

E-Tidings Newsletter



SCASA Events and News

Volume 12, Issue 1

January, 2024



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Esri User Conference

The world's largest GIS
conference

July 15–19, 2024 | San Diego, California

<https://www.esri.com/en-us/about/events/uc/overview>

GIS—Uniting Our World

Using the common language of geography, we can build inclusivity and collaboration, approach challenges holistically, and empower individuals and organizations to make a difference in the world.

Discover the Esri User Conference

Be inspired by industry leaders and your peers from around the world. Explore the Map Gallery, chat with Esri technical experts, and learn about the latest products and solutions in the Expo and Esri Showcase. Make connections and apply new insights to your own projects.

Registration Rates

Early Bird \$1,750 (ends on [January 19, 2024](#))

Standard \$2,175 (end on May 31, 2024)

Late/On-site \$2,450 (after May 31, 2024)

University Student \$150

Digital Access \$99



For agenda and details go to the event website.

2024 Lange Symposium on Computational & Statistical Genomics

University of California, Los Angeles

JANUARY 26, 2024 AT UCLA

8:30 AM - 4:00 PM

We are pleased to announce our Fourth Annual Lange Symposium. This year's topic is *Computational & Statistical Genomics*. This annual event is hosted by the UCLA Departments of Computational Medicine and Human Genetics, and supported in part by a grant from the National Human Genome Research Institute; R25 HG011845. The Annual Lange Symposium was launched in 2020 to honor UCLA Professor and National Academy of Sciences Fellow Kenneth Lange. The event celebrates the impact of Dr. Lange's research, mentorship, and teaching over the course of an illustrious career spanning more than four decades.

SPEAKERS

- Eric Chi, Rice University
- Susan Holmes, Stanford University
- Jessica Li, UCLA
- Donald Martin, North Carolina State University
- Sriram Sankararaman, UCLA
- Matthew Stevens, University of Chicago

REGISTRATION

To register, go to [HTTPS://UCLAHS.AZ1.QUALTRICS.COM/JFE/FORM/SV_0FJJHDDAVVU4ANG](https://uclahs.az1.qualtrics.com/jfe/form/sv_0fjjhddavvU4ANG)

Registration Rates: \$28 - Student, \$50 - Postdoc, Faculty, Professional

The event will be held at the **UCLA LUSKIN CONFERENCE CENTER**.

[HTTPS://LANGESYMPIUM.GITHUB.IO/LANGE-SYMPIUM/](https://langesymposium.github.io/lange-symposium/)

WEBINAR

MOVE OVER DATA SCIENCE, R IS READY FOR CLINICAL TRIALS!

DATE & TIME February 20, 2024 06:00 AM (Pacific Time) (Note: **AM**, not PM)

This webinar is ideal for SAS programmers looking to better understand how and why R is getting into Clinical Trials. For several years now, you may have heard that R graphs are easy to create and now must have read about R gaining traction in the pharma industry. This webinar is designed to answer your fundamental questions and to explain how R transforms the way we review and analyze clinical data. We will also discuss some of the challenges in R programming.

PRESENTER Sunil Gupta, Founder of R-Guru.com

TO REGISTER To register, please email GUPTAPROGRAMMING@GMAIL.COM

SUNIL GUPTA

Webinar Speaker

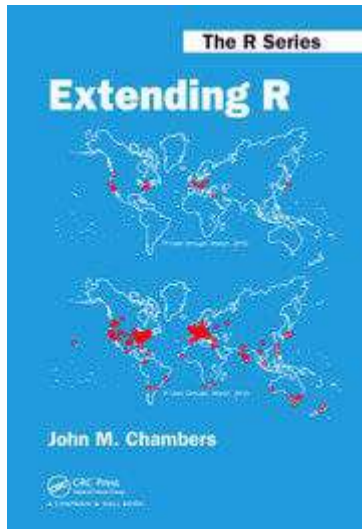
**Move over Data Science,
R is ready for Clinical Trials**

Sunil Gupta, MS, is an international speaker, best-selling author, a CDISC SME, and corporate trainer.

