

Affiliates Update

SEPTEMBER | 2019

WELCOME!

This is the latest edition of the Affiliates Update which highlights upcoming NISS sponsored events. At NISS sponsored events NISS affiliates are eligible for to use their Affiliate Award Funds to pay for registration and travel expenses.

PLEASE BE SURE TO CIRCULATE THIS AFFILIATES UPDATE TO YOUR COLLEAGUES!

NISS sponsored events encourage cross-sector and cross-disciplinary networking. Let us know if you are planning an event and would like NISS to co-sponsor it. NISS affiliates can use their award funds to support these events. For more information about the NISS Affiliate program, see: <https://www.niss.org/affiliate-program-information>. To become a member, complete the application available at <https://www.niss.org/affiliates/become-affiliate>.

James Rosenberger, Director NISS

SAVE THE DATE!

NISS VIRTUAL CAREER FAIR - EXCLUSIVELY FOR NISS AFFILIATES!

September 26, 2019 12:00 - 1:45 EDT

Attention Job Seekers!

Are you on the job market? Or, is it time that you began thinking about next steps?

NISS has put together a low-stress, informative and conversational event with a handful of prospective employers in fields related to statistics.

NISS has invited experienced, senior statisticians from a variety of companies to talk about the job opportunities that currently exist and advice for how you go about finding a position that best fits you.

Intended Audience: Students/Faculty (at all levels) *from NISS Affiliates Institutions* who may be interested in learning about employment opportunities in industry either now or in the future!

The Career Fair will be conducted using Zoom. Please use your .edu, .gov or .com email address when registering.



[Register for this event!](#)

SAVE THE DATE!

NISS WEBINAR: WHAT'S IN A NAME – DATA ANALYTICS, MACHINE LEARNING, ARTIFICIAL INTELLIGENCE AND WHAT ELSE?

September 27, 2019 12-2 pm ET

If you have been following the ongoing discussion of data science and *the role of statistics in data science*, or wondering about the increasing use of phrases like *machine learning* and *artificial intelligence* in the business world, you will definitely want to take advantage of a free webinar on these topics on September 27 sponsored by the National Institute of Statistical Sciences (NISS).

The 2-hour webinar (12:00 – 14:00 EDT) will feature 4 prominent leaders in statistics and data analytics. The 4 speakers, Vincent Granville, Victor Lo, Hal Stern, and Lee Wilkinson are pioneers in their distinct areas of expertise. The webinar will be moderated by Dan Jeske. A short bio of each participant is given on the NISS website.

Registration for this event is required!

[Register for this event!](#)



MULTIPLE POSITIONS ANTICIPATED! POSTDOC / EARLY CAREER RESEARCHER POSITIONS

The National Institute of Statistical Sciences (NISS) is a research institute focused on bringing advances in statistics to high priority projects with national / international impact. Early career researchers at NISS have the opportunity to work with researcher leaders to develop innovative statistical solutions to high impact problems.

Research Challenges: Develop, implement and test innovative statistical methodologies, apply statistical thinking and technology to high-profile social, economic and survey data and conduct research to meet one or more of five objectives: 1) innovative methodology for modeling and estimation for survey data, 2) uncertainty quantification and computation, often for combining different sources of uncertainty, 3) design and analysis of simulations and experiments to validate new methodology and models, 4) new methodology for analysis and interpretation of Big Data, and 5) complex analysis of federal Big Data to answer specific substantive questions.

NEW SPATIAL MODELING PROJECT AT NISS! CAREER OPPORTUNITY IN SPATIAL STATISTICS

The National Institute of Statistical Sciences (NISS) seeks to appoint a postdoctoral Research Associate for a high-impact project to develop and implement spatial statistical methodology for education data.

Research Challenge: Develop, implement and test innovative spatial statistical methodologies, apply GIS technology to high-profile social, economic and education data (American Community Survey, US Department of Education surveys and assessments), and conduct research with three-part objective: 1) methodology for spatial modeling and estimation with changes of support for survey data, 2) uncertainty quantification and computation for combining different sources of uncertainty, e.g., from survey sampling and from spatial dependence models, and 3) Design and analysis of simulations and experiments to validate new methodology and models developed.

[Find out more
about
these positions!](#)

NISS projects develop and implement new statistical methodology for high priority federal agency problems and analyses of massive datasets.

Appointments will be for one year with expectation of renewal.

Positions will remain open until filled.

[APPLY
TODAY!](#)

SEPTEMBER

Record Linkage Workshop

Event Date: September 20, 2019

Event Location: Minneapolis, Minnesota

Explore how subject matter experts in four distinct fields of work use machine learning methods to link databases together. What works? What doesn't? Leverage their collective knowledge and discover new approaches for overcoming common methodological challenges. This event will include four... ([read more](#))

StatFest 2019

Event Date: September 21, 2019

Event Location: Houston, Texas, 77030

StatFest is a one-day conference aimed at encouraging undergraduate students from historically underrepresented groups to consider careers and graduate studies in the statistical sciences. We are excited that StatFest 2019 will be held at the University of Texas Health Science Center at Houston!... ([read more](#))

NISS Virtual Industry Career Fair for NISS Affiliates!

