinsky@uiowa.edu

(319) 384-5129

Biostatistics

Joseph Cavanaugh, PhD

Professor and Head, Department of Biostatistics

- Nationally recognized for innovative methodological research in model selection, time series analysis, modeling diagnostics, and computational statistics. Collaborative research areas include infectious disease epidemiology, injury prevention, and dentistry. Fellow of the American Statistical Association, the nation's preeminent professional statistical society.

joe-cavanaugh@uiowa.edu

(319) 384-1602

Bio Terrorism/Chemical Threat Preparedness

Michael A. Pentella, Ph.D., D(ABMM)

Clinical Associate Professor, Department of Epidemiology

- Expert on public health laboratory techniques, infectious disease prevention, antimicrobial resistance, and bioterrorism preparedness.

michael-pentella@uiowa.edu

(319) 335-4765

Michael Wichman, Ph.D.

Associate Director Environmental Health Programs – State Hygienic Laboratory

- Oversees chemical threat preparedness and environmental testing

michael-wichman@uiowa.edu

319-335-4479

Dental

Dan Caplan, Ph.D., D.D.S

Professor and head of the Department of Preventive and Community Dentistry

- Studies outcomes related to endodontic treatment; decision-making in endodontics; relationships between oral and systemic diseases; and evaluation of diagnostic tests.

dan-caplan@uiowa.edu

(319) 335-7206

Environmental Health

T. Renée Anthony, Ph.D., M.S.E.E., C.I.H., C.S.P.
Associate Professor, Director of the Great Plains Center for Agricultural Health

- Specializes in respiratory protection and exposure assessment.

renee-anthony@uiowa.edu

(319) 335-4429

R. William Field, M.S., Ph.D.

Professor, Department of Occupational and Environmental Health,
College of Public Health; Director, Occupational Epidemiology Training
Program, Heartland Center for Occupational Health and Safety,
Professor of Occupational and Environmental Health

- Internationally recognized expert on the measurement and health effects of radon; occupational health/safety and environmental health issues, including water and air quality.

bill-field@uiowa.edu

(319) 335-4413

Fredric Gerr, M.D.

Professor, Department of Occupational and Environmental Health,
College of Public Health

- Dr. Gerr is an expert in occupational medicine, occupational epidemiology, musculoskeletal disorders including low back pain and carpal tunnel syndrome, occupational and environmental disorders of the nervous system, health effects of lead, pesticides and other toxicants, agricultural health.

fred-gerr@uiowa.edu

(319) 335-4212

Gabriele Ludewig, M.S., Ph.D.

Professor, Department of Occupational and Environmental Health,
College of Public Health

- Expert in environmental health and environmental toxicology with special emphasis on persistent organic pollutants like PCBs and PBDEs.

gabriele-ludewig@uiowa.edu

(319) 335-4650

Patrick O'Shaughnessy, Ph.D.

Professor, Department of Occupational and Environmental Health,
College of Public Health

- Expertise in exposure assessment and aerosol physics, air pollution control technology, inhalation toxicology, nanotechnology, and agricultural safety and health.

patrick-oshaughnessy@uiowa.edu

(319) 335-4202

David Osterberg, M.S., M.A.

Clinical Professor, Department of Occupational and Environmental Health, College of Public Health

- Authority in environmental health policy; expert in energy efficiency, renewable energy, water quality in Iowa, and global climate change policy.

david-osterberg@uiowa.edu

(319) 335-4424

Thomas Peters, Ph.D., M.S., B.S.

Professor, Department of Occupational and Environmental Health, College of Public Health

- Dr. Peters applies aerosol physics to the study of human health as it relates to particulate exposures. He develops novel strategies to quantify the morphology, concentration, and size of airborne particles and then uses these strategies to understand and control contaminants in diverse occupational and environmental settings.

thomas-m-peters@uiowa.edu

(319) 335-4436

Larry Robertson, Ph.D., M.P.H.

Professor, Department of Occupational and Environmental Health, College of Public Health

- Dr. Robertson specializes in occupational and environmental health, particularly the adverse effects of Polychlorinated Biphenyls (PCBs) and related halogenated hydrocarbons and the metabolism of these environmental pollutants. He is a Toxicologist and leads the Interdisciplinary Graduate Program in Human Toxicology and the Superfund Research Program at the University of Iowa.

larry-robertson@uiowa.edu

(319) 335-4554

Ergonomics

Nathan Fethke, Ph.D., C.P.E.

Associate Professor, Occupational and Environmental Health, College of Public Health

- Specializes in occupational ergonomics, musculoskeletal disorders.

nathan-fethke@uiowa.edu

(319) 467-4563

Farm Safety

Brandi Janssen, Ph.D.

Clinical Assistant Professor, Occupational and Environmental Health

- Expert in farm safety, agricultural and rural health, food systems, and alternative agriculture. Director of Iowa's Center for Agricultural Safety and Health.

brandi-janssen@uiowa.edu

(319) 335-4190

Diane Rohlman, PhD

Professor, Department of Occupational and Environmental Health,
College of Public Health

- Expert on identifying and characterizing adverse effects of pesticide exposure

diane-rohlman@uiowa.edu

(319) 384-4007

Foodborne Outbreaks

Nancy Hall, BS, MT (ASCP)

Environmental Microbiology Manager – State Hygienic Laboratory

- Oversees the environmental microbiology section and offers guidance coordinating laboratory support for foodborne outbreaks in the state of Iowa

nancy-hall@uiowa.edu

(319) 335-4331

Health Management

Philip Jones

Professor of management sciences

- Helps businesses across the state implement Lean theories so they may streamline their operations.

philip-c-jones@uiowa.edu

(319) 335-3737

Timothy Lowe

Professor, Management Sciences

- Facility location / design and logistics, production and operations management, supply chain management

timothy-lowe@uiowa.edu

(319) 335-1026

Ian Montgomery

Clinical Associate Professor, Department of Health Management and Policy

- Directs the University of Iowa's Executive Master of Health Administration (EMHA) program, a 2-year health care leadership training program delivered in Iowa City and Des Moines. Also directs onsite management training workshops for healthcare organizations. A Certified Medical Practice Executive with over thirty-five years of experience developing, administering, and consulting for a wide variety of medical practices across the United States.

ian-montgomery@uiowa.edu

(319) 384-3862

George Wehby, Ph.D.

Associate Professor, Department of Health Management and Policy, College of Public Health

- Specializes in health economics and healthcare effectiveness.

george-wehby@uiowa.edu

(319) 384-3814

Health Policy

Brad Wright

Assistant Professor, Department of Health Management and Policy, College of Public Health

- Expert in Medicaid and Medicare, health reform, access to health care, and health policy.

brad-wright@uiowa.edu

(319) 384-4369

Health Promotion

Shelly Campo, Ph.D.

Associate Professor, Department of Community and Behavioral Health, College of Public Health

- Expert in health communication, social marketing, and persuasion

shelly-campo@uiowa.edu

(319) 384-5393

Charles Fluharty, M.Div.

Clinical Professor, Department of Health Management and Policy
President and CEO of the Rural Policy Research Institute (RUPRI)

- A national and international expert in the rural impacts of public policies. The Rural Policy Research Institute, based in the UI College of Public Health, addresses issues affecting rural people and places – including economic development, entrepreneurship, health and human services policy, arts and culture, regional innovation and governance, poverty, telecommunications, and transportation.

cfluharty@rupri.org

(319) 384-3816

Miesha Marzell

Assistant Professor, Department of Community and Behavioral Health, College of Public Health

- Expert in etiology and prevention of alcohol and drug misuse among at-risk populations.

miesha-marzell@uiowa.edu

(319) 384-4384

Natoshia Askelson, M.P.H., Ph.D

Assistant Professor, Community and Behavioral Health

- Dr. Askelson is trained as a behavioral scientist with an emphasis in health communication. Her research is focused on maternal, child and family health, with an emphasis on elementary-aged children and adolescents.

natoshia-askelson@uiowa.edu

(319) 335-6867

Edith Parker, DrPH

Professor and Head, Department of Community and Behavioral Health, College of Public Health

- Expert in community interventions to improve health, environmental health promotion, risk communication.

edith-parker@uiowa.edu

(319) 384-1472

Michael Teague

Professor, Department of Health and Human Physiology

- Expert in designing health promotion programs for older adults.

michael-teague@uiowa.edu

(319) 335-9180

Thad Wilson, Ph.D., RN
Executive Associate Dean

- Specializes in promoting immunizations and health promotion for children.

thad-wilson@uiowa.edu

(319) 335-8210

Infectious Diseases

Margaret Chorazy, Ph.D., M.P.H.

Clinical Assistant Professor, Director of Public Health Undergraduate Programs

- Specializes in epidemiology of infectious diseases, particularly acute respiratory infections in pediatric and adult populations.

margaret-chorazy@uiowa.edu

(319) 384-1559

Lucy DesJardin, Ph.D.

Program Manager of Molecular Diagnostics and Research – State Hygienic Laboratory

- Oversees the molecular testing and infectious disease research.

lucy-desjardin@uiowa.edu

(319) 335-4339

Loreen Herwaldt, M.D.

