

E-Tidings Newsletter

SCASA Events and News



Volume 12, Issue 2

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Mark Your Calendar

Inaugural

STATurday with the President

DATE: MARCH 2ND, 11AM - 12PM PST

LOCATION: [HTTPS://CPP.ZOOM.US/J/6121983675](https://cpp.zoom.us/j/6121983675)

SCASA is happy to announce our inaugural "STATurday with President" virtual meeting with our current President Anna Yu Lee, PhD, MPH.

DISCUSSION AGENDA:

1. Introductions and welcoming remarks to any potential new members; discussion of any questions they might have about participating in this year's events
2. Dates for traveling course
3. Membership drive?
4. Broader discussion of the idea of "STATurdays with the President" - invitation for ideas or questions





SHORT COURSE BY INGRID VAN KEILEGOM

CURE MODELS IN SURVIVAL ANALYSIS

MARCH 20, 2024

Short course: Cure Models in Survival Analysis

Instructor: Ingrid Van Keilegom, Professor of Statistics, KU Leuven, Belgium

Date and Time: March 20, 2024, 12:00 PM – 2:00 PM ET (9AM-11AM PT)

Location: This webinar will be taught via Zoom

Sponsor: The ASA Section on Lifetime Data Science (LiDS)

Registration Deadline: TBA

Webinar Description: When analyzing time-to-event data, it often happens that a certain fraction of the data corresponds to subjects who will never experience the event of interest. These event times are considered as infinite and the subjects are said to be cured. Survival models that take this feature into account are commonly referred to as cure models. This short course aims to review the literature on cure (regression) models in which the event time is subject to random right censoring and has a positive probability to be equal to infinity. We will focus on the existing models, methodologies for estimating the cure fraction and the survival function of the uncured subjects, appropriate tests in these models, modern software packages for cure models, as well as a number of practical examples.

Registration: <https://amstat.users.membersuite.com/events/2e04bc98-0078-cf52-7eee-0b4668a66f56/details>

Registration Fees:

Lifetime Data Science Section Members: \$20

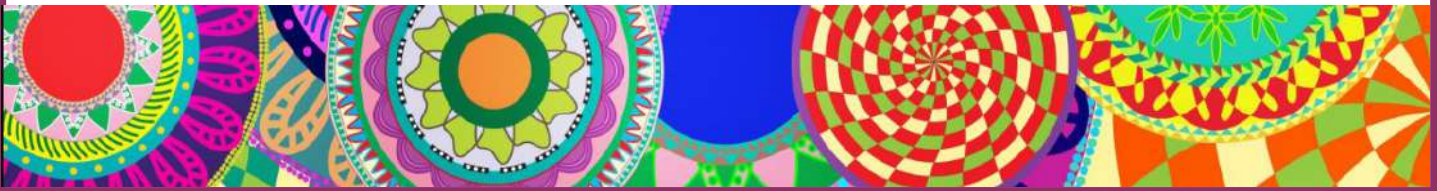
ASA Members: \$30

Student ASA Member: \$25

Nonmembers: \$45

Access Information

After registering, you will receive a confirmation email. In the body of the confirmation email, you will receive the Zoom link for the webinar.



2024 ASA Careers Day & High School Poster Competition

March 30th, 2024; 9:00 am to 1:30 pm

UCI, Irvine, CA

Call for volunteers as exhibitors & mock interviewers

By Xingyu Gao, Vice President of Professional Affairs - OCLBASA

The OCLBASA will be hosting the next Careers Day on Saturday, March 30th, at UCI. Additionally, this event, while still intended for college students and professionals, will be combined with our annual High School Poster Competition.

Careers Day is an excellent opportunity for southern California professionals to volunteer just a few hours to help 150+ students and professionals in transition explore and advance their careers in the use of statistics. Bring your students and/or come for the opportunity to network with your Southern California colleagues!

9 AM -12 PM Poster Competition, Exhibitors, Mock Interviews (Concurrent)
12 PM-1 PM Chapter Announcements and Keynote Speaker
1 PM -1:15 PM Poster Competition Awards

Exhibitors Exhibitors representing their employers, or their academic departments staff a table for 3 hours between 9:00 and noon. Exhibitors are provided with tables and chairs. We will make you a sign if you don't have your own. Some exhibitors bring tablecloths, stand-up displays, brochures, tchotchkes, etc. while others just bring themselves. Exhibitors provide help/information to students and professionals in transition. They typically chat with 50-75 students one-on-one and in small groups at their exhibitor tables to critique resumes, provide industry background, and answer questions. Exhibitors with job openings are welcome to collect resumes. Professional recruiters are welcome but the participation fee is \$250. No fee is required from other exhibitors.

