

Chair Academy Participants

Fall 2016



Douglas Andres: Dept. of Molecular and Cellular Biology

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Bio / Education:

Postdoc: UT-Southwestern Med. Ctr. Dallas 1993 with Drs. Michael Brown and Joseph Goldstein

Ph.D. Biochemistry, Purdue University, 1990 with Dr. Jack E. Dixon

B.S., Chemistry, University of Wisconsin, Madison, 1985

Research Description:

Cells are highly responsive to signals from their environment. These signals include growth factors, hormones, or even neuronal firing. The sensing and processing of these signals are carried out by molecular circuits within the cell which detect, amplify and integrate these environmental cues into a specific response. Ras-related GTP-binding proteins function as GTP/GDP- regulated “switches” and are widely utilized in cellular response pathways. Ras G- proteins respond to extracellular stimuli by exchanging GTP for bound GDP, thereby triggering intracellular signaling cascades through their GTP-dependent interaction with a variety of target molecule(s) to produce a characteristic cellular effect. My laboratory is interested in deciphering the role of Ras GTPases in various cellular paradigms, as Ras family G-proteins play key roles in the ontogeny of cancer, diabetes, and heart disease as well as the processes of neuronal survival and axonal growth. Because we have studied the function of several GTPases in some detail, I will review some of our findings in this area and briefly outline our current research interests.



Karen Bottge: School of Music

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Fall 2016 Associate Dean, Associate Professor, Director of Music Theory...
Music Theory



Lisa Cliggett: Anthropology

Lisa.cliggett@uky.edu

Chair and Professor, Anthropology , Past Editor (2011-2015), Economic Anthropology
(Wiley Blackwell Journal)
Political Ecology, Sustainability and Environmental Change, Household Political
Economy, Kinship-Family and Social Organization, Sub-Saharan Africa, Zambia,
Gwembe Tonga Research Project, Qualitative Methods, Digital Data Management,
gender, aging and life course, livelihoods, Migration and New Land Settlement, Political
Economy



Alyssa Eckman: Dept. of Integrated Strategic Communication

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Dr. Eckman teaches courses in writing for integrated strategic communication, design of strategic communication, direct response communication, ISC history and media planning. She is the sequence coordinator for the Integrated Strategic Communication undergraduate program.

Eckman holds degrees in Journalism (B.A.), American Studies (M.A.), Public Relations (M.S.) and Communications (Ph.D.). Her dissertation focused on advertorials and special sections in newspapers. Eckman has served as graphic designer for a number of publications at UK and in the Lexington community. She has been writer, editor and designer for numerous newspaper special sections, including many sections developed as part of the Newspapers in Education project. She is leading a project to introduce special sections on health topics in Zambia for use in secondary schools throughout the nation. In addition to her academic career, Eckman has worked for the Lexington Herald-Leader daily newspaper, The Lane Report monthly magazine and several smaller newspapers.

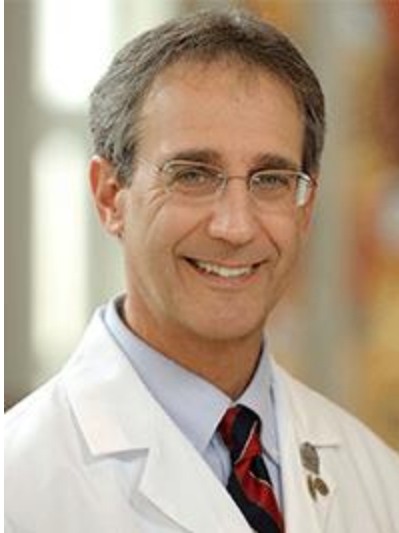
In her spare time, she collects fossils and rocks from sites around the world and nurtures animals with emotional issues.



