

# WHAT IS STATS CAMP?

**Stats Camp** is an internationally recognized award winning educational event focused on advanced statistical training at the graduate and post-graduate level. Each year full week-long Stats Camps and 2.5 day Mini Camps are held at various locations throughout the world.

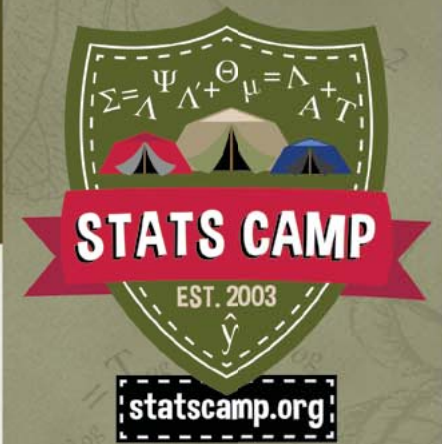
**Stats Camp** was started in 2003 to meet the critical need for on-going education in advanced statistical procedures employed by researchers, governments, institutions, and corporations. The demand has been substantial and sustained, resulting in new courses and additional locations each year.

**Stats Camp** courses are highly relevant to current trends and practices in modern statistical analysis. Most courses offer practical “hands on” instruction to get students up to speed fast and maximize knowledge takeaway. All Stats Camp Instructors are vetted and selected from the very best in the field. Most are recognized innovators in the field of advanced quantitative methods.

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**Individual help** on class work or for personal data analysis projects is part of most Stats Camp events. Individual consultation schedules are listed in the syllabi for each course found on [StatsCamp.org](http://StatsCamp.org)

Full information on current course offerings is always available on our web site at: [StatsCamp.org](http://StatsCamp.org)



Founded in 2003 by  
Todd D. Little, PhD



Stats Camp is  
Award Winning



“Great workshop, nicely paced, good balance between theory and the practicalities of doing SEM. Definitely worth the cost and, more important to me, worth my time.”

-Megan R. Gunnar,  
Distinguished McKnight University  
Professor, Institute for  
Child Development,  
University of Minnesota

*STATS CAMP is about learning  
AND having FUN!*

There's more to **Stats Camp** than just a classroom – **lots more!**



Stats Camps and Mini Camps take place in some of the most beautiful, exciting and interesting locales in the world. Stats Campers get world class training along with a world class experience. Campers make friends and professional connections while sharing in the many fun activities that are part of every Stats Camp experience.



### **After Class Networking**

Daily after class networking is an integral part of Stats Camp events. Networking is a great way to socialize and relax with your fellow campers. Have a glass of wine or beer, mingle with old friends and make new ones!



### **Daily Group Lunch**

Well-fed Campers are happy Campers. Stats Camp daily lunches are an opportunity for Campers to get to know each other while sharing a meal. Lunch is always included in every Stats Camp event.



### **Daily Snack Table**

Nobody ever goes hungry at Stats Camp. Our daily snack table offers a wide variety of snackalicious options during session breaks. It's all good, snack on! Free bottomless coffee and cold beverages too.



Todd D. Little, PhD, Director, Stats Camp

## **Todd D. Little, PhD, Director, Stats Camp**

Todd D. Little, PhD, is a Professor of Educational Psychology and the founding Director of the Institute for Measurement, Methodology, Analysis and Policy (IMMAP: [immap.educ.ttu.edu](http://immap.educ.ttu.edu)) at Texas Tech University. Little has held positions at the Center for Lifespan Studies at the Max Planck Institute for Human Development in Berlin, Germany (1991-1998), the Department of Psychology at Yale University (1998-2002), and the Department of Psychology at the University of Kansas (2002-2013). While in Kansas, he founded and directed the Center for Research Methods and Data Analysis.

Little is a member of the Society for Multivariate Experimental Psychology, and a Fellow with AAAS, APA and APS. Additionally, he has served as President of APA's Division 5 (Evaluation, Measurement, and Statistics). In 2009, he received the W.T. Kemper award for excellence in Teaching at KU, and in 2013 he received the Cohen award for distinguished contributions to teaching and mentorship from APA's Division 5.

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## WHAT CAMPERS SAY ABOUT STATS CAMP

“ I was really amazed how comprehensive and hands-on the mini camp was. I am confident that I can take everything I learned, from the basic to the advanced topics, and employ them independently ”

-Katie Paschall, M.S., Doctoral Candidate The University of Arizona

“ The instructor's clear and practical presentation of material that was once intimidating to me has uncovered a powerful analytic tool. I feel comfortable that I've learned the correct application of SEM ”

-Jenny Tehan, Graduate Student, Georgia Institute of Technology

“ A wonderful opportunity for researchers to learn the basic fundamentals of SEM as well as advanced applications and research. Dr. Little provides personable “hands-on” instruction in a relaxed and enjoyable environment. I highly recommend this summer institute to faculty and graduate students alike! ”

-Paul Schrod, Assistant Professor, University of Texas at Arlington

“ A wonderful training opportunity that has already found lots of applications in various grant proposals and analyses. What impressed me most was your ability to take something that prior to my arrival seemed overwhelming and complicated and make it seem so do-able. AND, not only could I do it but I understood the logic and principles guiding my decisions ”

-Amy K. Syvertsen, Ph.D.