Mock Interviewers Individuals from pharma/healthcare, database management, modeling, business analytics, and data science each conduct up to six, 30-minute-long mock applicant interviews. These individuals should be experienced in the evaluations of applicants.

Students/Applicants will be asked to pick a specific entry-level position (in business analytics, pharma/healthcare, or data science). Interview content is up to the interviewer but may include skills, strengths & weaknesses, and career/academic objectives.

Please volunteer by contacting Xingyu Gao at xingyu_gao@edwards.com or 408-656-2419, and/or Lindsay Younis at lindsayb6204@gmail.com. Please provide your contact information, a sentence or two on the type of work you do and your company, and indicate if you'd like to be an exhibitor, mock interviewer, or both. Please send the name and contact information of those who will attend on behalf of your enterprise or academic department.

We thank you in advance for your consideration! Your participation in this event will have a direct impact on the attendees as they take their first steps out of classrooms and into their statistical careers.



43rd Applied Statistics Workshop

Saturday, April 13, 2024

TOPIC: STATISTICS FOR PUBLIC POLICY

PRESENTER: JEREMY WEBER



WHEN: Saturday, April 13, 2024, 9AM - 3PM

LOCATION: <https://csulb.zoom.us/j/81532967761>

COST: Free

REGISTRATION: not required

EVENT SCHEDULE

- ◆ 9:00 AM – 9:45 AM Introduction and Overview
- ◆ 9:45 AM – 11:00 AM Session I **Big ideas: The role of statistics in public policy**
Do data ever drive a policy decision? What's different about statistics in policy vs. academic settings?
- ◆ 11:00 AM – 11:05 AM Break
- ◆ 11:05 AM – 12:00 PM Session II **'Is this a random sample?' is the wrong question: What statistical essentials must the statistically savvy policy aide wield with confidence?**
- ◆ 12:00 PM – 12:45 PM Lunch Break + presentation by the first-place winner at the SCASA Regional Data Visualization Poster Competition
- ◆ 12:45 PM – 2:30 PM Session III **Is "large" the right adjective? How can you distinguish small from large and communicate statistics to diverse policy-minded audiences?**
- ◆ 2:30 PM – 2:45 PM Q/A
- ◆ 2:45PM – 3 PM Book Raffle and Wrap-up

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WORKSHOP ABSTRACT



Using statistics in public policy settings presents challenges not commonly addressed in academic statistical training. This workshop seeks to bridge theory and practice, and not academic practice but practice with the Mayor's staff as they size up issues, consider options, and make decisions. It does so through three sessions, starting first with big-picture ideas such as the roles that statistics can play in policy decisions and how academic and policy practice can differ. The second session discusses statistical essentials important for a policy aide to wield with confidence, such as knowing the details of definitions behind the data and how to gauge the value of statistics from nonrandom samples. The third session addresses the controversial but important task of selecting and defending adjectives to convey whether a number is large or small, alarming or ignorable. The session also explains principles for communicating statistics to diverse audiences, ranging from policy wonks to high-level decision makers, so that the statistics are seen, understood, and believed.

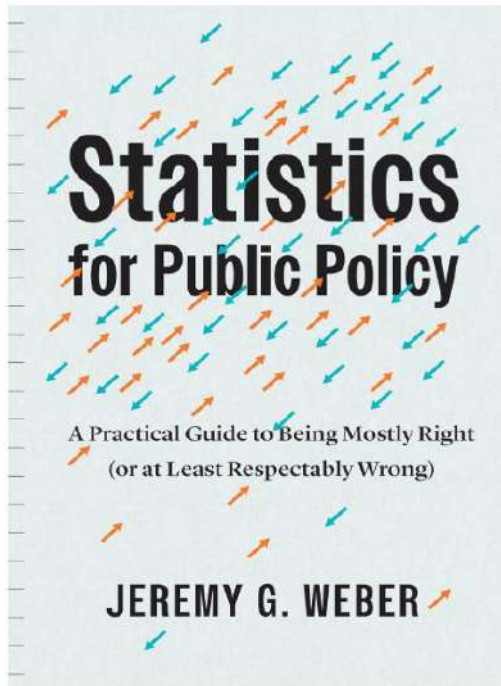
ABOUT THE PRESENTER

JEREMY WEBER is a professor at the University of Pittsburgh Graduate School of Public and International Affairs and author of "Statistics for Public Policy: A Practical Guide to Being Mostly Right (or at Least Respectably Wrong)." His teaching includes courses in quantitative methods and policy analysis, and his research addresses empirical questions in energy and environmental economics and policy. He regularly engages with non-academic audiences and has extensive policy experience, having worked as a research economist at a Federal statistical agency (the Economic Research Service) and as a chief economist at the White House (the Council of Economic Advisers).