He has been advocating CDISC automation & standardization for over 30 years in the pharma industry.

Sunil is teaching Practical R for SAS Programmers and a CDISC online class at the University of California at San Diego and class on Data Science using SAS at UCLA and UCSD Extension.





Extending R by John Chambers

Book review by Sunil Gupta, SAS, CDISC and R Corporate Trainer and Author, Founder of R-Guru.com

<https://www.routledge.com/Extending-R/Chambers/p/book/9781498775717>

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"True to the book's name, **Extending R** is full of R history, scope, structure and applications. R enthusiasts will be happy to access the comprehensive wealth of information, explanations and examples all in one place. This unique book extends R with a separate section and chapters for each interface language. So, if you are a Python or Java programmer, for example, you can apply the programming tips to save you time when building applications.

In the advanced technical world of R, this book helps guide programmers to object-oriented programming principles, classes, methods, fields, functions and packages. Also included are data conversion sections to help with data and system migrations. **Extending R** is a reference dictionary with a glossary of terms as well as research and mathematical analysis."

~Sunil Gupta, SAS, CDISC and R Corporate Trainer and Author, Founder of R-Guru.com

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[HTTPS://CSEF.USC.EDU/](https://csef.usc.edu/)

The California Science & Engineering Fair (CSEF) is the final science fair of the academic year for students throughout the State of California in grades 6 - 12, serving California's future scientists and engineers since 1952. The fair is hosted by the California Science and Engineering Foundation.

Judging interviews of all projects in the 73rd annual California Science and Engineering Fair will be held on Tuesday, April 16, 2024. This year we expect about 900 participants from 400 schools throughout the State who will present 800 projects in competition for awards totaling over \$60,000.

Here are two types of judging which take place simultaneously at the California Science & Engineering Fair:

- **Category Awards Judging** which determines awards presented by the Fair itself, and
- **Sponsored Awards Judging** which is concerned with awards presented by organizations external to CSEF directly to the selected student.

SINCE, ASA IS NOT LONGER PARTICIPATING IN THE INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF), SCASA MEMBERS ARE ENCOURAGED TO VOLUNTEER AS JUDGES IN CATEGORIES AT CSEF IN 2024, AND START THINKING ABOUT HAVING A SPECIAL AWARD FOR STATISTICS IN 2025?

Latest News from the Fair:



Fair Date

CSEF 2024 judging will take place on Tuesday, April 16, 2024, and will be entirely online. More details to come in January.



CALL FOR JUDGES

Wednesday, March 6, 2024

online

The **Orange County Science and Engineering Fair (OCSEF)** will be virtual this year, with the science project slides available online at the OCSEF website on **March 1-5** and individual interviews on **Zoom**, on **Wednesday, March 6, 2024, from 2 to 6 pm.**

The OCLB ASA Chapter has established a **\$200 Statistics Award** for the Grade 9-12 division! The winning project will meet the following criteria:

- *The best use of statistical thinking in planning, design, and analysis.*
- *The project should demonstrate thoughtful utilization of data and statistical methods to evaluate the hypotheses and support the conclusions.*

This is an excellent opportunity for SoCal statisticians to represent the Statistics and Data Science profession to the next generation of scientists in Orange County **as we need judges.** The judging process for the OCLB Statistics Award will adopt the approach used in recent years for the ASA Special Awards in Statistics at ISEF. There will be two rounds of reviewing the online projects without the student being present followed by interviews via Zoom. In the first round, 200-300 Senior (grades 9-12) projects will be screened for the presence of key statistical factors. The 20-30 projects thus selected will be evaluated using a quantitative rubric to select about 5 for individual interviews.