Professor, Internal Medicine UI CCOM; Professor, Epidemiology UI COPH

- Healthcare-associated infections
- *Staphylococcus aureus*, including methicillin-resistant *S. aureus* (MRSA)
- Applying epidemiological techniques to investigate clusters of infections or other events such as rhabdomyolysis
- Surveillance of infections
- Preventing infection

loreen-herwaldt@uiowa.edu

(319) 356-0474

Christine Petersen, D.V.M., Ph.D.

Associate Professor, Epidemiology

- Expert on the transmission and prevention of emerging infectious diseases, with an emphasis on the transmission of disease between animals and humans (zoonotic diseases). Director of the Center for Emerging Infectious Diseases.

christine-petersen@uiowa.edu

(319) 384-1579

Lead Testing

Laurence Fuortes, M.D., M.S.

Professor, Department of Occupational and Environmental Health,
College of Public Health

- Specialty areas include occupational and environmental toxicology, international health, and minority health issues. Currently leads a project addressing the health of Iowa's atomic weapons workers.

laurence-fuortes@uiowa.edu

(319) 335-9819

Donald L. Simmons, Ph.D.

Environmental Lab Manager – State Hygienic Laboratory

- Oversees laboratory issues regarding childhood lead poisoning prevention and biomonitoring

donald-simmons@uiowa.edu

(515) 725-1600

Maternal and Child Health

Kelli Ryckman, Ph.D.

Assistant Professor, Epidemiology

- Expertise on risk factors for preterm birth and the complications of prematurity; genetics, metabolomics, and developmental origins of chronic disease; prenatal and newborn screening; NICU and pediatric biobanks.

kelli-ryckman@uiowa.edu

(319) 384-1562

Audrey Saftlas, Ph.D.

Professor, Epidemiology

- Expertise on risk factors for preeclampsia; intimate partner violence (IPV), prenatal stress, and risk of adverse birth outcomes; IPV interventions; treatment for cervical dysplasia, cervical cytokine changes, and risk of preterm delivery; mammographic density as a biomarker of breast cancer risk

audrey-saftlas@uiowa.edu

(319) 384-1554

Obesity

Barbara Baquero, PhD

Assistant Professor, Department of Community and Behavioral Health
College of Public Health

- Expert in obesity and chronic disease prevention, Latino health, and health disparities.

barbara-baquero@uiowa.edu

David Frisvold

Assistant Professor, Economics

- Economics of education, health economics, labor economics and public economics.

david-frisvold@uiowa.edu

(319) 335-0957

Mohammad Jamal, M.D.

Clinical Assistant Professor, Surgery

- Laparoscopic (minimally invasive) Weight Loss Surgery for morbid obesity (including gastric bypass, laparoscopic adjustable gastric band and sleeve gastrectomy)
- Laparoscopic gallbladder surgery
- Laparoscopic hernia repair
- Laparoscopic foregut surgery (esophageal and stomach surgery)

mohammad-jamal@uiowa.edu

(319) 353-7056

Isaac Samuel, M.D.

Associate Professor, Surgery

- Obesity surgery (also called weight reduction surgery or bariatric surgery)
- Laparoscopic (minimally invasive) gastric bypass surgery for morbid obesity
- Laparoscopic gastric band for morbid obesity
- Laparoscopic gallbladder surgery

isaac-samuel@uiowa.edu

(319) 384-7220

Linda Snetselaar, R.D., Ph.D.

Professor, Department of Epidemiology; Director, Nutrition Center,
College of Public Health

- Dr. Snetselaar is an authority in nutrition education, obesity, dietary interventions, and preventive medicine. Director of the UI Nutrition Center.

linda-snetselaar@uiowa.edu

(319) 384-5011

Preparedness

Christopher Atchison, M.P.A.

Director, University of Iowa Hygienic Lab; Clinical Associate Professor,
Associate Dean for Public Health Practice, College of Public Health

- Expert in health services policy; preparedness and emergency response; public health systems; public health practice; and public health workforce issues. CPH Associate Dean for Public Health Practice and Director of the State Hygienic Laboratory at The University of Iowa.

chris-atchison@uiowa.edu

(319) 335-4259

Mike Hartley

Emergency Management Coordinator

- Coordinator and primary contact for the all-hazards disaster preparedness planning and response program at UIHC
- Responsible for ongoing hospital compliance with the National Incident Management System (NIMS), and maintaining the readiness of the UIHC Hospital Incident Command System (HICS)
- Responsible for ongoing compliance with emergency management accreditation standards as set forth by The Joint Commission for the hospital and its outreach clinics

michael-hartley@uiowa.edu

(319) 353-6857

John Staley

Senior Associate Director, UI Hospitals and Clinics

- Led the development of the Hospital Emergency Incident Command System and its successor the Hospital Incident Command System for the UIHC to establish a structure for use in responding to all types of emergencies and disasters and other major challenges that require a quickly considered and expeditiously agreed to plan of action that involves all necessary components of the UIHC.
- Longstanding knowledge of and working relationships with leaders of other Iowa hospitals, health care associations, major businesses and State of Iowa Departments including emergency response agencies within the State of Iowa.
- Have served in several different emergency management roles including Liaison Officer and also as Incident commander in a number of exercises and as back-up in two actual events.
- Have authored or participated in writing numerous emergency operations plans for general preparedness and for specific applications and also scenarios, injects and assignments associated with several emergency preparedness exercises.

john-staley@uiowa.edu

(319) 356-2681

Prevention

Sue Curry, Ph.D.

Dean and Distinguished Professor, Department of Health Management and Policy, College of Public Health, Director of the Institute for Public Health Research and Policy

- Dean of the College of Public Health. Recognized internationally for expertise in behavioral science and translation of research findings into health policy. Research areas include chronic disease prevention and management, studies of tobacco cessation, dietary change, modification of risky drinking patterns, and increasing compliance with recommended cancer screening. Member of the Institute of Medicine.

sue-curry@uiowa.edu

(319) 384-5452

Public Health Law

Gail B. Agrawal

Dean and F. Wendell Miller Professor of Law

gail-agrawal@uiowa.edu

319-384-4658

Josephine Gittler

Wiley B. Rutledge Professor of Law

josephine-gittler@uiowa.edu

(319) 335-9046

Sheldon Kurtz

Percy Bordwell Professor

sheldon-kurtz@uiowa.edu

(319) 335-9069

Workforce

Tanya Uden Holman, M.A., Ph.D.

Clinical Associate Professor, Department of Health Management and Policy; Associate Dean of Education and Student Affairs, College of Public Health

- Dr. Uden-Holman specializes in public health workforce development through training and education; quality improvement in health care organizations and public health agencies; and patient safety.

tanya-uden-holman@uiowa.edu

(319) 384-5489

Research

Aging/Alzheimer's/Brain Syndromes/Dementia

Nancy C. Andreasen, MD, PhD

Professor and Andrew H. Woods Chair, Department of Psychiatry

- Cognitive and Behavioral Neuroscience
- Genomics
- Neuroimaging
- Neuroscience of Creativity
- Schizophrenia

nancy-andreasen@uiowa.edu

(319) 356-1553

Charles Brenner, PhD

Professor and Roy J. Carver Chair & Head of Biochemistry

- Cellular aging in model systems
- Molecular biology of calorie restriction

charles-brenner@uiowa.edu

(319) 335-7934

Ryan Carnahan, PharmD

Associate Professor, Department of Epidemiology, College of Public Health

- Dr. Carnahan is an expert in the study of the use and effects of drugs on large groups of people (pharmacoepidemiology), dementia and other cognitive impairments, clinical psychopharmacology (psychiatric medications, effects of drugs on the brain).

ryan-carnahan@uiowa.edu

(319) 384-1556

Beverly Davidson, PhD

Professor, Internal Medicine, Neurology, and Physiology & Biophysics

Roy J. Carver Biomedical Research Chair in Internal Medicine

Vice Chair for Research

- Neurodegenerative disease research
- Translational medicine development
- Gene therapy
- RNA interference as it applies to neurodevelopment and disease

beverly-davidson@uiowa.edu

(319) 353-5511

Natalie Denburg, Ph.D.

Assistant Professor, Interdisciplinary Graduate Program in Neuroscience

- Research involves the study of aging cognition. I am particularly interested in how attention and emotion impact cognitive functioning, such as memory and executive functioning, in healthy and clinical populations of older adults.

natalie-denburg@uiowa.edu

(319) 356-7619

Keela Herr, PhD, RN, FAAN, AGSF

Professor and Associate Dean for Faculty, College of Nursing

Co-Director, Iowa John A. Hartford Center for Geriatric Nursing

Excellence

- Knowledgeable of aging issues particularly pain in older adults, with emphases in assessment strategies (including pain in dementia), improving practices through translation research and end of life care.

keela-herr@uiowa.edu

(319) 335-7080

Brian Kaskie, PhD, MA

Associate Professor, Department of Health Management and Policy,

College of Public Health

- Aging population
- Geriatric care
- Medicare and Medicaid
- Successful aging
- Analysis of emergency department use among older adults
- Collaborative care model for older adults with mental illnesses

brian-kaskie@uiowa.edu

(319) 384-3820

Gloria Lee, PhD

Associate Professor, Department of Internal Medicine

- Investigates tau protein, the principle component of the neurofibrillary tangles found in Alzheimer's disease and other age-related neurodegenerative diseases. Abnormal tau causes neurons to die and the goal of the research is to identify mechanisms engaged by abnormal tau that lead to cell death.