Janet Ford: Social Work

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Assoc. Dean of Academic & Student Affairs
Director of Graduate Studies



**Larry Goldstein: Chair, Department of Neurology
Co-Director, Kentucky Neuroscience Institute**

Larry.goldstein@uky.edu

Dr. Larry B. Goldstein is the Ruth L. Works Professor, the Chairman of the Department of Neurology and Co-Director of the Kentucky Neuroscience Institute. He received his medical degree from Mount Sinai School of Medicine. He completed his neurology residency at Mount Sinai Medical Center and a research fellowship in cerebrovascular disease at Duke University. An internationally known expert, Goldstein focuses on stroke-related clinical care, research and education. He has received numerous teaching and other professional awards and served in leadership positions in regional and national organizations focused on neurology, stroke and related disorders.



Greg Graf: Pharmaceutical Sciences

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Dr. Graf's laboratory's research focus is on the relationships between obesity and changes in lipid and lipoprotein metabolism that link obesity to cardiovascular diseases and diabetes.

Our work largely centers on pathways that promote the active elimination of cholesterol from the body in a process termed "Reverse Cholesterol Transport". Currently available therapies target cholesterol synthesis and absorption to reduce plasma cholesterol and lower the risk cardiovascular disease. However, an emerging body of work suggests that the flux of cholesterol through lipoproteins (LDL and HDL) is more relevant to cardiovascular disease than their absolute levels in plasma. In addition, research from our lab and others suggests that cholesterol in the liver may play an active role in the development of non-alcoholic fatty liver disease, a common complication of obesity.



**Phillip Gribble: Division Director • Associate Professor
Athletic Training Rehabilitation Sciences PhD Program
Phillip.gribble@uky.edu**

Phillip Gribble, Ph.D., ATC, FNATA, is an Associate Professor in the Division of Athletic Training. Before coming to UK, Dr. Gribble served as the Director of the CAATE-accredited Post-Professional Graduate Athletic Training Education Program for 10 years at the University of Toledo. His research interests have focused on understanding the neuromuscular consequences of ankle and knee injuries and developing intervention strategies to alleviate the health care burden from these injuries. Dr. Gribble has established an international reputation as an expert in the area of ankle instability and was recently asked to assume the role of Co-Director of the International Ankle Consortium (IAC). In his career, Dr. Gribble has over 75 published and/or in-press peer-reviewed manuscripts in scientific journals and has presented over 180 abstracts at international, national and regional scientific meetings.



Frances Hardin-Fanning: Lecturer College of Nursing

Frances.hardin@uky.edu

Frances Hardin-Fanning received her associate degree in nursing from Morehead State University in 1997, where she received the Outstanding ADN Graduate award. She received a Master of Science degree from the University of Kentucky in 2005 and received the UK College of Nursing Alumni Association graduate student award. She completed her PhD in nursing and received the James S. Brown Graduate Student award for her dissertation research related to nutrition in Eastern Kentucky.

Fanning has worked in critical and emergency care since 1998 and has taught at the University since 2005. In 2009 she received the College of Nursing's Louise Zeeger Nursing Faculty Award. She is currently a faculty senator, the faculty advisor for the College of Nursing ROTC cadets, and advisor to the Undergraduate Nursing Activities and Advisory Council.



Wes Harrison: Chair Dept. of Community & Leadership Development

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Harrison is a native of Ocala, Florida, an area known for its horse farms, though in his youth, he said, there were more citrus and cow-calf operations. He received his bachelor's degree in business administration from the University of Florida and a master's degree in agricultural economics from Clemson University. After receiving his doctorate from UK, he joined the faculty of Louisiana State University in the Department of Agricultural Economics and Agribusiness, where he rose through the academic ranks to become the Warner L. Bruner Regents Professor in 2006 and director of graduate studies in 2015.

Much of his research and writings have focused on local food systems, consumer demand and confidence in their food, and value-added products.

"All of those things are applicable to community development. Global food security, food deserts, health, wellness and obesity are all relevant issues among underserved populations," he said.



Jeffrey Johnson: School of Architecture

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Jeffrey Johnson is a registered Architect and a member of the AIA. He received his Master of Architecture and his Bachelor's degree in Architecture from Ball State University. Jeffrey gained his professional experience working for offices in Vienna, Austria, Chicago and Rotterdam before co-founding SLAB Architecture with Jill Leckner in New York City in 2004.