There will be judging orientation sessions on Zoom starting in mid-February. To receive more information about judging for the OCLB Statistics Award go to **<https://forms.gle/JXPP71o1VdRMrKL36>**

2024 Riverside County Science and Engineering Fair (RCSEF)

Location: Riverside Convention Center

Address: 3637 5th St, Riverside, CA 92501

This form must be submitted by Thursday, February 1, 2024
Judging will take place in person on March 1, 2024

To Volunteer as a Judge at the 2024 RCSEF

[2024 RCSEF - JUDGE REGISTRATION FORM](#)

A RCSEF Judge must have one of the following qualifications:

- Have a minimum of six years related /field experience beyond receiving their B.A., B.S., or Master's degree, **OR**
- Have a Ph.D., M.D., or equivalent (D.O., Ed.D., D.D.S., D.V.M., etc.), **OR**
- Is a current graduate student with more than four years of doctoral-level research experience or who is within one year of doctoral dissertation defense
- Is a current under graduate student who has less than four years of doctoral-level research experience and has been recommended by their major professor/faculty member

Who Should Attend: Judges may include university faculty and scientists, industrial engineers and scientists, representatives of private and federal research centers and agencies, medical researchers, post-doctoral fellows, and graduate students.

For more information, go to this site: [HTTPS://WWW.RCOE.US/ABOUT-US/SUPERINTENDENT/OFFICE-OF-THE-SUPERINTENDENT/COMMUNITY-ENGAGEMENT-AND-PARTNERSHIPS/STUDENT-EVENTS/SCIENCE-AND-ENGINEERING-FAIR](https://www.rcoe.us/about-us/superintendent/office-of-the-superintendent/community-engagement-and-partnerships/student-events/science-and-engineering-fair)



CALL FOR JUDGES

Wednesday, March 6,
2024

Your help is requested for judging projects at the **2024 Central Sound Regional Science Engineering Fair (CSRSEF)**. The fair will be virtual by Zoom on Mar 9, 2024. We expect at least 250 high school students and we need at least 100 judges. Virtual judging can be done from anywhere; last year we had judges participating from California, Japan, and Italy. The commitment will be about 4-5 hours. Could you help us encourage the next generation of scientists and engineers? If you can help, please register here:

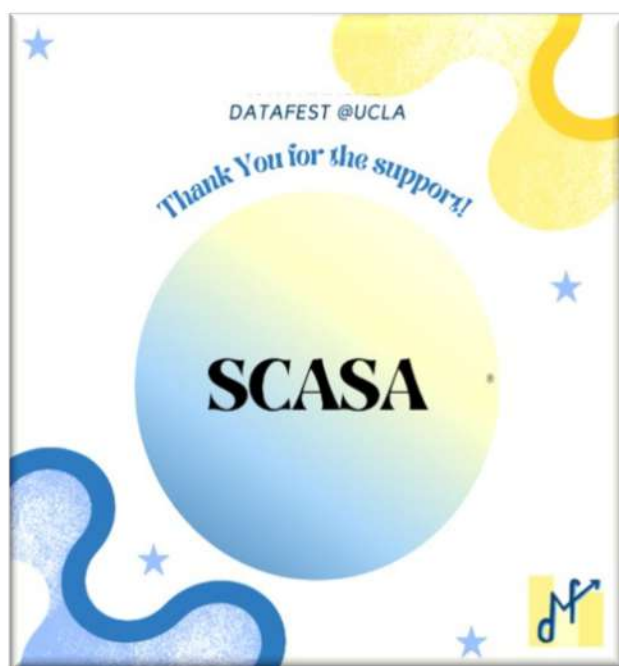
[HTTPS://CENTRALSOUNDFAIR.STEMWIZARD.COM/PUBLIC_SITE/JUDGE_REGISTER](https://centralsoundfair.stemwizard.com/public_site/judge_register)

Areas of expertise in particular need are biomedical and health sciences, mechanical engineering, computational biology, behavioral science, robotics, environmental science, and systems software.

In the fourteen years since it was started at Bellevue College, the Central Sound Regional Science Engineering Fair (CSRSEF) has showcased the cutting-edge research of over 2500 students from around the Puget Sound area. Since the first Fair in 2010, we have grown in size by 1000% to become the largest regional high school science fair in Washington. CSRSEF has also grown in quality of student research to become one of the two top science engineering fairs in the world, ranked by finalist performance at the international competition. Of the 21 Washington students competing at the 2023 Regeneron International Science Engineering Fair (ISEF), twelve originally started at CSRSEF. Of the nine Washington students who won awards at ISEF, 8 were from the Central Sound Region.