gloria-lee@uiowa.edu / (319) 335-9223

Vince Magnotta, PhD

Associate Professor, Department of Radiology

Associate Professor, Department of Psychiatry, Biomedical Engineering

- Brain changes associated with psychiatric and neurological disorders
- Measurement of brain pH using MR imaging
- Development of MR imaging techniques for molecular imaging
- Assessment of functional brain changes using MR imaging

vincent-magnotta@uiowa.edu

(319) 356-8255

Jane Paulsen, PhD

Professor, Departments of Psychiatry, Neurology, and Psychology

Roy J. Carver Chair in Neuroscience

- Huntington disease, specifically the earliest signs of the disease and neuropsychological features.
- Neuropsychological features of Alzheimer's disease
- Neuropsychological features of schizophrenia
- Neuropsychology of dementia
- Neuropsychological features of psychosis

jane-paulsen@uiowa.edu

(319) 353-4551

Susan Schultz, MD

Professor, Department of Psychiatry

- Brain aging and how imaging tests of brain structure and metabolism change in later life
- Alzheimer's disease: New treatments in research and new ways of mapping brain and spinal fluid abnormalities in Alzheimer's disease
- Emotional, mood and behavior changes that occur with Alzheimer's disease and other dementias
- Caregiving and care needs for persons suffering memory changes
- Early memory changes ("Mild Cognitive Impairment") in older adults: Assessment and Management

susan-schultz@uiowa.edu

(319) 335-6956

Marianne Smith, PhD, RN

Assistant Professor, College of Nursing

- Knowledgeable of aging issues and research based strategies to promote best practices in mental health of the elderly

marianne-smith@uiowa.edu

(319) 335-7121

Daniel Tranel, Ph.D.

Professor, Neuroscience Ph.D. Program Director

- Specific topics include: retrieval of conceptual knowledge; emotion and decision-making; face processing; acquired disorders of social conduct; memory. Has had research pertaining to Alzheimer's and PTSD published in prominent journals.

daniel-tranel@uiowa.edu

(319) 384-6050

Animal Use in Research and Education

Kevin Kregel, PhD

Professor and Chair, Department of Health and Human Physiology

- Expert in the area of animal use in research and education especially related to regulatory and legislative issues at the federal level

kevin-kregel@uiowa.edu

(319) 335-7596

Biotechnology

Tonya L. Peeples, PhD

Professor, Chemical and Biochemical Engineering

Researcher, Center of Biocatalysis and Bioprocessing

- Biochemical engineering
- Environmentally beneficial catalysis
- Extremophile biocatalysis; bioremediation; interfacial catalysis.

tonya-peeple@uiowa.edu

(319) 335-2251

Cancer

Gail Bishop, PhD, MS

Professor, Microbiology and Department of Internal Medicine

- Pathogenesis of B lymphocyte malignancies
- Epstein Barr-virus associated cancers
- Role of altered signal transduction pathways in lymphoid cancers

gail-bishop@uiowa.edu

319-335-7945

Charles Brenner, PhD
Professor and Roy J. Carver Chair & Head of Biochemistry

- Gene function in carcinogenesis
- Epigenetic changes in cancer

charles-brenner@uiowa.edu

(319) 335-7934

Thomas L. Casavant, PhD, MS
Roy J. Carver, Jr. Chair in Bioinformatics and Computational Biology
Professor, Electrical and Computer Engineering, Biomedical
Engineering, Department of Ophthalmology and Visual Sciences
Director, Center for Bioinformatics and Computational Biology

- Bioinformatics, computational biology, genome sequence analysis, software tools for human disease mutation identification, computer architecture; parallel processing; distributed computing; software engineering.
- Co-founder of BIO::NEOS, provider of innovative software solutions for all areas of genetics and genomics research. As CBCB director, helps medical researchers study autism, hypertension, cystic fibrosis, cancer, and vision-related diseases.

tom-casavant@uiowa.edu

(319) 335-5953

Adam Dupuy, PhD
Assistant Professor, Anatomy and Cell Biology

- Cancer genetics
- Cancer biology
- T-cell leukemia
- Liver cancer
- Mouse genetics

adam-dupuy@uiowa.edu

(319) 335-8090

Mike Goodheart, MD, PhD, BS
Assistant Professor, Obstetrics and Gynecology

- Examining the role of Wnt/Beta-catenin signaling in endometrial cancer
- Determining the role of increased vascularity in the prognosis of patients with ovarian cancer
- Using transposon-based mutagenesis as a forward genetic screen in patients with ovarian and endometrial cancer

michael-goodheart@uiowa.edu

(319) 356-2015

Mike Henry, PhD

Associate Professor, Molecular Physiology and Biophysics
Associate Professor, Department of Pathology, Holden Comprehensive
Cancer Center, and UI Cardiovascular Center

- Molecular and cellular basis of prostate cancer progression and metastasis
- Cell-extracellular matrix interactions
- How physiological and environmental components interact with central genetic pathways related to disease progression

michael-henry@uiowa.edu

(319) 335-7886

Raymond Hohl, MD, PhD

Professor, Internal Medicine and Pharmacology
Associate Chair, Technology Transfer
Associate Director, Clinical and Translational Research, Holden
Comprehensive Cancer Center

- Science of Drug Development
- Biotechnology Companies and University Relationships
- Clinical Trials in Cancer
- Translational Medicine
- Clinical Pharmacology
- Understanding interactions between mevalonic acid and cholesterol biosynthesis and the proliferation of acute myeloid leukemia cells

raymond-hohl@uiowa.edu

(319) 356-8110

James Howe, MD

Professor, Department of Surgery
Medical Director, University of Iowa Tumor Registry
Director, Division of Surgical Oncology and Endocrine Surgery

- Surgical oncology
- Endocrine surgery
- Genetics of inherited cancer syndromes—Juvenile Polyposis

james-howe@uiowa.edu

(319) 356-1727

Kimberly Leslie, MD

Chair and Departmental Executive Officer
Department of Obstetrics and Gynecology

- For issues related to women's health, including high-risk pregnancy, cancer, infertility, menopause, etc.

kimberly-leslie@uiowa.edu

(319) 356-1976

David Lubaroff, PhD

Professor, Department of Urology

- Prostate cancer
- Prostate cancer vaccine, Phase II
- Cancer immunology
- Cancer immunotherapy

david-lubaroff@uiowa.edu

(319) 335-8243

Charles Lynch, MD, PhD

Associate Head for Research, Department of Epidemiology; Medical Director & Principal Investigator of the State Health Registry of Iowa; Iowa Director of the Agricultural Health Study; Leader, Cancer, Epidemiology Program of Holden Comprehensive Cancer Program
College of Public Health

- Dr. Lynch is a leading expert in cancer surveillance research, epidemiology, and control. Director of the State Health Registry of Iowa, which tracks cancer incidence, survival and mortality among Iowans.

charles-lynch@uiowa.edu

(319) 384-1558

Michael O'Donnell, MD, FACS

Professor, Department of Urology

- Development of recombinant BCG for bladder cancer immunotherapy (U.S. patents, 1997, 1999)
- Mechanism of anti-cancer action of BCG and cytokines
- Role of FAS in mediating cancer apoptosis
- Use of phage display peptides for bladder cancer targeting
- Cytotoxicity

michael-odonnell@uiowa.edu

(319) 353-8939

Sue O'Dorisio, MD, PhD, MS

University of Iowa Foundation Professor, Department of Pediatrics
Director, Hematology/Oncology Fellowship Program

- Theranostics in pediatric brain tumors
- Cancer therapy targeting G protein coupled receptors
- Clinical trials in children and young adults with nervous system tumors

sue-odorisio@uiowa.edu

(319) 356-7873

Ali Salem
Bighley Professor and Division Head
Pharmaceutics and Translational Therapeutics

- Cancer Vaccines

College of Pharmacy
aliasger-salem@uiowa.edu
(319) 335-8810

Ronald J. Weigel, MD, PhD, MBA
Chair and Departmental Executive Officer
Department of Surgery

- For issues regarding general and specialized surgery, including organ transplant and trauma surgery.

ronald-weigel@uiowa.edu
(319) 353-7474

George Weiner, MD
Professor, Department of Internal Medicine
Director, Holden Comprehensive Cancer Center
C.E. Block Chair of Cancer Research
President, Board of Directors, Iowa Consortium for Comprehensive Cancer Control

- Cancer Care
- Cancer research
- Lymphoma
- Cancer immunotherapy
- Cancer control policy

george-weiner@uiowa.edu / (319) 353-8620

Cystic Fibrosis

Richard Ahrens, MD, MS
Professor, Department of Pediatrics
Co-Director, Cystic Fibrosis Center

- Patterns of progression of early cystic fibrosis related lung disease
- Organization of conduct of clinical trials studying treatment of cystic fibrosis related lung disease
- Development of new clinical trial outcome measures for use in patients with early cystic fibrosis related lung disease

richard-ahrens@uiowa.edu
(319) 356-4050

Thomas L. Casavant, PhD, MS

Roy J. Carver, Jr. Chair in Bioinformatics and Computational Biology
Professor, Electrical and Computer Engineering, Biomedical
Engineering, and Department of Ophthalmology and Visual Sciences
Director, Center for Bioinformatics and Computational Biology (CBCB)

