



BigSurv23 Program (Updated October 26, 2023)

Please note that the program is subject to change. Kindly refer to the latest updates provided at the conference website.

All academic events will take place at the Campus of San Francisco de Quito University.

Wednesday, 25 October

11:00–19:00 REDNI Data Challenge on Chronic Childhood Malnutrition
Room: Sala de Tesorería

Thursday, 26 October

08:00–10:00 REDNI Data Challenge on Chronic Childhood Malnutrition
Room: Sala de Tesorería

10:00–10:30 REDNI Data Challenge on Chronic Childhood Malnutrition - Final Pitch
Room: Darwin 204

08:00 Shuttle will depart from Go Quito Hotel to USFQ

08:30–18:30 Arrival and Registration (Room: Da Vinci Hall)

09:00–12:00 [Short Course 1](#): Data Integration.
Instructor: [Dr. Trivellore Raghunathan \(“Raghu”\)](#)
Room: Sala de Cancillería
[Short Course 2](#): Fundamentals of Data Science
Instructor: [Dr. Juan Esteban Díaz Leiva](#)
Room: Hayek 216

12:00–13:00 Lunch (on your own)

13:00–16:00 [Training Session](#): Hands-on training to select a two-stage gridded population sample using free, user-friendly tools.
Trainers: [Dr. Dana R Thomson](#) & [Dr. Dale Rhoda](#)
Room: Sala de Cancillería
[Short Course 3](#): Unlocking the Superpowers of Advanced Machine Learning Models for Social Scientists: From Lassos to Boosts to Nets!
Instructors: [Dr. Trent D Buskirk](#) and [Dr. Adam Eck](#)
Room: Hayek 216

Thursday, 26 October

- 16:00 Shuttle will depart from GoQuito Hotel to USFQ
- 17:00–18:45 Welcome and Opening [Plenary Panel](#): My Chatbot is Hallucinating about your Digital Trace. A discussion about the future of computational social sciences in the era of AI.
Room: Salón Azul, USFQ
Moderator: [Dr. Craig Hill \(RTI\)](#)
Panelists: Dr. Emily Hadley (RTI)
Dr. Jan Höhne (Leibniz University Hannover)
Dr. Ellie Graeden (Georgetown University)
Dr. Josh Pasek (University of Michigan)
- 18:45–20:00 BigSurv23 Inaugural Event and Welcome Reception
Guests: Dr. Ana Lucía Córdova (USFQ and Chair of the BigSurv23 Scientific Committee)
Dr. Diego Quiroga (Rector, USFQ)
Dr. Vianna Maina (Ministry of Telecommunications of Ecuador)
Room: Da Vinci Hall, USFQ
- 20:00 Shuttle will depart from USFQ to GoQuito Hotel

Friday, 27 October

- 07:30 First shuttle will depart from GoQuito Hotel to USFQ
- 08:00–17:00 Registration and Information Desk (Room: Da Vinci Hall)

Poster Session (actively presented 8:30–10:00)

Room: Da Vinci Hall

Multivariate Statistical Modeling to Identify Atmospheric and Sociodemographic Variables Associated with Covid-19 in the City of Guayaquil

Professor Jhon Peña (ESPOL – Escuela Politécnica del Litoral) - Presenting Author
Dr Sergio Bauz (ESPOL – Escuela Politécnica del Litoral)
Dr Johny Pambabay (ESPOL – Escuela Politécnica del Litoral)
Professor Cesar Menendez (ESPOL – Escuela Politécnica del Litoral)

Statistical Learning Methods to Estimate Sales Forecasts for Products that Affect the Supply Chain of a Mass Consumption Company in the City of Guayaquil

Francisco Morales (ESPOL – Escuela Politécnica del Litoral) - Presenting Author
Sergio Baúz (ESPOL – Escuela Politécnica del Litoral)
Johny Pambabay (ESPOL – Escuela Politécnica del del Litoral)

Reliable Inference from Imperfect Data

Dr Mansour Fahimi (Marketing Systems Group) - Presenting Author

Poster Session (continued)

Room: Da Vinci Hall

Optimism and Cryptoasset Ownership

Kim Huynh (Bank of Canada)

Christopher Henry (Bank of Canada) - Presenting Author

David Jacho-Chavez (Emory University, USA)

Gabriela Coadá (Emory University, USA)

Constructing countries' production network from administrative data. A company level scale

Johana Belén Duchi Tipán (Data Hub, USFQ) – Presenting Author

Daniel Antonio De Howitt Guerrero (Data Hub, USFQ)

Bryan Johao Salas Cedeño (Data Hub, USFQ)

Understanding national and local electoral dynamics computationally in Ecuador

Kristian Said Mendoza Flores (Data Hub, USFQ) – Presenting Author

D'hamar Elizabeth Agudelo Moreno (Data Hub, USFQ)

André Nicolás Sarmiento Acuña (Data Hub, USFQ)

Recommending the path towards academic collaboration

Carlos Antonio Ayala Tipán (Escuela Politécnica Nacional)

Hand Gesture Recognition with Transformers

Luis Gabriel Macías Santillán (Escuela Politécnica Nacional)

NextGoal Route Sequence for Next Segment Recommendation

Marco Esteban Aguirre Rojas (Escuela Politécnica Nacional)

Detection of weak signals using transformers for Strategic Scanning

Alexis Adrian Miranda Carrillo (Escuela Politécnica Nacional)

CEDATOS: Applied Survey Research Methods in Ecuador. 48 years measuring Public Opinion, MR and Electoral Studies with high precision.