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.





2024 REU Summer Program @ UC Riverside

Experience the Full Data Science Pipeline through Research and Practice

This REU Site will expose undergraduate students recruited nationally to the full data science pipeline: from data acquisition, data modeling, to real-world applications. The program features include:

- 8 weeks experience of data science research.
- Receive \$5,600 stipend (\$700 per week).
- Housing and dining costs will be covered by the REU Site.
- Travel to/from the Site costs are reimbursable up to a maximum of \$800.
- Attend scientific seminars by UCR faculty as well as scientists/engineers from industry.
- Participate in professional development workshops and activities.
- Opportunities to present research discoveries at SoCal REU symposium and other venues.
- Participate in an open and engaging research environment.
- Enjoy various social activities and diverse and unique nature in the SoCal.

Program Website:

<https://sites.google.com/ucr.edu/ucr-ds-reu>

Dates:

- Program Dates: June 23 - August 18, 2024
- Application Deadline: **February 15, 2024**

Eligibility:

- U.S. citizens or U.S. permanent residents;
- Current undergraduate students majoring in STEM (Science, Technology, Engineering, and Mathematics);
- Have not completed an undergraduate degree prior to the completion of the summer program.

Required Documents:

- Resume
- (Un)official transcript(s)

How to Apply?

- Scan the QR code or



- Click on the application link:
<https://etap.nsf.gov/award/759/opportunity/6867>

Contacts:

- Jia Chen (jiac@ucr.edu)
- Yingzhuo Joyce Fu (joyce.fu@ucr.edu)

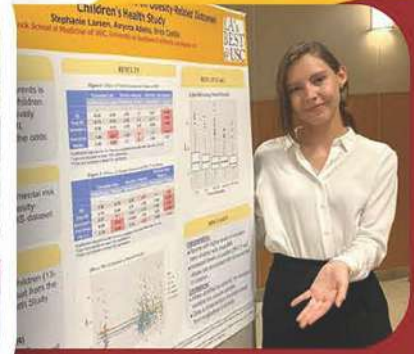


This program is supported by the National Science Foundation under grant number 2244480.



LA's BeST @USC

LA's **Biostatistics & Data Science Summer Training**
Program at the University of Southern California



Attention all mathematics, statistics, and science students seeking a summer opportunity!

What is LA's BeST @USC?

A six-week program to give students in math and science the opportunity to:

- ✓ do quantitative research in population health and medicine
- ✓ learn about careers in public health from biostatisticians, epidemiologists, data scientists and other population health experts
- ✓ get professional development training in presentation skills, the graduate school application process, and more

Tentative dates: JUNE 17 - JULY 26, 2024*

Application Period Opens Dec. 1, 2023.
Offers will be made on a rolling basis.

APPLICATIONS DUE Feb 2nd, 2024

Eligibility:

U.S. citizen or permanent resident
Completed at least 2 years of undergraduate study

What sets us apart:

- ✓ Earn College Credits
- ✓ No tuition or fees, \$3K Stipend
- ✓ Housing & Transportation covered
- ✓ Networking & Mentorship Opportunities
- ✓ Extracurricular Activities

Learn health data analysis, epidemiology, clinical trials, statistical genetics and spatial statistics for geographical modeling

Train using R, a widely used software in research
Immerse in data from groundbreaking public health research studies such as the Southern California Children's Health Study