Before joining UK College of Design, Jeffrey taught for 10 years at the Graduate School of Architecture, Planning and Preservation at Columbia University where he was the founding director of Asia Megacities Lab. His teaching and research focus on design at the scale of both architecture and the city. He has lectured extensively and has taken part in numerous international events, symposia, forums and workshops. Jeffrey has also taught at the Illinois Institute of Technology and at Tongji University in Shanghai.

Jeffrey was the Curator and Co-Academic Director for the 2013 Bi-City Biennale of Urbanism/Architecture Shenzhen.



Mike Johnson: Chair Electrical and Computer Engineering

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Research Interests

Signal processing, speech recognition, natural language processing, artificial intelligence, bioacoustics and animal communication, and many more

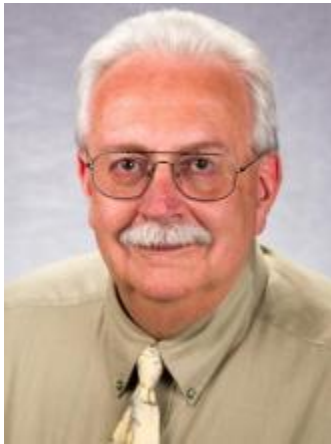
- [Electromagnetic Articulography \(EMA\) for Computer Aided Language Learning](#)
- [EMA-MAE: EMA database of Mandarin-Accented English](#)
- [The Dr. Dolittle Project](#)
- [Speech Recognition with Dynamical Systems](#)



Janet Lumpp: Electrical and Computer Engineering
jklumpp@uky.edu

Professor and Director of the First-Year Engineering Program

Research Areas: lasers, Materials, microelectronics



Anthony Pescatore: Animal Sciences

Anthony.pescatore@uky.edu

Extension Poultry Specialist
Poultry Production and Management



Christie Peters: Libraries

Christie.peters@uky.edu

Head of Science Library & eScience Initiatives



Jared Stallones: Dept of Curriculum and Instruction

janandjared@gmail.com



Stephen Strup: Urology

Stephen.strup@uky.edu

My name is Stephen Strup; I am the James F. Glenn Professor and Chief of Urology at the University of Kentucky. I am a native of Northwest Ohio and attended DePauw University, graduating Summa Cum Laude in 1984. I received my medical degree from the University of Indiana in 1988. I completed a residency in Urology in 1994 at Thomas Jefferson University in Philadelphia and then completed an Urologic oncology fellowship in 1996 at the National Cancer Institute in Bethesda, Maryland. I returned to Thomas Jefferson University where I was one of the early adopters of the Hand-assisted laparoscopic nephrectomy and laparoscopic radical prostatectomy techniques.

In 2003, I moved to the University of Kentucky in Lexington, where I was appointed the Director of Minimally invasive urologic surgery and, in 2006, residency program director. I was then named the James F. Glenn Chief of Urology in 2007. My clinical interests include Urologic Oncology, minimally invasive and robotic surgery, and living donor nephrectomy.



Lars Willnat: School of Journalism and Media

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I am Professor and Director of the School of Journalism and Media at the University of Kentucky. Before joining UK in 2016, I taught at Indiana University-Bloomington, the George Washington University in Washington, D.C. and the Chinese University of Hong Kong. In addition, I taught as a Fulbright Scholar and guest professor in China, Hong Kong, Japan, South Korea, Malaysia, Singapore, Germany and Switzerland. My research interests include media effects on political attitudes, theoretical aspects of public opinion formation, and political effects of global communication. My main research activities, however, focus on political communication issues in Asia — an area of the world where media, politics and culture mix in fascinating ways.

I recently completed an edited book (*Social Media, Culture and Politics in Asia*) that investigates social media use and political participation in nine Asian nations or territories: China, Hong Kong, Korea, Taiwan, Singapore, India, Malaysia, Thailand, and Japan. By employing a comparative, cross-national approach, the book investigates how the use of social media interacts with culture and politics in each of the selected nations – and how this interaction might affect political participation of individual voters.