“ Stats Camp is the best ever—hands down! Virtually everything about it is superb—material presented is thorough and well documented, slide content is always clear and readable, time for questions and discussion is generous. Participants are also provided with an abundance of supportive resources. In my view, Todd Little's Stats Camp is an absolute gold mine. ”

-Barbara Byrne, School of Psychology, University of Ottawa



**Wow. Simply superb, the instructors, and the materials.**



**We hear it over and over again that our Stats Camp is simply the best and we think so too!**



REGISTER ONLINE

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# 2016 STATS CAMP OFFERINGS

★ **Albuquerque, New Mexico**

REGISTER ONLINE at [StatsCamp.org](http://StatsCamp.org)

## **Session 1 – June 6 thru 10, 2016**

Participants can choose one of seven courses

### **SEM Foundations**

An intensive short course on the principles of structural equation modeling. Topics include confirmatory factor analysis, multiple-group comparisons, factorial invariance as well as extended applications such as hierarchical models and multi-level SEM.

### **Social Network Analysis**

Designed primarily for researchers who are interested in conducting social network research, particularly those who are embarking upon it for the first time.

### **Mixture Modeling**

This five-day course is an intensive short course in the fundamentals of latent class analysis and finite mixture modeling.

### **Multilevel Modeling**

The theory and practice of methods for analyzing hierarchically organized data.

### **Bayesian Data Analysis**

This course shows you how to do Bayesian data analysis, hands on, with R and JAGS. Bayesian analysis provides rich information about the relative credibilities of all candidate parameter values for any descriptive model of the data, without reference to p values.

### **Psychometrics**

Psychometrics is designed to measure psychological attributes of people. Tests are broadly defined as devices for measuring ability, aptitude, achievement, attitudes, interests, personality, cognitive functioning, and mental health. Topics include, measurement and statistical concepts, scaling, validity, reliability, and analysis.

### **Program Evaluation and Cost Benefit Analysis**

An intensive short course on the principles and practice of program evaluation and cost-effectiveness and cost-benefit analysis. Topics include, program theory, needs assessment, monitoring progress and measuring outcomes, cost-effectiveness vs. cost-benefit analysis, and advanced extensions of cost-benefit analysis

## **Session 2 – June 13 thru 17, 2016**

Participants can choose one of seven courses

### **Mediation and Moderation**

Researchers are no longer simply interested if (X) is related (Y). Instead, questions such as: “Why is X related to Y?” and “When is X related to Y?” abound. This course addresses methods to test why two variables are related (mediation) and when two variables are related (moderation).

### **SEM with Mplus**

More and more researchers in the social and behavioral sciences use, or want to use, Mplus to analyze their structural equation models. This stats camp course is a five day workshop on using Mplus.

### **Longitudinal Mixture Modeling**

A five-day advanced course in the analysis of longitudinal data using latent class analysis and finite mixture modeling. Finite mixture models are a type of latent variable model that express the overall distribution of one or more variables as a mixture of a finite number of component distributions.

### **Longitudinal SEM**

An advanced intensive short course in the analysis of longitudinal data using SEM. The course will be a series of lectures and computer workshops to provide participants with advanced training in the use of SEM for the analysis of longitudinal data.

### **Advanced SEM: Bayesian SEM**

This course provides hands on instruction in the application SEM from the Bayesian paradigm. It will cover the application of models commonly implemented in frequentist SEM, and in models that are complicated or impossible to estimate in the frequentist paradigm. The material and examples will be provided in R.

### **Meta-Analysis**

This course teaches the skills necessary to conduct and write publishable meta-analytic reviews, including methods of searching the empirical literature, coding effect sizes, and analyzing effect sizes across multiple studies.

### **Multilevel SEM with xLM**

This course teaches skills necessary to conduct analysis of complex multilevel data-structures from an nLevel Structural Equation Modeling perspective. Conventional multilevel modeling and multilevel-structural equation modeling work well with ‘standard’ multilevel data. The n-Level structural equation modeling (NL-SEM) framework is intended for both conventional and non-standard data-structures.

# 2016 STATS CAMP VENUE

## **Embassy Suites by Hilton Albuquerque Hotel & Spa**

**1000 Woodward Place NE  
Albuquerque, New Mexico 87102**

**Call: 505.245.7100**

**The Embassy Suites Albuquerque** is centrally located in downtown Albuquerque, near historic Old Town, the Natural History Museum, Balloon Fiesta Park, Sandia Peak Tramway and Sandia Ski Basic.



The hotel is also within easy walking distance of all services such as banks & restaurants etc. The University of New Mexico and Albuquerque International Airport are a short three miles away.

Special **Stats Camp** room rates are available until May 14th or until the room block is sold-out, whichever comes first. Reserve your room now to guarantee the best rate. **With risk-free room reservations you can always cancel the reservation at a later date.**

## **Albuquerque, New Mexico**

Albuquerque, New Mexico's largest city, sits in the high desert. Its modern Downtown core contrasts with Old Town, dating to the city's 1706 founding as a Spanish colony.

Old Town is filled with historic adobe buildings, such as San Felipe de Neri Church, and shops selling Native American handicrafts. The Indian Pueblo Cultural Center traces the area's tribal history. The Sandia Mountains run along the eastern side of Albuquerque, and the Rio Grande flows through the city. Albuquerque is also the home of the International Balloon Fiesta, a large gathering of balloons from around the world.



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**2**

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**3**

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