



# Modern Mathematics Workshop 2018

October 10-11, 2018

## SPEAKER TITLES/ABSTRACTS

### KEYNOTE:

#### Javier Rojo

*Korvis Professor of Statistics*  
Oregon State University

#### Bio:

Javier received his Ph.D. in Statistics from the University of California at Berkeley under the direction of Erich L. Lehmann. He is currently the Korvis Professor of Statistics at Oregon State University. Prior to that, he was the Seneca C. and Mary B. Weeks endowed Chair of Statistics and Chair of the Department of Mathematics and Statistics at the University of Nevada at Reno. Prior to that he was Professor of Statistics at Rice University 2001-2013, and before that he was assistant, associate, and then full professor in the Department of Mathematical Sciences at the University of Texas, El Paso 1984-2001, where he was also the founding director of the BioStatistical Laboratory.

Javier is an elected Fellow of the following societies: American Statistical Association, The Institute of Mathematical Statistics, The Royal Statistical Society, The American Association for the Advancement of Science, and is an elected member of the International Statistical Institute. He also received the 2010 Don Owen award from the American Statistical Association, and recently received the 2018 Etta Z. Falconer award "*In recognition of your outstanding contributions to diversifying the landscape of the mathematical and statistical sciences through excellence, mentorship and leadership*". He served (1998-1999) as program director in the statistics and probability programs in NSF and has participated as a member and as chair of two subcommittees in the 2013

#### Abstract:

#### **“Partial Orders of Distributions”**

Partial orders of distributions permeate the theory of statistics and applications in Engineering, Economics, Finance, Extreme Value Theory, Genetics, etc. In this talk, we present two complementary approaches to defining and synthesizing several of these partial orders and some applications are presented. This talk is sponsored by Modern Math Workshop.