- Bioinformatics
- Computational biology
- Genome sequence analysis
- Software tools for human disease mutation identification
- Computer architecture
- Parallel processing
- Distributed computing
- Software engineering.
- Co-founder of BIO::NEOS, provider of innovative software solutions for all areas of genetics and genomics research. Helps medical researchers study autism, hypertension, cystic fibrosis, cancer, and vision-related diseases.

tom-casavant@uiowa.edu

(319) 335-5953

John Engelhardt, PhD

Professor and Head, Anatomy and Cell Biology
Professor, Department of Internal Medicine
Director, Center for Gene Therapy of Cystic Fibrosis and Other Genetic
Diseases

- Research focused on the molecular basis of inherited and environmentally induced diseases, and on the development of gene therapies for these disorders
- Study of lung molecular and cellular biology as it related to the pathogenesis and treatment of cystic fibrosis (CF lung disease)
- Study of diabetes associated with cystic fibrosis
- Molecular mechanism of redox-mediated signaling in the involved in ischemia/reperfusion injury, sepsis, and inflammation

john-engelhardt@uiowa.edu / (319) 335-7744

Paul McCray, MD

Professor, Departments of Pediatrics, Microbiology, and Internal
Medicine
Interim Director, Allergy, Immunology, and Pulmonology Division
Vice Chair, Pediatric Research

- Diseases of the lung in childhood
- Cystic fibrosis
- Pulmonary innate immunity
- Gene therapy

paul-mccray@uiowa.edu

(319) 335-6844

Timothy Starner, MD

Associate Professor, Pediatric Pulmonary, Department of Pediatrics

- Pathogenesis of early cystic fibrosis lung disease
- Airway-microbe interactions
- Measuring lung function in very young children (<5)
- Quality improvement using best practice for CF care

timothy-starner@uiowa.edu

(319) 356-1828

David Stoltz, MD, PhD

Assistant Professor, Department of Internal Medicine

- Airway and lung disease in cystic fibrosis
- Study of mucociliary transport
- Models of cystic fibrosis
- Airway host defense against infection

david-stoltz@uiowa.edu

(319) 356-1015

Michael Welsh, MD, PhD

Professor, Departments of Internal Medicine; Molecular Physiology and Biophysics; and Neurosurgery

Roy J. Carver Biomedical Chair in Internal Medicine

Director, Pappajohn Institute

Director, Cystic Fibrosis Research Center

- Works to understand the biology and pathogenesis of cystic fibrosis and on developing new treatments.
- Investigates the physiology and cell biology of airway epithelia, including the cilia that cover their surface
- Investigates the biology of acid sensing ion channels in the central and peripheral nervous systems with an emphasis on their role in fear and neurological diseases

michael-welsh@uiowa.edu

(319) 335-7619

Joseph Zabner, MD

Sterba Professor in Internal Medicine, Department of Internal Medicine

Director, Division of Pulmonary, Critical Care and Occupational Medicine

Vice Chair for Translational Research

- Gene transfer to human airway epithelia to develop gene therapy in cystic fibrosis
- Antibacterial innate immunity of the airway epithelia
- Investigate the development of vectors for gene therapy in cystic fibrosis
- The effect of an endogenous lactonases 'paraoxonase'

joseph-zabner@uiowa.edu

(319) 384-5401

Data

Guadalupe M Canahuate

Assistant Professor of Electrical and Computer Engineering Large-scale database systems, data analysis and exploration

- Database Management Systems; Indexing; Data mining; Scientific Databases; Software Engineering.

guadalupe-canahuate@uiowa.edu

(319) 384-0602

Joseph Cavanaugh

Professor and Interim Head, Department of Biostatistics, College of Public Health

- Expert in model selection, time series analysis, and modeling diagnostics.

joe-cavanaugh@uiowa.edu

(319) 384-1602

Christopher Coffey, PhD

Professor, Department of Biostatistics, College of Public Health

- Dr. Coffey is a Professor of Biostatistics with expertise in the methodology and coordination of large clinical trials. He is currently leading the statistics core for a landmark study of Parkinson's disease. Participates as an academic member of the Drug Information Association Adaptive Designs Working Group, and serves on a number of Data and Safety Monitoring Boards.

christopher-coffey@uiowa.edu

(319) 384-4197

Jacob Oleson, Ph.D.

Associate Professor, Director of the Center for Public Health Statistics

- Biostatistician with research interests in spatial and a patio-temporal models, infectious disease modeling, statistical methods for speech and hearing science, and disease mapping.

jacob-oleson@uiowa.edu

(319) 384-5017

Paul Romitti, M.S., PhD

Professor, Department of Epidemiology, College of Public Health

- Dr. Romitti is an expert in the surveillance of research of congenital and inherited disorders (birth defects, stillbirths, muscular dystrophy). Director of the Iowa Registry for Congenital and Inherited Disorders.

paul-romitti@uiowa.edu

(319) 384-5012

Nick Street
Professor of Management Sciences

- Data mining
- Health informatics

nick-street@uiowa.edu
(319) 335-1016

Diabetes

Christopher Adams, MD, PhD
Associate Professor, Departments of Internal Medicine and Molecular Physiology and Biophysics
Faculty Scholar, Fraternal Order of Eagles Diabetes Research Center

- Studies how diabetes and other diseases affect skeletal muscle, more specifically we study how diseases and aging change muscle gene activity to cause insulin resistance and muscle atrophy
- Searching for a medicine to prevent and reverse muscle wasting. We recently found that ursolic acid (a chemical found in apple peels) prevents muscle wasting and increases muscle mass and strength in mice. Beginning studies that will test ursolic acids in people.

christopher-adams@uiowa.edu
(319) 353-5786

Daryl Granner, MD
Professor Emeritus, Departments of Internal Medicine and Physiology
Founding Director, Fraternal Order of Eagles and Diabetes Research Center (FOEDRC)

- Pathogenesis of Type 2 diabetes
- Epidemiology of diabetes
- Hormonal regulation of gene expression
- Regulation of gene expression by insulin
- Gluconeogenesis – the production of glucose by non-carbohydrate precursors

daryl-granner@uiowa.edu
(319) 353-3050

Allyn L. Mark, MD
Professor and Roy J. Carver Chair, Department of Internal Medicine, Division of Cardiovascular Medicine

- Hypertension
- Diabetes and hypertension
- Mechanisms of obesity-induced hypertension

allyn-mark@uiowa.edu
(319) 353-5676

William Sivitz, MD

Professor, Department of Internal Medicine

- Diabetes Control and Complications
- Insulin sensitivity and insulin resistance
- Obesity and Diabetes
- Nutrient metabolism
- Cellular energy use with emphasis on mitochondrial metabolism as affected by diabetes and obesity

william-sivitz@uiowa.edu

(319) 353-7812

Eva Tsalikian, MD

Professor and Vice Chair for Clinical Affairs, Department of Pediatrics

Director, Pediatric Endocrinology and Diabetes

- Type 1 diabetes in children and adolescents, treatments and management
- Continuous glucose monitoring in type 1 diabetes in children and adolescents
- Hypoglycemia in children and adolescents with Type 1 diabetes
- Exercise and glucose control in children and adolescents with Type 1 diabetes
- Immunomodulation treatments in new onset of Type 1 diabetes
- Neurocognitive and neuroanatomic effects of type 1 diabetes in young children with type 1 diabetes

eva-tsalikian@uiowa.edu

(319) 356-1833

Mark Yorek, PhD

Professor, Department of Internal Medicine, Endocrine-Metabolism Faculty

- Obesity
- Diabetic Vascular
- Neural complications
- Peroxynitrite Decomposition Catalyst for Treatment of Diabetic Neuropathy
- Pathology of Type 2 Diabetes
- Prevention of Diabetic Neuropathy with ACE Inhibitors

mark-yorek@uiowa.edu

(319) 338-0581 ext. 7696

Nicholas Zavazava, M.D. / Ph.D.

Professor, Immunology

- Attempting to generate insulin producing cells from embryonic stem cells in order to increase the number of diabetic patients who can be treated.

nicholas-zavazava@uiowa.edu

(319) 384-6577

Electronics/Networks/Communications

David R. Andersen, PhD, MSEE

Professor, Electrical and Computer Engineering

- Electromagnetic theory; solid state physics; quantum electronics; nonlinear optics; embedded systems.

k0rx@uiowa.edu

(319) 335-2529

Mark S. Andersland, PhD, MSE

Associate Professor, Electrical and Computer Engineering

- Stochastic control
- Analog, digital and network communications
- Discrete event systems

mark-andersland@uiowa.edu

(319) 335-6167

Er Wei Bai

Professor and Departmental Executive Officer

- Identification, control, and signal processing, and their applications in engineering and life science.

er-wei-bai@uiowa.edu

(319) 335-5949

Soura Dasgupta

Professor, Electrical and Computer Engineering

Researcher, Center for Computer-Aided Design

- Control theory; signal processing, communications.

soura-dasgupta@uiowa.edu

(319) 335-5200

Haowei Hsieh, Ph.D.

