Archives of the Applied Statistics Workshop

2023 Josh Dunlap, Emmanuel Hernandez, Gauthier Kelly, David Laredo, Amazon Web Services, *Cloud Computing and Sagemaker*, on Friday, April 21, via Zoom

2022 Robert Kabacoff, Wesleyan University, *Modern Data Visualization with R*, on Saturday, April 23, via Zoom

2021 Hui Ln (Netlify) and Ming Li (Amazon), *Introduction to Data Science, Machine Learning and Deep Learning (in R and Python)*, on Saturday, April 24, via Zoom

2020 Ash Pahwa, *Deep Learning Using TensorFlow*, on Friday, April 24, via Zoom

2019 Frank E. Harrell, Department of Biostatistics, Vanderbilt University, *Regression Modeling Strategies*, on Friday, April 26, at California State University, Long Beach

2018 Ofer Harel, Department of Statistics, University of Connecticut, *Problem of Dealing with Incomplete Data*, on Saturday, April 21, 2018, at City of Hope, Duarte

2017 Gregory Ridgeway, Department of Criminology, University of Pennsylvania, *Statistical Applications in Crime and Justice*, on Saturday, March 25, at City of Hope, Duarte

2016 Tim Hesterberg, Senior Ads Quality Statistician, Google, *Bootstrap Methods and Permutation Tests with Practical Applications*, on Saturday, March 12, at City of Hope, Duarte

2015 Terry M. Therneau, Department of Health Science Research, Mayo Clinic, *Analysis of multi-state survival models*, on Friday, April 3, at California State University, Long Beach

2014 Walter W. Stroup, Department of Statistics, University of Nebraska - Lincoln, *Introduction to Generalized Linear Mixed Models with Emphasis on Non-normal Data*, on Saturday, March 29, at University of California, Los Angeles

2013 Bruce Turnbull, School of Operations Research and Industrial Engineering, Cornell University, *Group Sequential and Adaptive Designs for Clinical Trials*, on Friday, March 8, at California State University, Long Beach

2012 Scott M. Lynch, Department of Sociology, Princeton University, *Application of Bayesian Statistics in Social Sciences*, on Saturday, March 24, at California State University, Long Beach

2011 Alex Dmitrienko, Principal Research Scientist, Eli Lilly and Company, *Key Multiplicity Issues in Clinical Trials*, on Saturday, April 9, at California State University, Long Beach

2010 Carter T. Butts, Department of Sociology, University of California, Irvine, *Statistical Models for Social Networks: Overview and Prospect*, on Friday, April 30, at the RAND Corporation, Santa Monica, CA

2009 A. Colin Cameron, Department of Economics, University of California, Davis, *Advances in Count Data Regression*, on Saturday, March 28, at University of California, Los Angeles

2008 Arlene S. Ash, Department of Medicine, Boston University, *The Vital Importance of Adjusting for Patient Risk: Risk Adjustment in Health Services Research*, on Friday, March 28, at California State University, Long Beach

2007 Bengt O. Muthén, Graduate School of Education and Information Studies, University of California, Los Angeles, *Advances in Latent Variable Modeling*, on Saturday, March 31, at University of California, Los Angeles

2006 Nan M. Laird, School of Public Health, Harvard University, *Applied Longitudinal Analysis*, and Theodor M. Porter, Department of History, University of California, Los Angeles, *The Statistician in History from Laplace to Fisher* (lunchtime talk) on Friday, March 24, at University of California, Los Angeles

2005 Frank E. Harrell, Department of Biostatistics, Vanderbilt University, *Regression Modeling Strategies*, on Friday, April 29, at California State University, Long Beach

2004 Scott S. Emerson, School of Public Health, University of Washington, *Analysis of Right Censored Time to Event Data*, on Saturday, May 1, at California State University, Long Beach

2003 Charles S. Davis, Senior Director of Biostatistics, Elan Pharmaceuticals, *Statistical Methods for the Analysis of Repeated Measurements*, on Saturday, May 3, at California State University, Long Beach

2002 Gary G. Koch, School of Global Public Health, University of North Carolina at Chapel Hill, *Nonparametric Statistical Methods*, on Friday, April 19, at California State University, Long Beach

2001 R. Dennis Cook, School of Statistics, University of Minnesota, *Regression Graphics via Dimension Reduction*, on Friday, May 11, at California State University, Long Beach

2000 Richard D. De Veaux, Department of Mathematics and Statistics, Williams College, *An Overview and Examination of Data Mining*, on Friday, May 12, at California State University, Long Beach

1999 Paul Switzer, Department of Statistics, Stanford University, *Spatial Statistics*, on Friday, May 21, at California State University, Long Beach