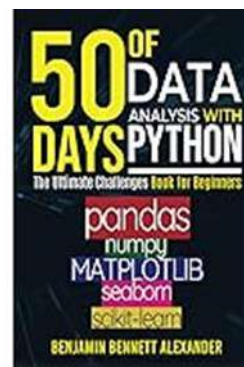
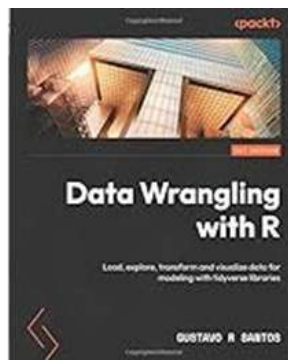
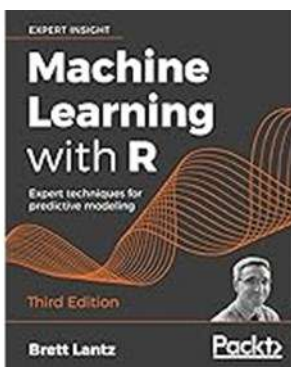
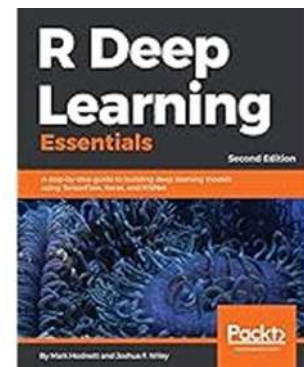
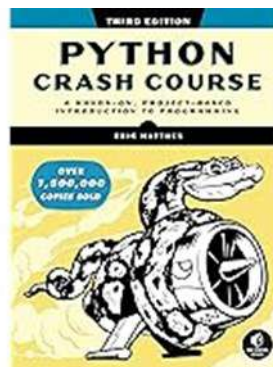
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BOOKS FOR RAFFLE (SPOILER)

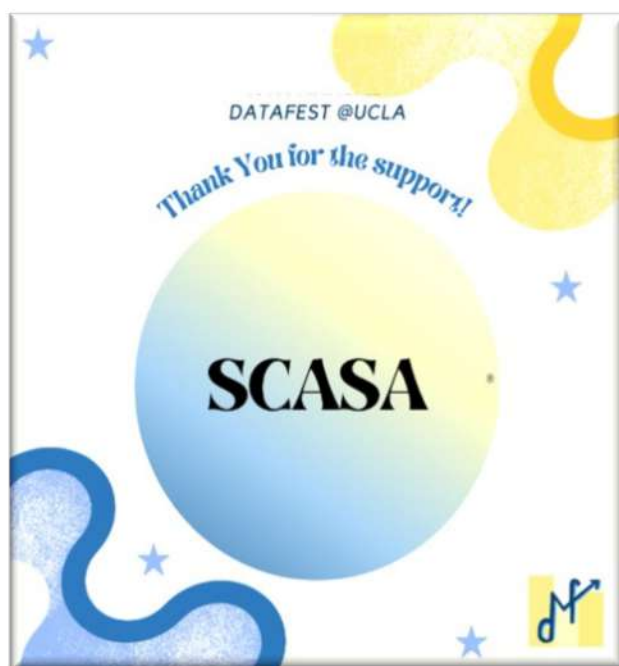


x 5 signed books !!!





The 14th ASA DataFest at UCLA 2024 will be held on April 26-28, 2024, at the UCLA Ackerman Grand Ballroom (same site as the past two years). It is a 48 hour data competition for undergraduate students which also involves the Southern California Statistics/Data Community. We are actively looking for mentors and sponsors. If you would like to be a mentor please sign up here <https://forms.gle/WkFbAcEY1GbiEuPc9>. If you know of a company willing to sponsor the event please share this site with them <https://giving.ucla.edu/datafest2024>. If you would like to be a judge or have any questions about the event please contact Dr. Linda Zanontian (DataFest organizer) at linda@stat.ucla.edu. FYI, SCASA donated \$500 this year to support DataFest at UCLA, as we try to do every year.





ISI-BUDS 2024

Are you an undergraduate student who would like to gain hands-on experience in analyzing data collected from biomedical studies to help prevent and treat various diseases? Are you curious about career options and graduate degree opportunities in biostatistics and biomedical data science? If so, UCI is now accepting applications for its Irvine Summer Institute in Biostatistics and Undergraduate Data Science ([ISI-BUDS](#)).

