

Daniel Jeske, Ph.D.
Professor

University of
California, Riverside

Olmsted Hall 420

April 23rd 2019

3:45-4:45pm

*Reception in Olmsted 1331
at 3:15 P.M.*



**“STATISTICAL INFERENCE IN
THE 21ST CENTURY: A WORLD
BEYOND $P < .05$ ”**

Abstract

A special issue of The American Statistician, with the same title as my talk, was published in March 2019. The special issue contains 43 papers that discuss and propose alternative inference procedures that could either enhance or replace the use of "bright line" thresholds such as $P < .05$. In this talk, I will discuss the history and motivation that led to the special issue, and provide an overview of what I found to be some of the most interesting papers in the issue.

Biography

Daniel Jeske is a Professor in the department of statistics at the University of California, Riverside (USA), where he served as the department chair during 2008-2015. He coordinates U.S. Navy and other industry outreach efforts for UCR Statistics, and holds a visiting investigator position at the City of Hope cancer hospital in Duarte, California. He is an elected fellow of the American Statistical Association and served on the board of directors during 2014-2016. He is the Vice-President of Membership for the International Society of Business and Industrial Statistics (ISBIS), a society of the International Statistical Institute (ISI). He was an Associate Editor for The American Statistician for 8 years before becoming Editor-in-Chief in 2018. He is an Associate Editor for Applied Stochastic Models in Business and Industry and a member of the Program Affiliates Committee of the National Institute of Statistical Sciences (NISS). His research interests include classification and prediction methodologies, longitudinal data modeling, statistical process control methodologies, biostatistics applications, and reliability modeling.