1998 Wayne B. Nelson, Private Consultant, *Survival Analysis Extended to Recurrent Events Data with Repairable Products, Disease Recurrences, and Other Applications*, on April 24, at California State University, Long Beach

1997 Douglas C. Montgomery, School of Computing, Informatics, and Decision Systems Engineering, Arizona State University, *Response Surface Methodology and Experimental Design*, on Friday, May 16, at California State University, Long Beach

1996 Julian Besag († 2010), Department of Statistics, University of Washington, *Practical Bayesian Inference*, on Saturday, May 18, at California State University, Long Beach

1995 Richard A. Becker, AT&T Bell Laboratories, and William S. Cleveland, AT&T Bell Laboratories, *Visualizing Data with Trellis Display*, on Friday, May 19, at California State University, Long Beach

1994 Trevor J. Hastie, AT&T Bell Laboratories, *Generalized Additive Models and Related Technology*, on Friday, June 3, at California State University, Long Beach

1993 Gerald J. Hahn, General Electric Global Research Center, *Statistical Intervals: An Applications Guide*, on Friday, June 4, at California State University, Long Beach

1992 Bradley Efron, Department of Statistics, Stanford University, and Richard A. Olshen, Department of Health Research and Policy, Stanford University, *Resampling Revisited*, on Friday, May 15, at University of Southern California

1991 R. Dennis Cook, School of Statistics, University of Minnesota, *Regression Graphics*, on Friday, May 17, at University of Southern California

1990 Norman Breslow († 2015), Department of Biostatistics, University of Washington, *The Analysis of Follow-up Data*, on Friday, May 18, at University of Southern California

1989 Roderick J. A. Little, Statistics Department, University of Michigan, and Donald B. Rubin, Department of Statistics, Harvard University, *Handling Missing Data: Techniques and Applications*, on Friday, May 12, at University of Southern California

1988 Alan Agresti, Department of Statistics, University of Florida, *Analysis of Categorical Data*, on Friday, May 13, at University of Southern California

1987 William A. Gale († 2002), AT&T Bell Laboratories, *Artificial Intelligence and Expert Systems in Statistics*, on Friday, May 29, at University of Southern California

1986 *New Developments in Regression and Classification: Regression Diagnostics* by Roy E. Welsch, Engineering Systems Division, Massachusetts Institute of Technology; *Classification Analysis* by Charles J. Stone († 2019), Department of Statistics, UC, Berkeley; *Panel Discussion* by

Alan B. Forsythe, Department of Biomathematics, University of California, Los Angeles, and Bert Steece, School of Business, University of Southern California; on Friday, May 30, at University of Southern California

1985 *[Statistical Graphics: History, State of the Art, and the Future] History* by Edward R. Tufte, Yale University; *State of the Art* by Richard Becker, AT&T Bell Laboratories; *The Future* by Daniel B. Carr, Department of Statistics, George Mason University, on Saturday, April 27, at University of Southern California

1984 Jay P. Siegel, Center of Biologics Evaluation and Research at the FDA, and Peter A. Lachenbruch, Department of Preventive Medicine and Environmental Health, University of Iowa, *Statistical Computing with Microcomputers*, on Friday, April 27, at University of California, Los Angeles

1983 *What's New in Applied Statistics:* Session I *Bootstrapping* by Bradley Efron, Department of Statistics, Stanford University ("Bootstrapping"), and David A. Freedman († 2008), Department of Statistics, University of California, Berkeley ("Bootstrapping a Regression Equation: Some Empirical Results"); Session II *Statistics and Small Computers* by Jerome D. Toporek, The BMDP Project ("The BMDP Stem for Motorola 638000 Computers"), and Jerome H. Friedman, Department of Statistics, Stanford University ("Interactive Graphics for Workstations"); and Session III: *Quality Contro*l by Edward P. Coleman († 2011), Department of Engineering, University of California, Los Angeles ("The Schuhart Control Chart"), William Scherkenbach, Ford Motor Company ("The Deming Quality Control Philosophy"), and Imre A. Fischer, Biomedical Consultant ("Statistical Quality Control Applications for Medical Laboratories"); on Friday, April 29, at University of California, Los Angeles

1982 *What's New in Applied Statistics: Data Management* by Daniel A. Relles, The RAND Corporation, and Donald Guthrie, University of California, Los Angeles; *Modeling* by Stanley P. Azen, Department of Preventive Medicine, University of Southern California, Dennis J. Aigner, School of Business, University of Southern California, and S. James Press, Department of Statistics, University of California, Riverside; *Regression Diagnostics* by William Rogers, The RAND Corporation, Wilfrid J. Dixon († 2008), University of California, Los Angeles, and Mary Ann Hill, University of California, Los Angeles; on Friday, April 16, at University of California, Los Angeles