We seek a diverse group of students interested in solving complex health issues

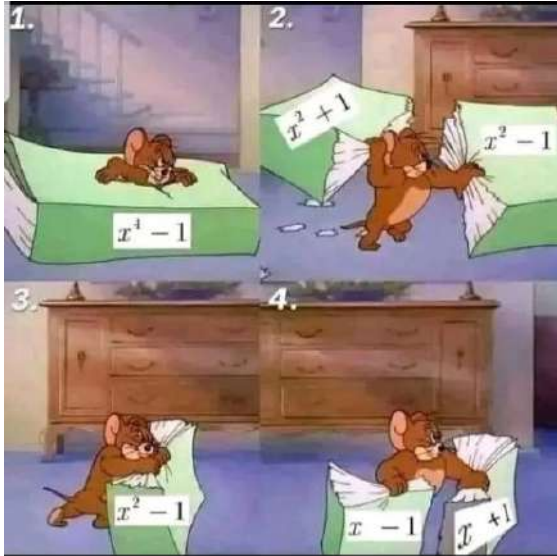
***For more information and to apply, visit:**

LASBEST.USC.EDU

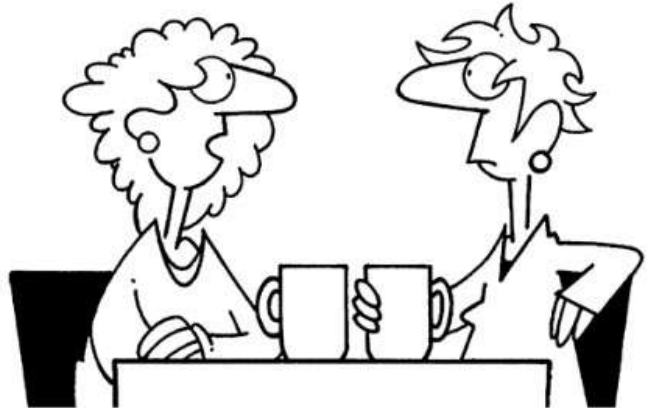
or contact Nicole Avila, LA's BeST Coordinator at nreyes@usc.edu



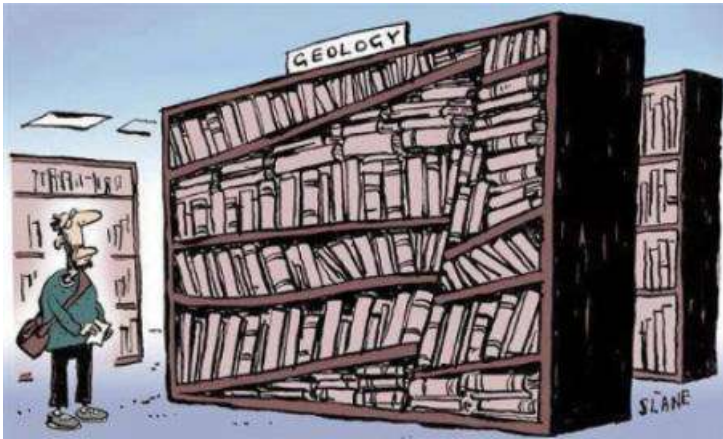
Dr. Normalcurvesaurus, Ph.D. presents



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www.glasbergen.com



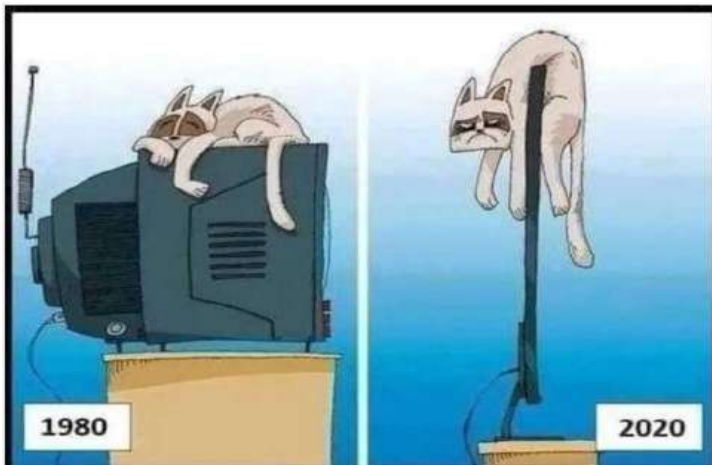
"I'd like to spend the holidays with my loved ones,
but after the third day, they're not
loved ones anymore!"



MarkParisi@aol.com 10-3
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offthemark.com

Mark
Parisi



1980

2020