



OCB-ASA Newsletter

Orange Country/Long Beach Chapter of the American Statistical Association

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Careers in Statistics Webinar Series

March 30th, 2022



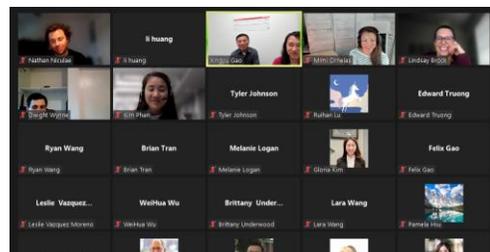
Hosted by Edwards Lifescience and the Orange County/Long Beach Chapter of the American Statistical Association (OCLBASA), the virtual career event was presented on 30 March 2022.

This is the first Careers in Statistics virtual event featuring Edwards Lifesciences. As we know that Edwards Lifesciences is the global leader in patient-focused medical innovations for structural heart disease, as well as critical care and surgical monitoring. During this event, they briefly introduced their history and culture, the career paths of current Edwards Statisticians and Statistical Programmers as well as growth opportunities within the organization. Mimi Ornelas introduced current open job positions and as well as internship in the company. 32 people attended this presentation. A live Q&A was followed.

The website for the Edwards Lifescience career: <https://www.edwards.com/careers>

The was a good and creative beginning to organize Career Event virtually. Compared to traditional in-person career event, people across county can join in less time and with no travel needed, especially during the pandemic period of time.

We are looking forward to meeting you in the next career event!!



Coming Events

Clinical Trials Using Master Protocol and Its Applications

Instructors : **Jingjing Ye, Xiaoyun (Nicole) Li, and Chengxing (Cindy) Lu**
Organizer : **Weixin Yao (Council of Chapters representative, OCLBASA)**
Date : **October 15, 2022**
Time : 9am to 1 pm
Location : TBD



2022 Orange County Biostatistics Symposium

Date : **October 14, 2022**
Location : Abbvie Auditorium, Irvine, CA (Tentative)

The focus is on the recent advances in biostatistics as it applies to life science, clinical trials and epidemiology. The Committee is requesting submission of abstracts and interest in Topic presentations.

The Abstract, schedule, registration link, and all supporting materials will be available when close to date.



2022 ASA Traveling Course

October 15th, 2022

Abstract

As the paradigm of drug development shifts to personalized medicine and targeted therapies, pool of eligible clinical trial patients becomes increasingly smaller and there is a need for rapid learning and confirmation of clinically meaningful treatment effect. Master protocol, including umbrella, basket, and platform trials, promotes innovation in clinical trials and aims at improving efficiency, avoiding duplication and competition, and accelerating the drug development process. Though master protocols used to be primarily sponsored by nonprofit organizations, academic institutes and government agencies mostly in oncology area, there is a growing trend of conducting clinical trials using master protocol in recent years from the pharmaceutical industry in oncology and other therapeutic areas. Regulatory agencies across the globe have issued guidance on master protocols. In 2018, the ASA Biopharmaceutical Section Oncology Scientific Working Group (SWG) was chartered to explore innovative statistics in oncology drug development and a sub-team on master protocol in oncology was formed. In this short course, instructors from the Oncology SWG master protocol sub-team will provide an overview on master protocol, its regulatory landscape, statistical methodologies, special statistical considerations, challenges and opportunities both statistically and operationally. The last part of this short course will include a case study of a COVID platform trial: RECOVERY Trial, with detailed illustrations on how to implement the considerations discussed in the earlier part of the short course. See below the structure of the short course:

Part 1: Overview of master protocol

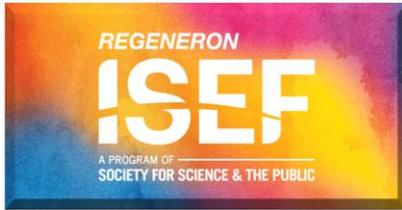
- a. Overview of master protocol: Definitions, Examples
- b. Review of Regulatory Landscape: US and Rest-of-World regulatory guidance
- c. Practical Considerations

Part 2: Novel statistical methodologies used in master protocol trials, statistical and operational consideration

Part 3: Case Study of a COVID platform trial: RECOVERY Trial

About the Instructors:

The confirmed instructors have given the short course in Deming Conference 2020 under the same title. Nicole and Cindy are the co-leads of Master Protocol sub-team under the ASA Biopharmaceutical Section Oncology Scientific Working Group (SWG) since 2018. **Jingjing, Nicole and Cindy** are the current co-leads of Joint DIA-ASA Master Protocol Working Group. The ASA WG manuscript “Practical guide and recommendations for master protocol framework: basket, umbrella and platform trials” is published on Therapeutic Innovation & Regulatory Science.



International Science and Engineering Fair (ISEF) 2022

May 7th—May 13th, 2022

Invitation to Judge!

Regeneron ISEF 2022 in Atlanta will have nearly 2,000 finalists from more than 80 countries with science projects in 21 different categories. The ASA Council of Chapters has sponsored the Special Awards in Statistics since 1987.

