

University of Kentucky 2017 BHEC-ALA Fellow's Bios

Maria Gabriela Castro, MD, is Associate Professor and Director of Medical Student Education in the Department of Family & Community Medicine and Director of Global Health Programs for the University of Kentucky's College of Medicine. She is a native of Ecuador, where she works with Shoulder to Shoulder Global on developing meaningful educational programs for health professions students. She has served as Interim and Associate Medical Director for the Bluegrass Community Health Center where she continues to work, promoting health and social justice for diverse populations in Lexington. She lives in Lexington with her husband Jeff and her daughter Clementine.

Aaron M. Cramer received the B.S. degree (summa cum laude) in electrical engineering from UK in 2003 and the Ph.D. degree from Purdue University in 2007. From 2007 to 2010, he was a Senior Engineer with PC Krause and Associates. He was an Assistant Professor from 2010 to 2016 at UK, where he is currently an Associate Professor. His research interests include simulation, control, and optimization of power and energy systems. Dr. Cramer was a recipient of the ONR Young Investigator Program award in 2015. He serves as an Editor of IEEE Transactions on Energy Conversion.

Jennifer Cramer received B.A. degrees (summa cum laude) in linguistics and French from UK in 2004, the M.A. degree in linguistics from Purdue University in 2006, and the Ph.D. degree from the University of Illinois at Urbana-Champaign in 2010. She arrived at UK in 2010 and is currently Assistant Professor and Director of Undergraduate Studies in the Department of Linguistics. Her research focus is on the perception and production of linguistic variation in Kentucky. She recently published a monograph on this topic called *Contested Southernness: The linguistic production and perception of identities in the borderlands* (2016, Duke).

Dr. Czarena Crofcheck is a professor in Biosystems and Agricultural Engineering (BAE) at UK. She holds a B.S. and M.S. in Chemical Engineering and a Ph.D. in Biosystems Engineering. Her research emphasis is in bioprocessing, specifically algae growth for CO₂ mitigation and the conversion of biomass to chemicals and fuels. Dr. Crofcheck teaches statistics and senior design and has won several teaching awards, on the department, college, university, and national levels. She holds several positions of leadership including the BAE Director of Undergraduate Studies, the chair of the UK Intellectual Property Committee, the co-chair of the Kentucky Girls STEM Collaborative.

Dr. Willis Jones is an Assistant Professor of higher education at the University of Kentucky. Dr. Jones holds a BA from the University of North Texas, a Master's in Higher Education Administration from the University of Arkansas, and a PhD in Higher Education Policy and Leadership from Vanderbilt University. Dr. Jones' primary area of research is related to the study of intercollegiate athletics. His research uses econometrics to examine whether external actors and resource providers are influenced by the presence, successes, and/or failures of high-profile college athletics. Dr. Jones also examines the consequences of the social structures created by intercollegiate athletics on the educational experiences of student-athletes. He teaches courses in diversity in higher education, economics of higher education, organization and administration of higher education, and intercollegiate athletics policy and governance.

Patrick Lee Lucas leads seminars, teaches lecture courses, and facilitates studio interactions by engaging in community conversations and encouraging students to think about the place of design in the world. An active member of the faculty, he has served on University committees in education abroad, international programs, living-learning programs, and public art. He has served since 2013 as Director of the School of Interiors, University of Kentucky College of Design and coordinates international activities for the College.

Charles Taylor Marshall, PhD serves as an Associate Professor for the University of Kentucky College of Health Sciences Doctor of Physical Therapy Program. Dr. Marshall is course director for Human Gross Anatomy, Physiology, Histology and Neuroanatomy. He teaches these courses at the Center of Excellence in Rural Health located in Hazard, KY. Dr. Marshall graduated from Alice Lloyd College, with a B.S. Biology in 1999, and received his MS (2005) and PhD (2006) in Anatomical Sciences & Neurobiology from the University of Louisville. He resides in Hazard with his wife Kassi, and three children, Adleigh, Taylor and Kambria.

Dr. Mark Williams has been a faculty member in the Department of Horticulture since 2001. His research interests are in sustainable agriculture, with a particular focus on evaluating and developing sustainable organic horticulture production systems. In addition to research Dr. Williams has led the development of the UK Sustainable Agriculture undergraduate program. As part of these efforts he established and is the Director of the 30-acre UK Organic Farming Unit, which houses a community supported agriculture (CSA) program (<https://ukcsa.wordpress.com/>) and associated student apprenticeship that has provided organically grown produce to UK faculty, students and staff since 2006.