Assistant Professor, Library and Information Science

- Research interests are in the areas of human-centered computing and information access. He built his own driving simulator to research how drivers interact with technology and consume digital information.

haowei-hsieh@uiowa.edu

(319) 335-5713

Jon G. Kuhl

Professor, Electrical and Computer Engineering

Professor, Public Policy Center

- Digital systems; computer architecture; parallel processing; switching theory; design and analysis of algorithms.

jon-kuhl@uiowa.edu

(319) 335-5958

Raghuraman Mudumbai

Associate Professor, Electrical and Computer Engineering

- Wireless networks; binary proximity sensors; distributed transmit beamforming.

rmudumbai@engineering.uiowa.edu

(319) 335-6333

Sudhakar M. Reddy

University of Iowa Foundation Distinguished Professor of Electrical and Computer Engineering

- VLSI circuit design and test; Coding/Theory; digital systems reliability; computer communications.

sudhakar-reddy@uiowa.edu

(319) 335-5196

Weiyu Xu

Assistant Professor, Electrical and Computer Engineering

- Optimization and algorithms: design, analysis and applications; complex network dynamics, network tomography; compressive sensing and matrix rank minimization; high-dimensional geometry, with applications in signal processing; optimal or near-optimal signal processing for MIMO wireless systems, resource allocations and wireless communications and network.

weiyu-xu@uiowa.edu

(319) 335-5955

Rita Zajacz

Assistant Professor, Department of Communication Studies

- Expert in media and infrastructure policy.

Rita-zajacz@uiowa.edu

(319) 335-2396

Financial Mathematics

Palle Jorgensen

Professor of Mathematics

- Expert in stochastic processes and their applications in finance and in industrial engineering.

palle-jorgensen@uiowa.edu

(319) 335-0782

Genetics

Terry Braun, PhD, MS

Associate Professor, Department of Ophthalmology and Visual Sciences
Associate Professor, Biomedical Engineering

Director, Coordinated Laboratory for Computational Genomics

- Genetics; bioinformatics and computational genetics; macular degeneration.

terry-braun@uiowa.edu

(319) 335-6285

Thomas L. Casavant, PhD, MS

Roy J. Carver, Jr. Chair in Bioinformatics and Computational Biology
Professor, Electrical and Computer Engineering, Biomedical

Engineering, and Department of Ophthalmology and Visual Sciences

Director, Center for Bioinformatics and Computational Biology (CBCB)

- Bioinformatics
- Computational biology
- Genome sequence analysis
- Software tools for human disease mutation identification
- Computer architecture
- Parallel processing
- Distributed computing
- Software engineering.
- Co-founder of BIO::NEOS, provider of innovative software solutions for all areas of genetics and genomics research. Helps medical researchers study autism, hypertension, cystic fibrosis, cancer, and vision-related diseases.

tom-casavant@uiowa.edu

(319) 335-5953

Sandra Daack-Hirsch, Ph.D., RN

Associate Professor, Nursing

- Research and clinical practice bridges basic genetic science with real-world application by providers, educators, and families/parents
- Public and providers' comprehension and communication of genomic information
- Genetic disorders and families

sandra-daack-hirsch@uiowa.edu / 319-335-7061

Daniel Eberl, Ph.D.

Professor, Biology

- Interested in molecular and cellular mechanisms of how organisms detect sounds, and how they use information from sounds to direct their behavior.

daniel-eberl@uiowa.edu

(319) 335-1323

John Fingert, MD, Ph.D.

Associate Professor, Ophthalmology & Visual Sciences and Anatomy and Cell Biology

- Identifies genes and investigates their role in the development of disease with the ultimate goal of preventing vision loss by improving diagnosis and treatment of glaucoma.

john-fingert@uiowa.edu

(319) 335-7508

David M. Kristensen, Assistant Professor of Biomedical Engineering
Computational biology, bioinformatics, genomics of microbial organisms and evolution of their proteins.

david-kristensen@uiowa.edu

(319) 335-5241

John Manak, MD, Ph.D.

Assistant Professor, Biology

- Uses fruit fly models to understand human disease such as epilepsy and cancer, with an emphasis on chromatin structure. Creates genomic technology development to facilitate identification of important mutations in both humans and model organisms.

john-manak@uiowa.edu

(319) 335-0180

Todd Scheetz, PhD, MS

Associate Professor, Department of Ophthalmology and Visual Sciences
Associate Professor, Biomedical Engineering

- Alternative splicing; regulation of gene expression; disease gene identification; molecular genetics of disease; computational genomics; distributed computing and parallel processing; software tools.

todd-scheetz@uiowa.edu

(319) 335-6054

Sarit Smolikove, Ph.D.

Assistant Professor, Biology

- Examines the separation of chromosomes during meiosis to understand the cause of developmental disabilities and miscarriages during pregnancy.

sarit-smolikove@uiowa.edu

(319) 335-1977

Kai Tan, PhD,
Assistant Professor, Department of Internal Medicine
Assistant Professor, Biomedical Engineering

- Understanding of gene regulatory networks and molecular pathways that give rise to stem cell phenotype and human diseases.

kai-tan@uiowa.edu
(319) 384-4676

Janet Williams, PhD, RN, FAAN
Professor, College of Nursing

- Knowledge of genetics and Huntington's chorea disease
- Ethical issues in disclosure of secondary findings from genomic analysis in clinical and research settings.

janet-williams@uiowa.edu
(319) 335-7046

Heart Disease

Frank Abboud, MD
Edith King Pearson Chair in Cardiovascular Research
Professor of Medicine and Molecular Physiology and Biophysics
Director Emeritus, UI Cardiovascular Research Center, Carver College of Medicine
Associate Vice President for Research

- Autonomic regulation of the immune system in pathophysiologic states such as hypertension
- Baro- and chemosensory signaling in heart failure and hypertension
- Molecular mechanisms of sensory transduction in health and disease
- Neurocardiovascular dysregulation in syncope and heart failure
- Reciprocal dysautonomia in hypertension

francois-abboud@uiowa.edu
(319) 353-3057

Mark E. Anderson, MD, PhD
Chair and Departmental Executive Officer
Department of Internal Medicine

- For issues regarding general health, and also many specialty areas, such as heart disease, digestive disorders, allergy, infectious diseases, rheumatology, kidney diseases, etc.

mark-e-anderson@uiowa.edu
(319) 356-2745

Theresa Brennan, MD
Chief Medical Officer, UI Health Care
John W. Colloton Associate Professor in Clinical Cardiology
Clinical Director, Cardiovascular Medicine
Associate Professor, Department of Internal Medicine

- Coronary artery Disease Prevention and Medical Treatment
- Coronary Artery Intervention
- Critical Care Cardiovascular Medicine
- Heart Disease in Women

theresa-brennan@uiowa.edu
(319) 356-1607

Trudy Burns, PhD, FAHA
Professor, Department of Epidemiology, College of Public Health

- Areas of expertise include cardiovascular risk factors (CRFs), including obesity and the metabolic syndrome in children and adults; measures of subclinical cardiovascular disease (CVD); longitudinal associations between genetic factors, CRFs and CVD.

trudy-burns@uiowa.edu
(319) 384-1550 and (319) 335-9620

Frank Faraci, PhD
Professor, Department of Internal Medicine and Pharmacology

- Vascular biology with an emphasis on studies of the carotid artery and cerebral circulation
- Atherosclerosis
- Pharmacology

frank-faraci@uiowa.edu
(319) 335-7640

Isabella Grumbach, MD, PhD
Assistant Professor, Department of Internal Medicine

- Calcium-/calmodulin dependent kinase II (CaMKII) signaling in vascular smooth muscle cells
- Regulation of blood pressure and smooth muscle tone by CaMKII
- Calcium- and ROS- dependent signaling in vascular injury
- CaMKII signaling in asthma

isabella-grumbach@uiowa.edu
(319) 384-4610

William G. Haynes, MBChB, MRCP, MD
Professor, Department of Internal Medicine
Director, General Clinical Research Center

- Prediction of future heart disease and death using tests of blood vessel function
- Impact of smoking, obesity, diabetes and kidney disease on blood vessels
- Reversal of blood vessel damage using novel treatments targeting oxidant stress
- Vascular medicine, focusing on prevention and regression of atherosclerosis through management of cardiovascular risk factors including hyperlipidemia, hypertension, and high homocysteine

william-g-haynes@uiowa.edu

(319) 384-3203

Donald D. Heistad, MD
R.T. Zahn Professor of Cardiology
Professor, Department of Internal Medicine and Pharmacology

- Pathophysiology of aortic valve stenosis
- Cerebrovascular circulation
- Atherosclerosis and aging
- Cardiovascular pharmacology
- Hypertension

donald-heistad@uiowa.edu

(319) 356-2706

Denise Hodgson-Zingman, MD
Assistant Professor, Department of Internal Medicine and Biomedical Engineering

- Molecular mechanisms of cardiac energy use, cardiac rhythm and cardiac mechanical function
- Focus on the ATP-sensitive potassium channel and its role in protection of the heart from electrical and mechanical dysfunction
- Study many other mechanisms of myocardial dysfunction

denice-zingman@uiowa.edu

(319) 384-2915

Madhavan L. Raghavan, PhD
Professor, Biomedical Engineering

- Biomechanics of aneurysms and endovascular grafts; mechanics of biological and engineered soft tissues; heart valve mechanics; biomechanics of swallowing.

ml-raghavan@uiowa.edu

(319) 335-5704

Jennifer Robinson, MD, MPH

Professor, Department of Epidemiology, College of Public Health;
Department of Internal Medicine

