

Affiliates Update

OCTOBER | 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

**NISS PROVIDES AFFILIATES ACCESS TO IMPORTANT EVENTS!
CHECK IT OUT! GET INVOLVED!**

R & SPARK: TOOLS FOR DATA SCIENCE WORKFLOWS

Sign up early! These sessions fill fast!

PLEASE NOTE! Each of the NISS Government Affiliates have been awarded **two free registrations!** Email officeadmin@niss.org to take advantage of these free registrations.

When? Monday and Tuesday, November 25-26, 2019, 9-4:30 pm

[Affiliate Award Fund Eligible, NISS Hosted]

Where? Bureau of Labor Statistics Conference and Training Center, Washington, DC

[\(read more and Register Today!\)](#)

NISS Virtual Career Fair

Sept. 26, 2019 12:00 - 1:45 EDT

for NISS Affiliates



CAREER PATHS FOR STATISTICIANS HIGHLIGHTED AT FIRST NISS VIRTUAL CAREER FAIR FOR NISS AFFILIATES

Weren't able to attend? [A recording of the event is being shared with NISS Affiliates.](#) Industry NISS Affiliates shared information about positions available, skills required and advice for candidates.

OCTOBER

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 BMRD study section, Yehua Li, University of California, Riverside and Sujit Ghosh, North Carolina State and Chair of ASA Committee on Funded Research. ... ([read more](#))

NOVEMBER

Evolutionary Dynamics in Cancer

Event Date: November 4 - November 6, 2019
Event Location: Columbus, Ohio

All MBI events are free and open to the public so if you wish to attend please register at the MBI conference website. NISS Affiliates can utilize their affiliate award funds for travel and housing expenses for these NISS co-sponsored events. Please check with your affiliate liaison or contact... ([read more](#))

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](#))

NextGen: Data Science Day

Event Date: November 16th, 2019
Event Location: Waltham, Massachusetts

Keynote Speakers Mike Tamir - Chief ML Scientist and Head of Machine Learning for SIG, UC Berkeley Data Science Faculty, and Director of Phronesis ML Labs, and Francesca Dominici - Professor of Biostatistics at the Harvard T.H. Chan School of Public Health and Co-Director of the Harvard Data Science... ([read more](#))

Digging Deeper Into p-values: NISS Webinar Follow-up with Three Authors

Event Date: November 19, 2019 - 12-2:00 pm (ET)
Event Location: Online Webinar

In 2017 the ASA published the statement, "The ASA's Statement on p-Values: Context, Process, and Purpose". Since that time, many statisticians have been thinking and writing about alternatives to the traditional p-value. This work culminated in the publication of a special edition of the American... ([read more](#))

R & Spark: Tools for Data Science Workflows

Event Date: Monday and Tuesday, November 25-26, 2019, 9-4:30 pm
Event Location: Washington, District of Columbia

R is a flexible, extensible statistical computing environment, but it is limited to single-core execution. Spark is a distributed computing environment which treats R as a first-class programming language. This course introduces data structures in R and their use in functional programming... ([read more](#))

JANUARY

13th International Conference on Health Policy Statistics

Event Date: January 6-8, 2020
Event Location: San Diego, California

The theme for the 13th International Conference on Health Policy Statistics is Leveraging Data to Shape the Future. Overview The multidisciplinary nature of health services, policy, and outcomes research and the significant reliance on generating evidence in this field have created a major need for... ([read more](#))

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](#))

MARCH

7th NOGGINS Workshop

Event Date: March 27, 2020
Event Location: Athens, Georgia

The functional Magnetic Resonance Imaging (fMRI) data analysis group of the University of Georgia Department of Statistics will host the seventh NOGGINS (Network of Greater Georgia Institutions for Neuroimaging and Statistics) workshop on Friday, March 27, 2020. The workshop provides a forum for... ([read more](#))

APRIL

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](#))

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

UPCOMING EVENTS, CONT'D

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](#))

MAY

The 8th Workshop on Biostatistics and Bioinformatics

Event Date: May 8-10, 2020

Event Location: Atlanta, Georgia

Biostatistics and Bioinformatics have been playing a key and important role in statistics and other scientific research fields in recent years. The goal of this workshop is to stimulate research and to foster the interaction of researchers in Biostatistics & Bioinformatics research areas. The... ([read more](#))

The Statistical Methods in Imaging Conference 2020

Event Date: May 18-21, 2020

Event Location: Atlanta, Georgia

The Statistical Methods in Imaging (SMI) conference is the annual meeting of the American Statistical Association (ASA) Statistics in Imaging Section. The SMI 2020 conference invites submissions of proposals for invited oral sessions and collaborative case study sessions. Invited Oral Sessions 3... ([read more](#))

JUNE

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](#))

MULTIPLE POSTDOC / EARLY CAREER RESEARCHER POSITIONS AT NISS

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!](#)

2019-20 NISS Events | Health Data Science

Evolutionary Dynamics in Cancer
Statistics and the Life Sciences: Creating a Healthier World
13th International Conference on Health Policy Statistics
NISS-Merck Meet-Up on Adaptive Trials for Drug Development
7th Network of Greater Georgia Institutions for Neuroimaging and Statistics (NOGGINS Workshop)
13th Annual UPenn Conference on Statistical Issues in Clinical Trials
The 8th Workshop on Biostatistics and Bioinformatics
The Statistical Methods in Imaging Conference 2020

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

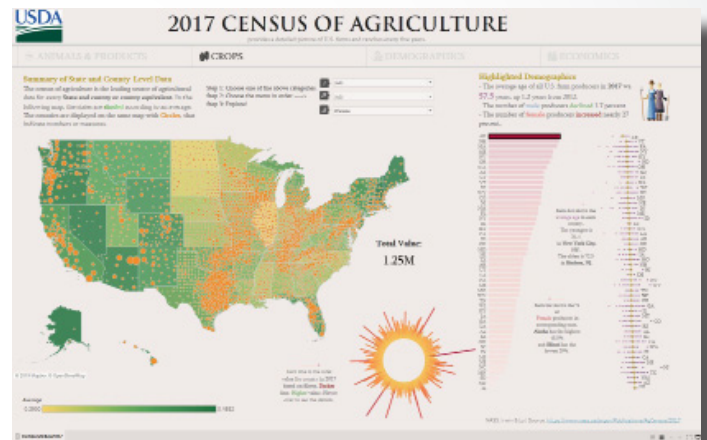
NISS RESEARCH ASSOCIATE IN THE NEWS!

NISS

RESEARCH ASSOCIATE LU CHEN GAINS 'ROOKIE OF THE YEAR' HONORS!

NISS Research Associate Lu Chen along with National Agriculture Statistic Services (NASS) colleague Irwin Anolik entered the U.S. Department of Agriculture's AgCensus Visualization Challenge an opportunity to explore AgCensus Data and create interactive visualizations. There were seventeen submissions within the USDA from both individuals and teams from six different Mission Areas. ([read more](#))

Congratulations to both Lu and Irwin! Well done!



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

For more information about the National Institute of Statistical Sciences,

CONTACT:

1750 K STREET NW, SUITE 1100, WASHINGTON, DC 20006-2306

PHONE: (202) 800-3880 | EMAIL: COMMUNICATIONS@NISS.ORG