- These students are so brilliant and so smart it is amazing to see what they are doing!
- The projects are cutting edge. In the 75+ years of ISEF, over one dozen Grand Awards winners have gone on to win Nobel prizes.
- Their enthusiasm is contagious!

Who: The Atlanta statistics judges are looking for enthusiastic statisticians to volunteer as judges.

The Society for Science & the Public requires that judges have either a Ph.D. in statistics or a related field, or a master's degree and 6 years or more experience in statistics or a related field.

Please go to <https://bit.ly/ISEF2022StatJudges> to sign up.

- **Sign up soon! Hard and Fast Deadline for ISEF background check is April 15**

Where: In 2022, the competition will take place **virtually** in order to keep the finalists, volunteers, judges and staff safe during the ongoing coronavirus pandemic.

The Good News: No Traffic!!! 😊 No long walking between projects!! More time to meet for coffee!

What's New? Virtual Coffee Hours and Happy Hours with breakout rooms!

When: **** Alert!! Dates Changed!! ****

April 28-30: Round 1 Screen all 1800+ projects; Round 2 Review ~ 150 projects selected in Round 1

May 2: Arrange Virtual Interview Appointments for top 10-15 projects

May 1-2: Interview Judge Teams Pre-review Projects Scheduled for Interviews

May 4-5,9: Round 3: Interview ~10-15 Projects selected in Round 2

- **You can participate in all 3 rounds or select just the round(s) that work for you**
- **You do not need to participate every day; select just the times and days that fit your schedule.**
- **You do not need to participate all day; select just the times that fit your schedule.**

Sign up: <https://bit.ly/ISEF2022StatJudges> Questions? Please contact

madeline_bauer@earthlink.net.

Phastar Life Science Summit 2022

May 31st & June 1st 2022



Phastar will be proud to present Phastar's Life Science Summit on the 31st May and 1st June 2022. Last year, in PLSS 2021, 709 attendees from over 25 different countries and 34 presentations across three different tracks contributed a successful virtual event during Covid-19 pandemic period.

In this year, focusing on developing and delivering statistical and data science excellence with engaging discussions and presentation from industry experts and academic leader, the main topic will include COVID-19, statistics in clinical trials, data science and its application. As a **free-to-attend completely virtual two-day event**, PLSS 2022 will provide a unique platform which connects audiences of the information and contacts they need to build successful career in healthcare life science.

Submissions are now open until the 19th April for the following types of presentation:

- Statistics and Data Science – talks will be 30 minutes long including time for questions
- Rising Analytical Leaders – talks will be 20 minutes long including time for questions
- Poster presentations – which will be displayed during the coffee breaks where attendees will have the opportunity to chat to poster presenters about their work

If you are interested in this event, you can contact PLSS@phastr.com



SCASA Annual Applied Statistics Workshop

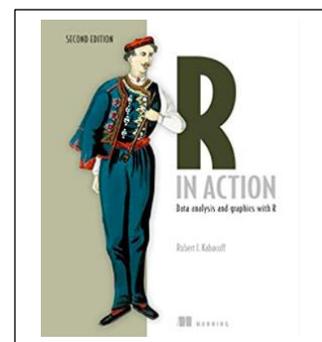
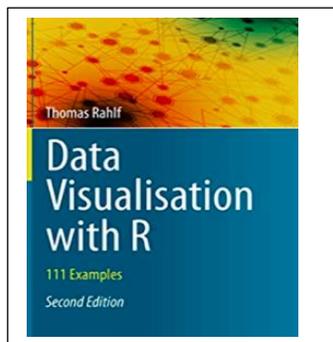
April 23rd, 2022

SCASA will organize 41st annual Applied Statistics Workshop on Saturday, April 23, 2022, via Zoom. It will be a free event, and registration is not required.

Topic: Data Visualization with R

Presenter: Dr: Robert Kabacoff

Professor of the Practice in Quantitative Analysis,
at Wesleyan University, Connecticut



About the Presenter: Dr. Kabacoff received a B.S. degree in Psychology from the University of Connecticut, and a Ph.D. in Clinical Psychology from the University of Missouri - St. Louis. He held a postdoctoral fellowship at Brown University Medical School. At Wesleyan University he teaches courses in applied data analysis, machine learning, pattern recognition, data journalism, and statistical software development. Dr. Kabacoff is a data scientist with more than 30 years of experience in multivariate statistical methods, data visualization, predictive analytics, and psychometrics. A widely recognized expert in statistical programming, he is the author of three books: **R in Action: Data Analysis and Graphics with R**, **Data Visualization with R** (an open source textbook), and **Evaluating Research Articles from Start to Finish**. He is also a founder of a popular website called **Quick-R**, for rapidly learning the R language. More information will be posted on our website <https://community.amstat.org/scasa/home> within the next couple of weeks. Abstract, schedule, zoom link, and all supporting R files will be available for download. An additional email will go out closer to the date.