- Clinical lipidology and preventive cardiology with an emphasis on treatment of cholesterol
- Cardiovascular epidemiology with a focus on risk prediction
- Women, the elderly, and cardiovascular disease prevention

jennifer-g-robinson@uiowa.edu

(319) 384-1563

Curt Sigmund, PhD

Roy J. Carver Chair in Hypertension Research

Professor and Head, Pharmacology

- Hypertension
- Mechanisms of blood pressure regulation by the renin-angiotensin system and the transcription factor PPAR-gamma.

curt-sigmund@uiowa.edu

(319) 335-7946

Peter Snyder, MD

Professor, Department of Internal Medicine and Molecular Physiology and Biophysics

Director, Cardiovascular Research Programs

- Interest in understanding function and regulation of the DEG/ENaC family of ion channels. Defects in those channels cause hypertension and contribute to the pathogenesis of cystic fibrosis

peter-snyder@uiowa.edu

(319) 356-4991

H.S. Udaykumar, PhD, MS

Professor, Mechanical and Industrial Engineering

Faculty Research Engineer, IIHR -- Hydroscience & Engineering

- Development of accurate and flexible numerical methods for the simulation of three-dimensional flows in the presence of moving boundaries
- Broad areas of interest are phase change, multiphase/multimaterial flows and fluid-structure interactions. Applications include: 1. Biomedical flows: white blood cell mechanics, cardiovascular fluid mechanics (plaque growth in arteries, flow in arterial systems, mechanics of heart valves), the mechanics of stomach and intestine. 2. Materials processing: dendritic solidification of materials, interactions of solidification fronts with particles with application to metal-matrix composites and biological material cryopreservation. 3. High-speed flows: projectile impact on materials at high speeds with application to penetration and damage, collapse of voids in energetic materials leading to detonation.

hs-kumar@uiowa.edu

(319) 384-0832

Sarah C. Vigmostad, PhD, MS

Associate Professor, Biomedical Engineering

- Coronary blood flow dynamics; heart valve mechanics; cardiovascular implant design and analysis; RBC dynamics for analysis of blood damage; vocal cord dynamics

sarah-vigmostad@uiowa.edu

(319) 384-2008

Leonid Zingman, MD

Assistant Professor, Department of Internal Medicine

- Prevention and treatment of overweight and obesity
- Cardiac stress resistance and heart failure prevention
- Regulation of the cardiac energy efficiency
- Molecular mechanism of arrhythmias and cardiac repolarization
- Cardioprotection

leonid-zingman@uiowa.edu

(319) 384-2917

Imaging

Reinhard R. Beichel, PhD, MS

Associate Professor, Electrical and Computer Engineering and
Department of Internal Medicine, Department of Internal Medicine

- Researcher at the Iowa Institute for Biomedical Imaging.
- Medical computer vision and graphics
- Lung image analysis
- Robust model-based segmentation methods
- Efficient interactive segmentation methods
- PET image analysis

reinhard-beichel@uiowa.edu

(319) 335-4597

Gary E. Christensen, DSc, MS

Professor, Electrical and Computer Engineering

Professor, Radiation Oncology

Computational Imaging Group Leader, Iowa Institute for Biomedical
Imaging

- Image & Signal Processing
- Medical Imaging
- Probability
- Stochastic Processes
- Parallel Programming.

gary-christensen@uiowa.edu

(319) 335-6055

Edwin L. Dove, PhD, MS

Associate Professor, Biomedical Engineering

Research at the Iowa Institute for Biomedical Imaging

- Medical image processing
- Mathematical modeling of physiological processes
- Biomedical engineering
- Electrical engineering
- Physiological systems

edwin-dove@uiowa.edu

(319) 335-5635

Mona K. Garvin, PhD, MS

Associate Professor, Electrical and Computer Engineering

Research at the Iowa Institute for Biomedical Imaging

- Medical image analysis
- Ophthalmic imaging
- Graph-theoretic approaches for three dimensional images segmentation

mona-garvin@uiowa.edu

(319) 335-5950

Nicole M. Grosland, PhD

Professor, Biomedical Engineering and Department of Orthopedics and Rehabilitation

Researcher at the Center for Computer-Aided Design and Researcher at the Iowa Institute for Biomedical Imaging

- Spinal biomechanics
- Total joint arthroplasty
- Patient/subject-specific model development
- Finite element meshing techniques.
- Directs MIMX, section of the Center for Computer-Aided Design

nicole-grosland@uiowa.edu

(319) 335-6425

Mathews Jacob, PhD, MS

Associate Professor, Electrical and Computer Engineering

Researcher at the Center for Computer-Aided Design

- Imaging processing and inverse problems
- MR spectroscopic imaging
- Cardiac MRI
- Novel image reconstruction algorithms
- Development of novel MIR pulse sequences
- Computer aided therapy planning

mathews-jacob@uiowa.edu

(319) 335-6420

Michael Mackey, PhD

Associate Professor, Biomedical Engineering

Associate Professor, Pathology

Associate Professor, Mathematical and Computational Sciences

Cellular and molecular imaging group leader, Iowa Institute for Biomedical Imaging

- Live cell imaging
- Nonequilibrium thermodynamics of living systems
- Reaction-diffusion models of biochemical reaction pathways
- Radiation biology
- Cell cycle regulation

michael-mackey@uiowa.edu

(319) 335-6058

Punam Saha, PhD, ME

Professor, Electrical and Computer Engineering

Professor, Department of Radiology

- Tensor scale-based image analysis
- Digital topology and geometry
- Fuzzy distance transform, virtual bone biopsy
- Fuzzy connectedness-based object segmentation
- Object class uncertainty theory in images segmentation and classification
- Active index model and differential shape model

punam-saha@uiowa.edu / (319) 335-5959

Milan Sonka, PhD, MS

Professor, Electrical and Computer Engineering

Professor, Department of Radiation Oncology and Department of Ophthalmology and Visual Sciences

Director, Iowa Institute for Biomedical Imaging (IIBI)

Associate Dean for Graduate Programs and Research

Lowell C. Battershell Chair in Biomedical Engineering

- Medical image analysis. As director of IIBI, he oversees knowledge-based analysis of biomedical images from a variety of imaging modalities (e.g., CT, MR, and ultrasound). Current focus areas include development of computer-aided and automated techniques for quantitative analysis of human, animal, and cellular image data.

milan-sonka@uiowa.edu

(319) 335-6052

Xiaodong Wu, PhD, MS

Robert and Virginia Wheeler Faculty Fellow of Engineering

Associate Professor, Electrical and Computer Engineering

Associate Professor, Department of Radiation Oncology

- Algorithm Design, Analysis, and Implementation
- Geometric Optimization
- Computer-aided Medical Surgery and Diagnosis
- Biomedical Image Analysis
- Data Mining; and Bioinformatics.

xiaodong-wu@uiowa.edu

(319) 335-6490

Injury

Corinne Peek Asa, Ph.D., M.P.H.

Professor, Department of Occupational and Environmental Health,

Associate Dean for Research, College of Public Health

- Dr. Peek-Asa is an authority on injury prevention, including injuries in disasters, workplace violence, family violence, injuries to the elderly, and injuries to children. Director of the UI Injury Prevention Research Center and CPH Associate Dean for Research.

corinne-peek-asa@uiowa.edu

(319) 335-4895

Marizen Ramirez, B.A., M.P.H., Ph.D.

Associate Professor, Department of Occupational and Environmental

Health, College of Public Health

- Dr. Ramirez is expert in pediatric injuries particularly from school settings in both rural and urban communities. Her previous research includes youth violence, posttraumatic stress, school-based injuries, sports injuries, injuries to children with special health care needs, and emergency preparedness.

marizen-ramirez@uiowa.edu

(319) 335-4425

Insecticides

David W. Murhammer

Professor, Chemical and Biochemical Engineering

Researcher, Center for Biocatalysis and Bioprocessing

- Biochemical engineering; insect cell culture; oxidative stress in cell culture; application of sensors to bioreactor monitoring and control.

david-murhammer@uiowa.edu

(319) 335-1228

Lung Disease

Kevin Legge, Ph.D.

