Candidates for the President

Lisa Kay, PhD

Professor of Statistics, Graduate Program Coordinator
Department of Mathematics & Statistics
Eastern Kentucky University

Dr. Lisa Kay is a Professor of Statistics at Eastern Kentucky University, where she has served as faculty advisor for the EKU Statistics Club since 2002 and for EKU's chapter of Mu Sigma Rho since its inception in 2009. She earned her PhD in Statistics at the University of Kentucky in 1997. Dr. Kay served as the Associate Director of the EKU Honors Program from 2006 to 2013, and she has been a member of the Editorial Board of the *Journal of the National Collegiate Honors Council* since 2016. She has attended all but one of the United States Conference on Teaching Statistics (USCOTS) meetings since they began in 2005. She is currently the Vice President of Mu Sigma Rho, for which she also served as a Director-at-Large for the years 2014–2016. Dr. Kay was the lead organizer of the regional eCOTS conference held at EKU in 2018, and she has been elected to serve in an Executive Committee At-Large position for the American Statistical Association Section on Statistics and Data Science Education starting in 2020.

Paul Plummer, PhD

Assistant Professor of Statistics

Bioinformatics Program Coordinator

School of Computer Science and Mathematics

I am passionate about mentoring students as well as helping students succeed in all levels of statistics. In recent years I have presented at JSM on topics related to teaching Introductory Statistics courses and design of Co-requisite Models for General Education Statistics Courses. It has also been my pleasure to serve as the chapter representative for the Kansas/Western Missouri Chapter of Mu Sigma Rho. I take great joy in recognizing the outstanding students from our region's universities.
I began my teaching career as a mathematics teacher at an alternative high school but now teach at the University of Central Missouri, a master's level

university about 50 miles outside of Kansas City, MO. As a member of the School of Computer Science and Mathematics, I teach statistics courses at all levels from our general education statistics course to graduate level courses. I also advise undergraduate and graduate students in Actuarial Science, Statistics, and Bioinformatics, as well as serve as Program Coordinator for the BS Bioinformatics degree, an interdisciplinary program between the School of Computer Science and Mathematics and the School of Natural Sciences.
I am actively engaged with the Kansas/Western Missouri Chapter of the American Statistical Association serving in recent years as vice president and then president of the chapter. My involvement with Mu Sigma Rho began as a student as part of the inaugural class for our chapter. Upon graduation, I became a campus representative four our chapter which allowed me to introduce students at the University of Central Missouri to both the ASA and Mu Sigma Rho. Since May of 2015, I have served as our Chapter Representative.
I am excited with the advancements I have seen in Mu Sigma Rho since serving as a chapter representative. Our continued relationship with the ASA, our revision of the undergraduate requirements to better meet the needs of our chapters, our membership in the Association of College Honor Societies, even the adoption of a graduation cord. I would like to continue the efforts to recruit new chapters and our recognition of outstanding teaching with continued promotion of the William Warde Statistics Education Award. If I were elected as president or vice president, it would be an honor to serve the honor society and its membership.

Charles Eugene Smith, Ph.D.

Associate Professor of Statistics and of Biomathematics

North Carolina State Univ.

Raleigh, NC 27695-8203

Charlie Smith of the NCSU Dept. of Statistics has been involved with the chapter since 1993. For the first 15 years he and Dave Dickey alternated yearly as faculty advisor, and Charlie has been the sole advisor for last 8 years. During those 20 years there have been more than 900 new inductees from NCSU, and banquet speakers have included among others: Wayne Fuller of Iowa State, Ingrin Olkin of

Stanford, Stan Young of National Inst of Statistical Sciences, Marcia Gumpertz while serving as President of Mu Sigma Rho, Sastry Pantula, Montse Fuentes, and Webster West, 2015 Warde Education Award winner. Charlie has served one three-year term as Director-at-large for Mu Sigma Rho. At JSM in 2018 in Vancouver, Charlie organized and chaired an invited session on "Are we (academia) producing leaders with necessary statistical skills?" co-sponsored by International Indian Statistical Association and Korean International Statistical Society.

I would like Mu Sigma Rho to continue and strengthen the relationships with ASA at the national and local levels. Co-sponsoring invited sessions and graduate student travel awards are examples of opportunities to pursue. Increased interactions with the Stat. Ed. Section is another area to explore.

Candidate for Secretary-Treasurer

Lynne Seymour, PhD
Associate Professor
Department of Statistics
University of Georgia
Athens, GA 30602

Lynne Seymour is active in research, applying statistics to problems in weather, climate, and the environment. She been active in Mu Sigma Rho at UGA since aiding in the petition to establish the UGA chapter in 2009. She has also been active nationally in Mu Sigma Rho, serving as Vice-President in 2011-2013; as Acting Treasurer Jan-Jul 2015; and as Secretary-Treasurer in 2017-2019. In 2012, I organized and chaired the JSM Session on Undergraduate Capstone and Research Courses, sponsored by National Mu Sigma Rho. In her last term, she has digitized the Mu Sigma Rho induction rolls, and is attempting to digitize as much of the Mu Sigma Rho processes as possible.