Polibio Córdova (CEDATOS Ecuador)

Measuring Public Opinion, Citizen Observatory to generate public policy: QUITO COMO VAMOS

Nancy Córdova (CEDATOS Ecuador)

09:00 Second shuttle will depart from GoQuito Hotel to USFQ

10:00–11:30 **Opening Keynote:** “Lessons learned from 5 years doing AI for Good” by [Dr. Juan M. Lavista Ferres](#), VP, Chief Data Scientist of the Microsoft AI for Good Lab (Virtual live presentation with Q&A)

Moderator: Trent Buskirk

Room: Salón Azul

11:30–12:00 Coffee Break

12:00–13:30 **CONCURRENT SESSIONS A**

Session 1: My "Socials" Like Your Surveys! Exploring Alignment, Consistency and Divergence of Estimates Based on Survey, Social Media and Digital Trace Data

Room: Da Vinci 128

Moderator: Dr Don Jang (NORC)

Ground Truth References for Trends Estimated from Social Media Using Automated Entity Extraction. Example of Substance Use Discussions on Reddit

Dr Georgiy Bobashev (RTI International) - Presenting Author

Mr Alexander Preiss (RTI International)

Mr Anthony Berghammer (RTI International)

Dr Mark Edlund (RTI International)

New Data Sources and Signals on Presidential Approval: Daily Indicator Based on Google Trends

Mr Bastián González-Bustamante (University of Oxford) - Presenting Author

Uncovering Hidden Alignment between Social Media Posts and Survey Responses

Professor Frederick Conrad (University of Michigan) - Presenting Author

Mr Mao Li (University of Michigan)

Professor Michael Schober (New School for Social Research)

Professor Johann Gagnon-Bartsch (University of Michigan)

Dr Robyn Ferg (Westat)

Ms Rebecca Dolgin (New School for Social Research)

Dr Paul Beatty (US Census Bureau)

Analyzing Economic Views via Twitter versus Survey Data

Professor Suzanne Linn (Penn State University)

Dr Patrick Wu (New York University)

Professor Joshua A. Tucker (New York University)

Professor Jonathan Nagler (New York University) - Presenting Author

12:00–13:30 **CONCURRENT SESSIONS A**

Session 2: Adept Adaptation: Using Auxiliary Data and Advanced Modelling Methods to Understand Missingness, Eligibility, Contact, Participation and Privacy

Room: Da Vinci 200

Moderator: Ms Jennifer Childs (U.S. Census Bureau)

Calling the Right Cases: Using Predictive Modeling to Direct Outbound Dialing Effort in an Address-Based Sample

Michael Jackson (SSRS) - Presenting Author

Todd Hughes (University of California - Los Angeles)

Cameron McPhee (SSRS)

Optimizing Data Collection Interventions Using Personalized Models

Mr Michael Duprey (RTI International) - Presenting Author

Dr Rebecca Powell (RTI International)

Dr Jerry Timbrook (RTI International)

Ms Melissa Hobbs (RTI International)

Dr Brian Burke (RTI International)

Professor Allison Aiello (Columbia University)

Ms Sarah Dean (The University of North Carolina at Chapel Hill, Carolina Population Center)

Professor Robert Hummer (The University of North Carolina at Chapel Hill, Carolina Population Center)

Predicting Future Panel Participation in AmeriSpeak Panel

Dr Stas Kolenikov (NORC) - Presenting Author

Dr Ipek Bilgen (NORC)

Dr David Dutwin (NORC)

Differential Privacy for Surveys – Things We Know and Problems that Still Need to be Solved

Mr Joerg Drechsler (Institute for Employment Research and University of Maryland) - Presenting Author

12:00–13:30 **CONCURRENT SESSIONS A**

Session 3: You Will Brag About This LAG: Modern Methods for Creating Labels, Asking Questions and Gathering Data

Room: Da Vinci 201

Moderator: Dr Mansour Fahimi (Marketing Systems Group)

Identifying Common Abortion Measurement Across Studies and Wording: A New Technique for Leveraging Historical Survey Data

Josh Pasek (University of Michigan) - Presenting Author

Session 3 (Continued)

A Conceptual Model of Labeling in Supervised Learning (with Implications for Survey Coding)

Mr Robert Chew (RTI International) - Presenting Author

A Practical Guide to (Successfully) Collect and Process Images in the Frame of Web Surveys

Ms Patricia A. Iglesias (Research and Expertise Centre for Survey Methodology) - Presenting Author

Mr Carlos Ochoa (Research and Expertise Centre for Survey Methodology)