Associate Professor, Pathology

- Researches the balance of immune function in the lungs, which play a key role in the body's immune system.

kevin-legge@uiowa.edu

(319) 335-6744

Ching-Long Lin, PhD, MSc

Professor and Departmental Executive Officer Faculty Research

Engineer, IIHR - Hydroscience & Engineering

Investigator, Environmental Health Sciences Research Center

- Multi-scale simulation of gas flow and particle transport in the human lungs
- Turbulent flow in complex geometry
- Fluid-structure interaction
- Parallel computing

ching-long-lin@uiowa.edu

(319) 335-5673

Joseph M. Reinhardt, PhD, MS

Professor and Department Executive Officer, Biomedical Engineering

Image Analysis Group Leader, Iowa Institute for Biomedical Imaging

- Pulmonary image analysis
- Cardiovascular imaging
- 3-D medical imaging
- Co-founder of VIDA Diagnostics, Inc., start-up company from UI research.

joe-reinhardt@uiowa.edu

(319) 335-5634

Macular Degeneration

Thomas L. Casavant, PhD, MS

Roy J. Carver, Jr. Chair in Bioinformatics and Computational Biology

Professor, Electrical and Computer Engineering and Biomedical Engineering

Professor, Department of Ophthalmology and Visual Sciences

Director, Center for Bioinformatics and Computational Biology (CBCB)

- Bioinformatics, computational biology, genome sequence analysis, software tools for human disease mutation identification, computer architecture; parallel processing; distributed computing; software engineering.
- Co-founder of BIO::NEOS, provider of innovative software solutions for all areas of genetics and genomics research. As CBCB director, helps medical researchers study autism, hypertension, cystic fibrosis, cancer, and vision-related diseases.

tom-casavant@uiowa.edu

(319) 335-5953

Val Sheffield, MD, PhD, MS

Professor, Department of Pediatrics

Investigator, Howard Hughes Medical Institute

Director, Division of Medical Genetics

- Molecular genetics of human genetics diseases as well as clinical genetics
- The laboratory trains physician scientists, students and post-docs in genetic methods, the use of animal models, and the relationship between genetic variation and clinical phenotypes

val-sheffield@uiowa.edu

(319) 335-6898

Edwin Stone, MD, PhD

Professor, Department of Ophthalmology and Visual Sciences

Seamans-Hauser Chair in Molecular Ophthalmology

- Molecular genetics of inherited eye diseases
- Research laboratory seeks to identify genes that cause blinding eye disease, investigate the mechanisms of disease by studying in vitro and animal models, and develop effective treatments for these diseases
- Focus on developing strategies for delivering inexpensive genetic tests for rare inherited eye diseases on an international scale

edwin-stone@uiowa.edu

(319) 335-8270

Budd Tucker, PhD

Assistant Professor, Department of Ophthalmology and Visual Sciences

- Stem cell biology: Stem cell production of retinal neurons
- Retinal stem cell transplantation: Transplantation of stem cell derived retinal neurons into retinal degenerative hosts as a means of inducing retinal regeneration
- Tissue engineering: Production of biodegradable polymer based technologies for the development of outer retinal equivalents de novo
- Disease modeling: using patient specific stem cells to recapitulate disease in a dish

budd-tucker@uiowa.edu

(319) 335-7242

Muscular Dystrophy

Kevin Campbell, PhD

Professor, Departments of Neurology and Internal Medicine

Professor and Chair, Molecular Physiology & Biophysics

Investigator, Howard Hughes Medical Institute

- Focus on elucidating the molecular basis of muscular dystrophy and developing therapeutic strategies to treat muscular dystrophy. The laboratory's research on the function of dystrophin lead to the discovery of the skeletal muscle dystrophin-glycoprotein complex, which spans the muscle cell membrane and links the subsarcolemma actin cytoskeleton to the surrounding basement membrane.
- Focus on four related areas:
 - Molecular pathogenesis of dystrophin-glycoprotein complex disorders
 - Mechanistic basis of maintaining muscle membrane integrity
 - Molecular pathogenesis of disorders arising from defects in dystroglycan glycosylation
 - Structural basis of dystroglycan function as a basement membrane receptor

kevin-campbell@uiowa.edu

(319) 335-7867

Katherine Mathews, MD

Professor, Departments of Pediatrics and Neurology

- Diagnosis of muscular dystrophies affected children and adults
- Clinical management of muscular dystrophies affected children and adults
- Genetics of neuromuscular diseases

katherine-mathews@uiowa.edu

(319) 356-1851

Lori Wallrath, Ph.D.

Professor, Biochemistry

- Created a fruit fly model of emery-Dreifuss muscular dystrophy. This model allows for genetic studies and drug screens to identify potential therapies.

lori-wallrath@uiowa.edu

(319) 335-7920

Neurological Disorders

Melissa C. Duff, PhD, MS

Assistant Professor, Departments of Communication Sciences and Disorders, Neurology, and Neuroscience

- Investigates the relationship between memory and language and the contribution of declarative memory to social functioning. Created the Iowa Traumatic Brain Injury Registry at UIHC.

melissa-duff@uiowa.edu

(319) 384-4702

Matthew Howard, MD

Chair and Departmental Executive Officer

Department of Neurosurgery

- For information regarding surgery of the brain and spine and the diseases and physiology of the nervous system, including head and spine trauma, brain tumors and brain aneurysm

matthew-howard@uiowa.edu

(319) 356-8468

George B. Richerson, MD, PhD

Chair and Departmental Executive Officer

Department of Neurology

- For issues and disorders of the brain, including stroke, Alzheimer's, movement disorders, epilepsy, sleep disorders, headache, etc.

george-richerson@uiowa.edu

(319) 356-4296

James Torner, PhD, MS

Professor and Head, Department of Epidemiology, College of Public Health

Professor, Departments of Surgery and Neurosurgery

- Expert in neurological disorders (including stroke, brain injury), musculoskeletal disorders (knee osteoarthritis and osteoporosis), injury and trauma systems

james-torner@uiowa.edu

(319) 384-1542

Daniel Tranel, Ph.D.

Professor, Neuroscience Ph.D. Program Director

- Specific topics include: retrieval of conceptual knowledge; emotion and decision-making; face processing; acquired disorders of social conduct; memory. Has had research pertaining to Alzheimer's and PTSD published in prominent journals.

daniel-tranel@uiowa.edu

(319) 384-6050

Pharmaceutics / Pharmaceutics Technology

Maureen Donovan

Associate Dean, College of Pharmacy

Pharmaceutical Industry: Pharmaceutics and Translational Therapeutics

maureen-donovan@uiowa.edu

(319) 335-9697

Robert Kerns, PhD

Associate Professor & Head, Department of Pharmaceutical Sciences
and Experimental Therapeutics

College of Pharmacy

robert-kerns@uiowa.edu

(319) 335-8800

Ali Salem

Bighley Professor and Division Head

Pharmaceutics and Translational Therapeutics

- Cancer Vaccines

College of Pharmacy

aliasger-salem@uiowa.edu

(319) 335-8810

Polymers

C. Allan Guymon, PhD, MS

Donald E. Bently Faculty Fellow of Engineering

Professor and Departmental Executive Officer, Chemical and
Biochemical Engineering

Researcher, Photopolymerization Center

- Polymer Reaction Engineering; UV Curable Coatings;
Polymer/Liquid Crystal Composites; Controlled Release;
Templated and Ordered Polymerizations.

allan-guymon@uiowa.edu

(319) 335-5015

Julie L. P. Jessop, PhD
Associate Professor, Chemical and Biochemical Engineering
Researcher, Photopolymerization Center

- Spectroscopic characterization of polymer reactions
- Dental composites
- Hybrid photopolymer resins
- Cationic ring-opening photopolymerizations
- Polymers from renewable resources
- Chemically amplified photoresists

julie-jessop@uiowa.edu

(319) 335-0681

David G. Rethwisch, PhD
Professor, Chemical and Biochemical Engineering
Researcher, Center for Biocatalysis and Bioprocessing

- Membrane separations
- Polymer science
- Catalysis

david-rethwisch@uiowa.edu

(319) 335-1413

Alec B. Scranton, PhD
University of Iowa Foundation Distinguished Professor of
Chemical and Biochemical Engineering
Dean, College of Engineering

- Polymerization kinetics and reaction engineering; spectroscopic methods for characterization of polymers; photopolymerization. As director of the Photopolymerization Center, oversees studies of kinetics and mechanisms of photopolymerizations and their impact on the structure and properties of photopolymerized materials.

alec-scranton@uiowa.edu

(319) 335-1414

Post-Traumatic Stress Disorder

Melissa C. Duff, PhD, MS
Assistant Professor, Departments of Communication Sciences and Disorders, Neurology, and Neuroscience

- Investigates the relationship between memory and language and the contribution of declarative memory to social functioning. Created the Iowa Traumatic Brain Injury Registry at UIHC.

melissa-duff@uiowa.edu

(319) 384-4702

Ricardo Jorge, MD

Associate Professor, Department of Psychiatry

- Specifically works in the association of combat PTSD with traumatic brain injury (TBI) and how the antecedent of TBI influences the biology, clinical presentation and course of PTSD

ricardo-jorge@uiowa.edu

(319) 384-9254

Robert G. Robinson, MD

Professor, Department of Psychiatry

- Post-stroke depression and other mental disorders like anxiety disorder, apathy, mania, pathological crying
- Effect of post-stroke depression on physical and cognitive recovery and mortality
- Treatment of these disorders
- Depression and other mental disorders following traumatic brain injury
- Prevention of depression and apathy among patients who have had a stroke

robert-robinson@uiowa.edu

(319) 384-4093

Daniel Tranel, Ph.D.

