Invited Sessions

1. DATA SCIENCE CAREERS: FLEXIBILITY AND DOMAIN TRANSFER
2. CROSS-POLLINATION AMONG THE DATA PROFESSIONS
3. ROUND TABLE ON SOFTWARE FOR TEACHING DATA SCIENCE AND STATISTICS
Session One:

DATA SCIENCE CAREERS: FLEXIBILITY AND DOMAIN TRANSFER

+ **Will Thompson**  
  Staff Machine Learning Scientist, NLP, Tempus Labs  
  "From Trading to Healthcare Startup: Career Paths in Data Science"

+ **Sam Havens**  
  Director of NLP Engineering, Writer  
  "Careers are Long: Transfer Learning for Humans and Machines"

John W. Tukey claimed that statisticians got to play in everyone else’s backyard, but in today’s economy this is even more true of data scientists. Meet two experts in natural language processing (NLP) who discuss flexibility and domain transfer as part of an enriched career path in data science. Finance and quantitative trading, healthcare, and software development are among the industries toured.

This Mini-State-of-Data-Science session will also feature an update on Data Science Education in Nevada. We will learn about the UNR College of Engineering’s Big Data minor, and the Data Analyst Certificate program being offered by Nevada community colleges and other institutions through NCLab’s e-learning platform.
Session Two:

DATA SCIENCE CAREERS: CROSS-POLLINATION AMONG THE DATA PROFESSIONS

+ Daniel B. Wright, Kimberly M. Jennison, and Kelley R. Wheeler
  College of Education, University of Nevada, Las Vegas
  “What is Psychometrics”

+ Juli Petereit
  Director, Nevada Bioinformatics Center; and Co-Director, Data Science Core for Biomedical Research, NIH IDeA NV INBRE, University of Nevada, Reno
  “What is Bioinformatics”

Statistics and data science are not the only data professions, though many allied fields have sufficient overlap to provide fruitful interchanges among them. Learn about two in particular: psychometrics and bioinformatics, from Nevada’s leaders in these fields. The NV-ASA President will serve as discussant and show how findings in these fields (plus econometrics) have influenced his career in biostatistics. Perhaps you will learn something unexpected that you can use in your work!
Can we teach our students statistical concepts and provide them with marketable programming/software skills at the same time? What software skills are trending in job postings in the last year? What are the pitfalls of using spreadsheets for data analysis, and why do people do it anyway?

Hear from panelists Julia Anderson (Cigna), Sharang Chaudhry (Wells Fargo), and Chad Cross (UNLV and alumnus of several federal government agencies). Guests from other fields will be called on to weigh in. This is an open discussion where you can contribute your views and ask questions!
INVITATION AND LOGISTICS

Please join NV-ASA for our virtual annual meeting on the Zoom platform.

Our event will also include contributed student talks and our annual business meeting.

Pre-registration and fee are required, and the zoom link and password will be provided to registrants.

This year chapter membership/renewal will be offered for a separate (but 20% discounted) fee. This is to simplify chapter membership management. NV-ASA’s partners for our annual K-12 poster competition are sadly no longer able to continue financial support, so we are raising funds for it through event and chapter membership fees.

Please consider joining the chapter, and thank you for your support!

For questions, please contact:

+ Christopher Tong 2021 NV-ASA President / email: ctong@mailaps.org

+ Chapter Website

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REGISTRATION FEES

1. Students & Postdocs, any institution: $10
2. NV-ASA Chapter members: $20
3. General attendees: (all are welcome) $30

Registration will be open between Sept. 27 until 6:00PM [PST] on Oct. 14, 2021.

Register [HERE](#)