

Mine Çetinkaya-Rundel – Candidate for North American Member of the CWS Program Committee



Candidate's statement

I am honored and delighted to be a candidate for the Program Committee of CWS. If elected, this would be my second year on the committee. Over the last year serving on the committee, I have successfully organized and contributed to invited sessions sponsored by CWS at various conferences including JSM and WSDS. In addition to CWS, I am active member of various organizations that aim to increase visibility of women and gender diversity in communities I contribute to, such as R-Ladies and R-Forwards. I have been an organizer for R-Ladies RTP and R-Ladies Edinburgh. I am also the teaching team co-lead for R-Forwards. I have previously served as the Chair of the Statistics and Data Science Education Section of the ASA and I am the Chair-Elect of the Statistical Computing Section. I believe that my experience in professional organizations as well as community leadership would be a valuable asset to CWS. If elected, I would like to continue organizing sessions at conference that bring together diverse voices. I look forward to working with you all in the future!

Current position(s)

- Professor of the Practice, Department of Statistical Science, Duke University
- Data Scientist and Professional Educator, RStudio

Degrees

- PhD in Statistics, UCLA, 2011
- MS in Statistics, UCLA, 2008
- BS in Actuarial Science, NYU, 2004

CWS activities

- 2020 - 2021 - Program committee

Other professional activities

- ASA Section on Statistical Computing, Chair-Elect, 2021
- ISBA Continuing Education Committee, 2021 - present
- ASA ABET Program Evaluator, 2021 - present
- COPSS Leadership Academy Award Selection Committee, 2020 - present
- ASA Section on Statistics and Data Science Education Mentor, 2020 - present
- ASA Section on Statistics and Data Science Education Fellows Committee, 2020 - present
- STEM + C3 LAUSD Teacher Residency Program Advisory Board, 2020 - present
- R-Forwards Education Team Lead, 2020 - present
- Preparing to Teach, Organizer, 2018 - present
- ASA DataFest Steering Committee, Co-chair, 2014 – present

Biography

Mine Çetinkaya-Rundel is Professor of the Practice at the Department of Statistical Science at Duke University and Data Scientist and Professional Educator at RStudio. Mine's work focuses on innovation in statistics and data science pedagogy, with an emphasis on computing, reproducible research, student-centered learning, and open-source education as well as pedagogical approaches for enhancing retention of women and under-represented minorities in STEM. Mine works on integrating computation into the undergraduate statistics curriculum, using reproducible research methodologies and analysis of real and complex datasets. She also organizes ASA DataFest, an annual two-day competition in which teams of undergraduate students work to reveal insights into a rich and complex dataset. Mine has been working on the OpenIntro project since its founding and as part of this project she co-authored four open-source introductory statistics textbooks. She is also the creator and maintainer of Data Science in a Box and she teaches the popular Statistics with R MOOC on Coursera. Mine is the Chair-Elect of the ASA's Section on Statistical Computing. In 2021, Mine received the Robert V. Hogg Award For Excellence in Teaching Introductory Statistics.