

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 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 used 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 in our TechStat© labs 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.

REGISTER ONLINE at StatsCamp.org

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 on StatsCamp.com

Full information on current course offerings is always available on our web site at: 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.



Daily After Class Mixers

Daily after class mixers are an integral part of every Stats Camp event. Mixers are a great way to network, 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

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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) 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 in my own research. ”

-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 from experts in the field. ”

-Jenny Tehan, Graduate Student, Georgia Institute of Technology



“Wow. Simply superb, the instructors, and the materials.”

“ 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 Schrodtt, 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 an invaluable experience! ”

-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



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



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Fall Stats Camp 2016

 **Brea, California**

August 29th – September 2nd 2016

Participants can choose from one of six courses

SEM Foundations and Extended Applications

This is 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.

Instructors:

Todd D. Little Ph.D.
Elizabeth Grandfield

Item Response Theory (IRT)

The most popular unidimensional IRT models for dichotomous and polytomous item response data, and multidimensional IRT models, in particular the bifactor model and its applications, will be reviewed. The assumptions underlying IRT models, and how to evaluate them, as well as methods of establishing model to data fit will be covered extensively. Finally, we will examine the major applications of IRT including scale construction, evaluating differential item functioning, and computerized adaptive testing.

Instructor:

Steven P. Reise, Ph.D.

Applied Latent Class and Latent Transition Analysis (Applied LCA and LTA)

An intensive short course in the fundamentals of latent class and latent transition analysis with categorical indicators. This course will introduce participants to the prevailing “best practices” for direct applications of basic finite mixture modeling to cross-sectional and longitudinal categorical data, specifically latent class analysis (LCA) and latent transition analysis (LTA), in terms of model assumptions, specification, estimation, evaluation, selection, and interpretation.

Instructor:

Katherine Masyn Ph.D.

Longitudinal Growth Modeling | Multilevel and Structural Equation Modeling Approaches

This five day workshop discusses growth models from the multilevel and structural equation modeling perspectives. The workshop covers a range of topics, including a historical overview of change analysis, linear and nonlinear growth models, inclusion of time-invariant and time-varying covariates, multiple group and growth mixture models, and growth models for ordinal and count outcomes. For analysis, we will discuss and use Mplus, R, and SAS. The training is intended for faculty, postdocs and advanced graduate students who are familiar with structural equation modeling and multilevel modeling.

Instructor:

Kevin J. Grimm, Ph.D.

Modeling Data Using Regression Methods | A New Look at Multiple Regression

This workshop will present a thorough approach to testing theoretical hypotheses with the general linear model, also known as regression analysis. Throughout the workshop, presentations will alternate between lectures and work sessions during which participants can try fitting models discussed in the lectures. Time will also be available for participants to fit models to their own data and receive advice and feedback on their analytic approaches and their interpretations of data.

Instructor:

Keith F. Widaman, Ph.D.

Missing Data: Implementing ML or MI

The purpose of this course is to familiarize participants with ML and MI and to demonstrate the use of these techniques using popular software packages (SPSS, SAS, Mplus). The goal of this course is to provide participants with the skills necessary to understand and appropriately implement ML and MI in their own research. To this end, the course will provide a mixture of theoretical information and computer applications.

Instructor:

Craig Enders, Ph.D.

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Fall Stats Camp 2016 Venue

Embassy Suites by Hilton Brea – North Orange County

900 E Birch Street

Brea, CA 92821

Call: (714) 990-6000

This all-suite property with a 7-story atrium is a 1-minute walk from the Brea Mall and 11.5 miles from Disneyland®.

The modern, upscale suites offer separate living rooms with pull-out sofas, microwaves, minifridges and coffeemakers, plus 2 flat-screen TVs, WiFi (fee) and wet bars.

Complimentary amenities include made-to-order breakfast, light appetizers and drinks, parking and an area shuttle. There's an American grill restaurant, an outdoor heated pool and a fitness center, as well as a 24/7 business center. The hotel is also within easy walking distance of all services such as banks & restaurants etc. Orange County International Airport is close by.

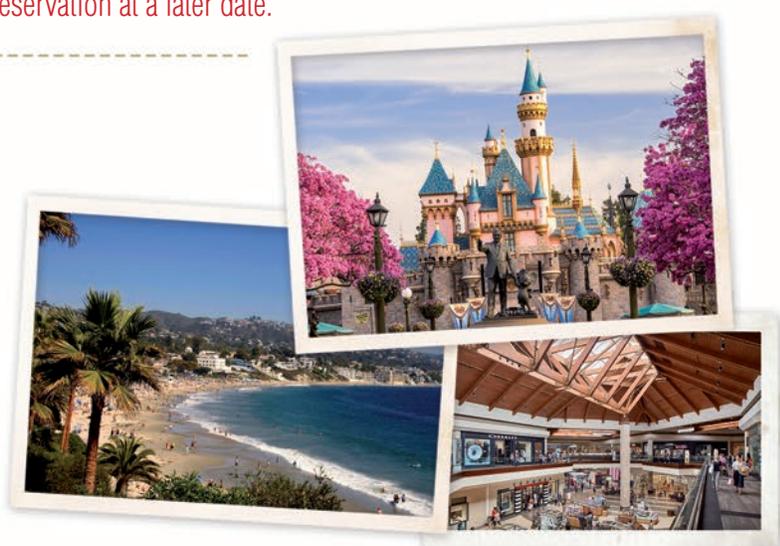
Special **Stats Camp** room rates are available until Aug 6th or until the room block is sold-out, whichever comes first. Reserve your room now to guarantee the best rate.

With risk-free room reservations you can always cancel the reservation at a later date.



Discover Brea, one of Southern California's hidden treasures in the middle of everything you'll want to do. In addition to being conveniently located near some of Southern California's most popular tourist attractions, there is plenty to do and see right here in town. Long considered a "foodie city", Brea boast a diverse variety of terrific restaurants that will meet any budget and taste.

Brea is also a great centrally located home base for exploring all the area has to offer including Disneyland, local beaches, world class shopping, and many other attractions.



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1

CHOOSE COURSE

[Click to choose course at StatsCamp.org](http://StatsCamp.org)

2

REGISTER

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3

CHECKOUT



Check, Wire Transfer, Money Order