Event Date: September 26, 2019 12:00 - 1:45 EDT

Event Location: Virtual Meet-up

Attention Job Seekers! Are you on the job market? Or, is it time that you began thinking about next steps? NISS has put together a low-stress, informative and conversational event with a handful of prospective employers in fields related to statistics. NISS has invited experienced, senior... ([read more](#))

NISS Webinar: What's in a name – data analytics, machine learning, artificial intelligence and what else?

Event Date: September 27, 2019 12-2 pm ET

Event Location: Online Webinar

If you have been following the intense debate on statistics vs. data science and wondering about the increasing use of phrases like machine learning and artificial intelligence in the business world, you will definitely want to take advantage of a free webinar on September 27 between 12 and 2 pm... ([read more](#))

OCTOBER

The James R. Thompson Distinguished Lecture Series

Event Date: October, 2019

Event Location: Houston, Texas

The Department of Statistics has established the James R. Thompson Distinguished Lecture Series in Statistics to honor the life and contributions of Professor Jim Thompson. The goal of the series is to bring to campus internationally recognized scholars in the field of statistics to deliver talks... ([read more](#))

DAE 2019 Conference

Event Date: Oct. 17-19, 2019

Event Location: Knoxville, Tennessee

The purpose of the Design and Analysis of Experiments (DAE) conference series is to provide support and encouragement to junior researchers in the field of design and analysis of experiments, and to stimulate interest in topics of practical relevance to science and industry. The meetings also... ([read more](#))

NISS Academic Affiliate Meet-up: Applying for a Statistics Research Grant: Essential Tips for Success

Event Date: October 31, 2019 1-2 pm ET

Event Location: Online Webinar

Speakers include: Karen Messer, UC San Diego and Chair of NIH BMRB study section, Yehua Li, University of California, Riverside and Sujit Ghosh, North Carolina State and Chair of ASA Committee on Funded Research. More details coming soon!

NOVEMBER

Statistics and the Life Sciences: Creating a Healthier World

Event Date: November 15, 2019

Event Location: Boston, Massachusetts,

Statistics and the Life Sciences: Creating a Healthier World is a one-day conference as part of the Boston University Dean's Symposia series. It will take place November 15, 2019, at Boston University School of Public Health. ([read more](#))

2020

NISS-Merck Meet-Up on Adaptive Trials for Drug Development

Event Date: January 15, 2020 11-12:30 pm EDT

Event Location: Virtual Meet-up

The National Institute of Statistical Science (NISS) and Merck are sponsoring a Virtual Meet-Up on Adaptive Trials for Drug Development. Adaptive clinical trials use accruing data to make changes in the ongoing trial. Changes based on early information can increase efficiency, by limiting resources... ([read more](#))

72nd Clemson University / University of Georgia Joint Statistics Colloquium

Event Date: April 16, 2020

Since 1973, the Department of Mathematical Sciences at Clemson University and the Department of Statistics at The University of Georgia have worked together to organize a joint... ([read more](#))

The 2020 Bradley Lecture

Event Date: Friday, April 24, 2020 - 3:30pm

Event Location: Athens, Georgia

To recognize the professional accomplishments of the late Professor Ralph Bradley, the Department of Statistics at the University of Georgia has been organizing an annual "Bradley Lecture" since 1993. The first Bradley Lecture held in 1993 featured Professors C. R. Rao and Ralph Bradley as speakers... ([read more](#))

2020 Quality and Productivity Research Conference

Event Date: June 8 - June 11, 2020

Event Location: Tallahassee, Florida,

Researchers from academia, industry, and government are invited to participate, exchange ideas, organize sessions, and present their research related to the spirit of Quality and Productivity Research Conference (QPRC). This will be the 37th Annual Quality and Productivity Research Conference.... ([read more](#))

Check the [NISS Events webpage](#) for up to date event information!

AFFILIATES IN THE NEWS!

NISS



The Department of Statistics will be celebrating its 50th Anniversary on September 20th and 21st in Ann Arbor, Michigan! There will be talks led by former professors and alumni, as well as panel discussions on a wide range of topics.

Congratulations on 50 years as a department!

Read more in the [June/July 2019 edition of the IMS Bulletin](#).

AFFILIATES! SEND YOUR JOB ANNOUNCEMENTS TO NISS!

A link to the Job Announcements page can be found at the bottom of every page of the NISS website! Share your announcement with other organizations associated with NISS or other visitors to our website.

Interested in the positions that have been posted?

Visit the [NISS Job Announcements Page](#)

Please share with Colleagues!

The National Institute of Statistical Sciences (NISS) is an organization whose mission fosters cross-disciplinary research and advocates for statistical engagement in data science.

NISS

www.NISS.org

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