Professor, Neuroscience Ph.D. Program Director

- Specific topics include: retrieval of conceptual knowledge; emotion and decision-making; face processing; acquired disorders of social conduct; memory. Has had research pertaining to Alzheimer's and PTSD published in prominent journals.

daniel-tranel@uiowa.edu

(319) 384-6050

John Wemmie, MD, PhD

Associate Professor, Departments of Psychiatry and Neurosurgery

- Research focuses on fear-related learning and memory in mice as a model for how the traumatic memories in PTSD get formed and become problematic. Dr. Wemmie and colleagues have found that brain pH and acid-sensing ion channels play key roles in the formation of traumatic memories. Furthermore, they have found that manipulating pH at key times in the memory formation process can increase or reduce these problematic memories. His group is working to determine whether similar processes play roles in the human brain and in human psychiatric disease.

john-wemmie@uiowa.edu

(319) 384-3173

Spine/Lower Back Pain

Tae-Hong Lim, PhD, MS

Professor, Biomedical Engineering

- Spine biomechanics
- Effect of mechanical loads on the cellular activities in the intervertebral discs
- Discogenic low back pain
- Mathematical modeling of spinal muscles

tae-hong-lim@uiowa.edu

(319) 335-5810

Salam Rahmatalla, PhD, MS

Associate Professor, Civil and Environmental Engineering

Associate Professor, Biomedical Engineering

Researcher, Center for Computer-Aided Design

- Multi-body dynamics
- Whole body vibration
- Structural health monitoring
- Damage detection
- Human movement

salam-rahmatalla@uiowa.edu

(319) 335-5657

David G. Wilder, PhD, MS

Associate Professor, Biomedical Engineering and Occupational and Environmental Health

Senior Research Scientist, Jolt/Vibration/Seating Laboratory

- Whole body vibration
- Spinal biomechanics
- Injury prevention

david-wilder@uiowa.edu

(319) 384-0513

Substance Abuse

Anne Helene Skinstad, Ph.D., Psy.D.
Clinical Associate Professor, Department of Community and Behavioral Health, Director, Director of National American Indian and Alaska Native Addiction Technology Transfer Center, College of Public Health

- Dr. Skinstad is an expert in treatment and prevention of substance use disorders; co-occurring mental health disorders, especially post-traumatic stress disorder and problem gambling; and assisting treatment and prevention agencies to implement evidence based practices with substance use and mental health disorders. She has also developed many educational programs for substance abuse education, and studying problem gambling and co-occurring substance use among students at the University of Iowa.

anne-skinstad@uiowa.edu / (319) 384-5394

Transportation

Construction Techniques

M. Asghar Bhatti

Professor, Civil and Environmental Engineering

- Performance-based optimum design of semi-rigid frames; Simulation of wind loading of highway signs; Modeling forces in human muscles including fatigue; Productivity loss in civil construction projects.

mabhatti@uiowa.edu

(319) 335-5656

Ann Campbell

Professor, Management Sciences

- An expert of inventory routing problems, logistics for disaster relief & preparedness

ann-campbell@uiowa.edu

(319) 335-0918

Hosin (David) Lee

Professor, Civil and Environmental Engineering

- Development of innovative low-carbon innovative construction materials; Warm mix asphalt, Asphalt pavement recycling technologies; Development of an automated pavement crack image analysis system; Polymers in concrete; Utilization of recycled materials in transportation infrastructure.

hlee@engineering.uiowa.edu

(319) 384-0831

Jeffrey Ohlmann

Associate Professor, Management Sciences

- Heuristic search, logistics and fleet management, operations research in agriculture, sports analytics

jeffrey-ohlmann@uiowa.edu

(319) 335-0837

Hiroyuki Sugiyama

Associate Professor of Mechanical and Industrial Engineering

hiroyuki-sugiyama@uiowa.edu

(319) 335-5682

Barrett Thomas

Associate Professor, Management Sciences

- Logistics and vehicle routing

barrett-thomas@uiowa.edu

(319) 335-0938

Drivers Safety

Omar Ahmad

Assistant Director, National Advanced Driving Simulator

- Behavior modeling and scenario control in real-time virtual environments. omar-ahmad@uiowa.edu

(319) 335-4788

Haowei Hsieh, Ph.D.

Assistant Professor, Library and Information Science

- Research interests are in the areas of human-centered computing and information access. He built his own driving simulator to research how drivers interact with technology and consume digital information.

haowei-hsieh@uiowa.edu

(319) 335-5713

Daniel McGehee

Research Scientist and Director, Human Factors and Vehicle Safety Research Program

UI Public Policy Center

- Driver behavior and performance, Distracted Driving, Teen driving, Transportation safety policy, Transportation technology assessment.

daniel-mcgehee@uiowa.edu

(319) 335-6819

Jodie Plumert, Ph.D.

Professor, Psychology

- Conducts bicycle simulator research that examines the factors that put children at risk for bicycle-motor vehicle collisions when crossing traffic-filled intersections.

jodie-plumert@uiowa.edu

(319) 335-2477

Emergency Management

Ann Campbell

Professor of management and organizations

- Specializes in disaster logistics and how communities can build supply chains overnight

ann-campbell@uiowa.edu

(319) 335-0918

Index

A	
Administrative Law and Procedure and Administrative Regulation	102
Advanced Registered Nurse Practitioners	76
Aging	121-122
Aging/Alzheimer's/Brain Syndromes/Dementia	134-137
Agricultural Law	102
Air Quality	66,120-121
Anesthesia	76
Animal Use in Research and Education	91
Anthropology	5
Arbitration	101
Art Education	28
Art History	5
Art Law and Ethics	
Art Museums and Cultural Institutions	5
Audiology	75-76
Autism	29
B	
Bankruptcy and Debt	8
Biotechnology	136
Bio Terrorism/Chemical Threat Preparedness	122
Bio ventures	8-9
Book Arts	5
Business Development	9-10
Business Law	10-11
C	
Cancer	136-140
Cardiothoracic Surgery	76
Career Counseling/Development	29-30
Career Development	11-12
Chemistry	30
Children's Literature	31
Civil Procedure	101-102
College Readiness	31-32
Communication Law	
Comparative Law	102
Competition Law	12
Computer Science	12-14
Constitutional Law	102-103
Construction Techniques	166
Contract Law	14
Core Curriculum / Common Core Standards	32
Corporate Finance	13
Corporate Law	14

Cost Accounting	1-2
Couple and Family Therapy	33
Criminal Law and Procedure	103
Cystic Fibrosis	140-142

D

Data	143-144
Dental	122
Dental Access	77
Dental Treatment	77
Dermatology	78
Diabetes	144-145
Disability Law	97
Diversity	112-113
Domestic Violence	97
Drivers Safety	167

E

E-Health and Innovation	78
Early Childhood Education	36
Education Administration / Leadership	36-38
Education Law	
Education Reform	38
Elder Care Law	98
Electronic Health Information	78-79
Electronics/Networks/Communications	146-147
Emergency Management	167
Emergency Medicine	79
Employment Discrimination Law	14
Employment Law	15
Energy Development	66-67
English as a Second Language / Bilingual Education	40-41
English Education	39-40
Entrepreneurs	41
Environmental Health	123-124
Ergonomics	124
Ethics	42
Evidence	104

F

Family Law	98
Family Medicine	79
Farm Safety	125
Federal Courts	104
Federal Requirements (NCLB)	42
Film	6
Finance	16
Finance and Higher Education	42

Financial Mathematics	147
Floods/Water Management/River/Hydraulics	67-69
Foodborne Outbreaks	125
Foreign Languages	43
G	
General Access	79-80
Genetics	148-150
Geology	69
Gifted and Talented Programs	45-46
Government Contracts	2
H	
Health Care Law	80
Health Care Workers	81
Health Management	125-126
Health Promotion	126-128
Heart Disease	46-47
Higher Education	36-37
Hospital Dentistry	82
Housing and Home Foreclosures	16-17
I	
Imaging	154-157
Immigrant Literacy	47
Immigration Law	104
Indian Law	104
Infectious Diseases	128
Injury	157
Insecticides	157
Insurance	82-83
Insurance Market	17
Intellectual Property	104-105
Internal Medicine	83
International Environmental Law	69
International Human Rights	48
Investment	18
J	
K	
L	
Landlord-Tenant Law	105
Lead Testing	129
Lean Management	3
Learning Disabilities	50
Local Government	18
Lung Disease	157-158

M

Macular Degeneration	158-159
Management	18-19
Manufacturing	20-23
Market Prediction	23
Marketing	22-23
Mathematics Education	51
Media and Young Children	52
Medications and Medication Therapy Access (pharmaceutical care)	83
Multiple Sclerosis	83
Muscular Dystrophy	159-160

N

Neurological Disorders	160-161
Neurology	84
Newborn and Maternal Screening	85
Non-Profits	3-4
Nuclear	70

O

Obesity	130
Obstetrics and Gynecology	85
Occupational Health	99
Open Public Records and Open Meetings Law	105
Ophthalmology	85
Orthopaedics	85
Orthopaedics and Rehabilitation	86
Otolaryngology	86

P

Pathology	86
Pediatrics	86
Pharmaceuticals	24
Pharmaceutics / Pharmaceutics Technology	161
Physics	52
Policy	53
Polymers	162-163
Post-Traumatic Stress Disorder	163-164
Preparedness	131
Prescription Drugs	86-88
Prevention	132
Property Law	106
Psychiatry	88
Public Administration	4
Public Health Law	132

Q

Quality of Life	24
-----------------	----

R

Radiation Oncology	88
Radiology	88
Rehabilitation	106-107
Renewable Energy	24-25
Rural Access	90-91

S

Scope of Practice	91-93
Second Language Acquisition	6
Severe Weather Phobia	100
Speech Pathology	93-94
Special Education	55-57
Spine / Lower Back Pain	164-165
Startups	26
Statistics	57
STEM	57-60
Student Life	60, 117
Substance Abuse	165
Suicide Prevention	100
Surgery	94

T

Taxes	4
Teacher Education / Preparation	61
Testing	62-63
Theater	6
Trusts and Estates	107

U

Urban Planning / Smart Growth	27
Urology	95

V

Vision Screening	95
Visual Art	7
Visual Sciences	95

W

Water Quality	70-74
Workforce	132
Workforce Development	27

X - Z