Candidates for Directors-at-Large

Liam O'Brien, PhD
Chair, Department of Mathematics and Statistics
Colby College
Waterville, ME 04901

Liam O'Brien's primary appointment in as Chair of the Department of Mathematics and Statistics at Colby College, where he began his career in 2003. He also hold an adjunct appointment at the University of New England. He has co-authored over 30 publications and is dedicated to undergraduate teaching. He has been the chair of the Boston Chapter of the ASA Mu Sigma Rho Affiliate for over 10 years, and has been responsible for gathering and processing all undergraduate and graduate Mu Sigma Rho nominations in the New England area.

Amy G. Froelich, PhD

Associate Professor

Department of Statistics

Iowa State University

2438 Osborn Dr.

Ames, IA 50011

Amy G. Froelich is currently Associate Professor and Director of Undergraduate Education in the Department of Statistics at Iowa State University. Since joining the department in 2000, she has played a large role in the undergraduate program, teaching courses in introductory statistics, probability and mathematical statistics, and categorical data analysis and serving as an academic advisor to statistics majors. Dr. Froelich has received several teaching and advising awards at Iowa State University and was the 2010 recipient of the Waller Education Award from the American Statistical Association. Before joining the faculty at Iowa State, she

earned the Ph.D. in Statistics in 2000 and the B.S. in Secondary Mathematics Education in 1994, both from the University of Illinois, Urbana-Champaign. Her research interests are in statistics education, psychometrics, and educational measurement.

Inyoung Kim, PhD
Associate Professor
Department of Statistics, Virginia Tech
250 Drillfield Drive, Blacksburg, VA 24061

I am currently an Associate professor in the Department of Statistics at Virginia Tech (VT). I have joined VT since fall 2007. Before then, I was trained as a postdoctoral research associate for statistical genomics and proteomics in the division of Biostatistics, the Department of Epidemiology and Public Health, at Yale University. I received my Ph.D in the Department of Statistics at Texas A&M University and M.S. in the Department of Applied Statistics in Yonsei University, Republic of Korea.

I am VT chapter representative. I am also currently serving as a member of the Natural Sciences and Engineering Research Council of Canada (NSERC) Evaluation Group for Mathematics and Statistics for a three-year (June 2019-June 2022). I am ASA officer on Section on Statistical Graphics.

Chris Malone, PhD

Professor

Dept. of Mathematics and Statistics

322 Glidemeister Hall

Winona, MN 55987

Chris Malone, Professor of Data Science and Statistics, has been teaching at Winona State University since 2002. In the past, Malone has served as Director of Southeastern Minnesota Regional Science Fair, Co-Founder and Director of the Winona State University Statistical Consulting Center, Co-Founder and Director of the Midwest Undergraduate Data Analytics Competition (MUDAC). Malone has

worked diligently to promote our discipline to undergraduates over the past 18 years.

Laura Taylor, PhD

Associate Professor of Statistics

Duke 307 F

2320 Campus Box

Elon, NC 27244

Laura Taylor completed a bachelor's (2013) and master's (2014) of mathematics at Winthrop University in Rock Hill, SC. She then completed her Ph.D. in statistics (2008) at the University of South Carolina where she first became a member of Mu Sigma Rho. Dr. Taylor joined the Mathematics Department at Elon University in 2008. A statistics major was launched in 2010 and has grown rapidly in the past decade. Following this growth, Dr. Taylor chartered a chapter of Mu Sigma Rho at Elon University in 2015 with 45 students being inducted in the past four years. Dr. Taylor regularly teaches upper-level courses within the statistics major such as Design and Analysis of Experiments and Statistical Computing. She recently launched a statistical computing for simulation and theory course that integrates the R language for exploring statistical theory in a non-calculus-based introduction to the material. She regularly presents on statistics education research at the United States Conference on Teaching Statistics, the electronic Conference on Teaching Statistics, and the International Conference on Technology for Collegiate Mathematics.

Mark Daniel Ward

Professor of Statistics

Department of Statistics
Purdue University
150 North University Street
West Lafayette, IN 47907-2067

Mark Daniel Ward is a Professor in Statistics and (by courtesy) in Mathematics at Purdue University. His research is in probabilistic, combinatorial, and analytic techniques for the analysis of algorithms and data structures. He is also interested in data analysis, science of information, game theory, and large-scale computation. He currently serves as Associate Director for Purdue's Integrative Data Science Initiative; Director of The Data Mine; Principal Investigator for the Purdue Statistics Living Learning Community, funded by the National Science Foundation; and Associate Director for the NSF Center for Science of Information (a core center in Purdue's Discovery Park). Mark has worked with thousands of undergraduate students during his career. He is passionate about creating opportunities for students, especially in ways that statistics and the data sciences are used across other disciplines.