

2021 USCOTS

StatLit Related Workshops and Breakout Sessions

WORKSHOPS: THURSDAY JUNE 24.

W01: Community-Engaged Learning in Introductory Statistics (1/3)

11-1. Jana Asher (Slippery Rock University)

W02: Introducing Bayesian Statistical Analysis into Your Teaching

11-1. Jingchen (Monika) Hu (Vassar College) & Kevin Ross (Cal Poly)

W03*: *Improving the Presentation of Visual Information - All Things Gestalt*

11-1. Christopher Malone, Tisha Hooks, & Todd Iverson (Winona State University)

W04: Teaching Bayesian Statistics at the Undergraduate Level

1:30-3:30. Mine Dogucu, Alicia Johnson, & Miles Ott

WORKSHOP: FRIDAY JUNE 25. 4:00 pm – 6:00 pm ET

W11*: *The Role of Concept Images in Developing Statistical Understanding*

Gail Burrill (Michigan State University)

WORKSHOP: SATURDAY, JUNE 26. 1:30 pm – 3:30 pm ET

W15*: *Statistical Literacy: Teaching Confounding*

Milo Schield (Augsburg College)

BREAKOUT SESSIONS: MONDAY JUNE 28. 2:30-3:45pm ET.

1B: Evaluating and Improving Textbook Examples: Race, Ethnicity, Sex, and Gender
Lauren Samuels (Vanderbilt University School of Medicine)

*1C: *Making Stats Relevant*

Dashiell (Dash) Young-Saver (*Skew The Script, KIPP Public Schools*)

1D*: *Using social justice & multivariable thinking in diverse high school classes*

Soma Roy, Josephine Louie, Emily Fagan & Jennifer Stiles

*1E: *Designing Introductory Statistics Courses for a 21st Century Demographic*

Frank Savina, Jennifer Broatch & Roxy Peck

1F: *Zombie Statistics: The Coming Apocalypse and How to Avoid It*

Laura Ziegler & Ulrike Genschel

BREAKOUT SESSIONS: TUESDAY, JUNE 29. 1:30–2:45pm ET

*2D: *Empowering Students: Adding Social Justice ... to Introductory Statistics*

Jennifer Ward & Cara Lee

*2F: *Explain Yourself! Developing Student Statistical Communication Skills*

Nicole M. Dalzell

BREAKOUT SESSIONS WEDNESDAY JUNE 30. 1:15 - 2:30 pm ET

3E: *Expanding Opportunities by Reducing Algebraic Barriers*

With Patti, Robin and Kari Lock

3G*: *Fundamentals of data visualization for education*

With Bergen, Malone & Wieczorek

THURSDAY JULY 1.

4C: *People Count Stories – Student-Centered Lessons to Promote Modeling*

1:15-2:30. Henry Kranendonk

4D: *GAISE II: K-12 Statistics and Data Science*

1:15-2:30. Bargagliotti, Franklin, Perez, Johnson & Arnold

*4F: *Oral Assessments: Building a Community of Statistical Thinkers and Speakers*

1:15-2:30. Allison Theobald & Paul Roback

* *Related to Statistical Literacy.*

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StatLit Related Birds of a Feather

Birds of a Feather: A 30 minute informal meeting to share ideas on a topic.

Tuesday June 29th, 11:15 am – 11:45 am ET

***BoF 1-01: Designing a Confounder-Based Statistical Literacy Course
With Milo Schield (Augsburg University)**

BoF 1-02: Reflective Questioning as an Assessment for Statistics
With Karen Lawrence (Mohawk College)

BoF 1-03: Teaching Statistical and Mathematical Concepts with RStudio Shiny Apps
With Shiju Zhang (St. Cloud State University)

BoF 1-04: Teaching Statistics to Large Classes Using Limited Resources: How Can We Strive for Excellence?
With Margaret MacDougall (University of Edinburgh)

BoF 1-05: Undergraduate and Graduate Students in Statistics Education
With Vimal Rao (University of Minnesota)

BoF 1-06: Using Sports to Motivate Statistics and Data Science
With Michael Schuckers (St. Lawrence University)

BoF 1-07: Value Adding: Expanding Opportunities to Nonmajors (and Majors!) through Directed Statistics
Research and Conference Experiences With Samantha Robinson (University of Arkansas)

BoF 1-08: What Next for Webwork Statistics and Data Science Problems?
With Ezra Halleck (New York City College of Technology)

Thursday July 1st, 11:15 am – 11:45 am ET

BoF 2-01: ASA SSDSE Mentoring Program in Statistics and Data Science Education
With Nicole Dalzell (Wake Forest University)

BoF 2-02: Bayesian Statistics for Undergraduates
With Allen Downey (Olin College)

BoF 2-03: Connecting with CAUSE Research
With Laura Le (University of Minnesota)

BoF 2-04: Increasing Engagement and Achievement in Elementary Statistics Courses
With Hema Gopalakrishnan (Sacred Heart University)

BoF 2-05: JSDSE: The Status and Future of the Journal
With Jeff Witmer (Oberlin College)

** BoF 2-06: Staying Focused on GAISE in Textbook Selection
With Beverly Wood & John Griffith (Embry-Riddle Aeronautical University)*

** BoF 2-07: The Last Big Thing...
With Roxy Peck (Cal Poly, Retired)*

BoF 2-08: Voting/Polling in the Classroom
With Sher Chhetri (University of South Carolina)

BoF 2-09: What mathematics should be required for statistics and data science majors?
With Michael D. Larsen (Saint Michael's College)

* BOF that are closely tied to statistical literacy.