ISI-BUDS is a six-week summer program introducing undergraduate students to modern methodology and practice of biostatistics and data science. The program will highlight applications in cutting edge biomedical research, will train students in fundamentals of biostatistics, data science, and computing, and will culminate in a team project co-supervised by statisticians and biomedical scientists.

Support: there are no costs or fees associated with the program. Moreover, accepted participants will be provided with

- up to \$500 to cover travel expenses
- free housing that includes a meal plan
- \$1,000 stipend for incidental expenses

Application: Check your eligibility and [apply here](#).

Application due date is **March 15, 2024**.

Summer 2024 Research Opportunity for Undergraduates



UNC Charlotte is now an
NSF REU Site for
*Undergraduate Research
Experiences in Math*

\$6,000 stipend

- Work with mathematicians or statisticians on applied or theoretical research.
- Collaborate with other students on state-of-the-art problems.
- Engage in a paid ten-week summer research experience
- Stay in on-campus housing
- Participate in seminars, workshop activities, and recreational activities
- Gain professional development



Eligibility

- Undergraduate students at a university, college, or community college with a GPA of 3.0 or higher
- U.S. citizen or permanent resident
- Strong interest in mathematics or statistics
- Desire to pursue undergraduate research

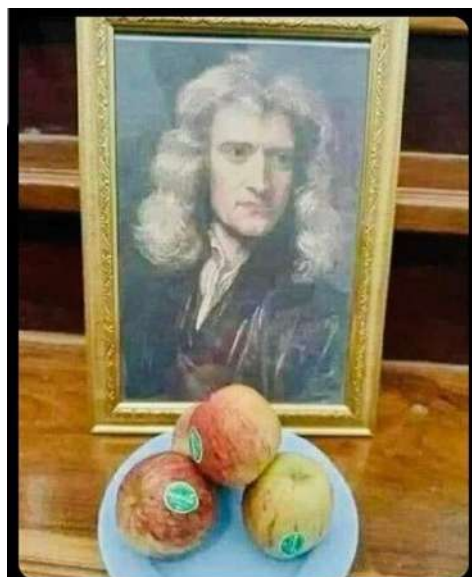


Learn the full details at:

<https://pages.charlotte.edu/mathresearch/>

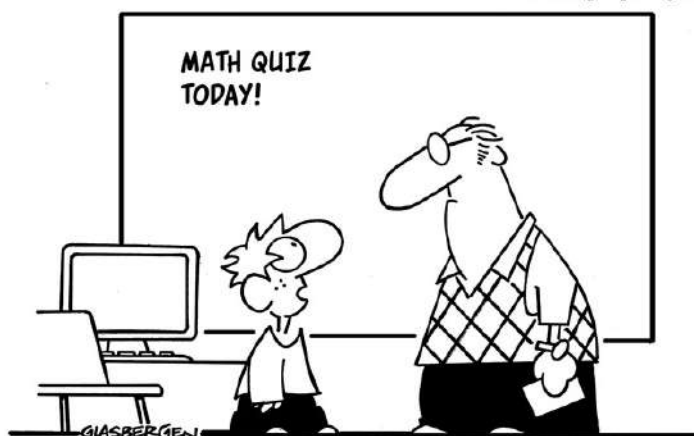
Contact: mgrabcha@charlotte.edu

Dr. Normalcurvidragon, Ph.D. presents



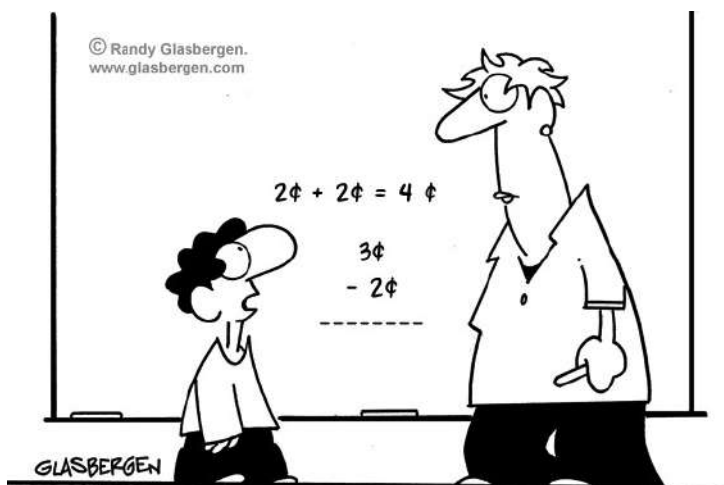
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How to pray before a physics exam



"Yes, I wrote the answers on my sleeve. It's called dressing for success!"

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"Considering my generation's share of the national debt, maybe we should use some bigger numbers."

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