Dr Melanie Revilla (Research and Expertise Centre for Survey Methodology & Institut Barcelona d'Estudis Internacionals)

Best Practices in Data Donation: A workflow for studies using digital data donation

Mr Thijs Carrière (Utrecht University) - Presenting Author

Dr Laura Boeschoten (Utrecht University)

Dr Heleen Janssen (University of Amsterdam)

13:30–14:45 Group Lunch (University Restaurant) - Lunch tickets available

14:45–16:15 **CONCURRENT SESSIONS B**

Session 1: Humans Chatting About Chatbots: Promises and Challenges of Large Language Models for Survey Research

Room: Da Vinci 128

Moderator: Dr Georgiy Bobashev (RTI International)

While Chatbots Have Many Answers, Do They Have Good Questions? An Experimental Study Exploring the Creation and Evaluation of Survey Questions Using Automated Chatbot Tools

Dr Trent Buskirk (Bowling Green State University) - Presenting Author

Dr Adam Eck (Oberlin College)

Dr Jerry Timbrook (RTI International)

Mr Scott Crawford (Sound Rocket)

Evaluation of GPT Models and Prompts to Create Tailored Questionnaires

Ms Zoe Padgett (Momentive.ai) - Presenting Author

Ms Laura Wronski (Momentive.ai)

Mr Sam Gutierrez (Momentive.ai)

Mr Tao Wang (Momentive.ai)

Mr Misha Yakubovskiy (Momentive.ai)

Seeing ChatGPT Through Students' Eyes: An Analysis of TikTok Data

Dr Anna-Carolina Haensch (LMU Munich) - Presenting Author

Mrs Sarah Ball (LMU Munich)

Mr Markus Herklotz (LMU Munich)

Professor Frauke Kreuter (LMU Munich)

14:45–16:15 **CONCURRENT SESSIONS B**

Session 2: What's Your Claim to FRAME? Sampling Design and Evaluation Using New Data Sources and Analytic Methods

Room: Da Vinci 200

Moderator: Cameron McPhee (SSRS)

Introducing "Designing and Implemented Gridded Population Surveys": A New Manual with Step-by-Step Tutorials

Dr Dana Thomson (University of Twente) - Presenting Author

Targeted Random Door-to-Door Sampling Design for COVID-19 Informed by Community Wastewater

Dr Katherine McLaughlin (Oregon State University) - Presenting Author

Dr Jeffrey Bethel (Oregon State University)

Dr Benjamin Dalziel (Oregon State University)

Dr Roy Haggerty (Louisiana State University)

Dr Kathryn Higley (Oregon State University)

Dr Jane Lubchenco (Oregon State University)

Dr Javier Nieto (Oregon State University)

Dr Tyler Radniecki (Oregon State University)

Dr Justin Sanders (Oregon State University)

Using Machine Learning Methods to Stratify the Household Surveys Sampling Frame

Dr William Jesús Constante Erazo (Independent Researcher) - Presenting Author

Miss Diana Carolina Simbaña Flores (Independent Researcher)

14:45–16:15 **CONCURRENT SESSIONS B**

Session 3: When the Kaleidoscope Becomes the Megaphone! New Tools and Resources for Improving Dissemination, Insights and Privacy that are Based on Multiple Data Sources

Room: Da Vinci 201

Moderator: Benjamin Williams (University of Denver)

The Social Impact Data Commons: Regional Data-Driven Decision-Making

Ms Kathryn Linehan (University of Virginia)

Dr Aaron Schroeder (University of Virginia) - Presenting Author

Data for Health Intelligence

Dr Ellie Graeden (Georgetown University) - Presenting Author

Session 3: Continued

Census Household Panel: Opportunities for Data Triangulation, Harmonization and Integration

Ms Jennifer Childs (U.S. Census Bureau) - Presenting Author

Dr Jason Fields (U.S. Census Bureau)

Dr Aleia Fobia (U.S. Census Bureau)

Ms Cassandra Logan (U.S. Census Bureau)

Dr Stephanie Coffey (U.S. Census Bureau)

Dr Jennifer Ortman (U.S. Census Bureau)

Mr David Hornick (U.S. Census Bureau)

Re-Thinking Data Policy: An Engineering-Informed Approach to Global Data Regulation

Dr Ellie Graeden (Georgetown University) - Presenting Author

16:15–16:45 Coffee Break

16:45–18:15 **CONCURRENT SESSIONS C**

Session 1: Heads AND Tails! Evaluating and Leveraging Survey and Alternate Data Sources for Improving Estimation

Room: Da Vinci 127

Moderator: Dr Aleia Fobia (U.S. Census Bureau)

Examining Latino Political Engagement and Activity on Social Media: Combining Survey Responses with Digital Trace Data

Professor Marisa Abrajano (University of California, San Diego)

Ms Marianna Garcia (UC, San Diego)

Dr Robert Vidigal (New York University)

Mr Aaron Pope (New York University)

Dr Edwin Kamau (New York University)

Professor Joshua A. Tucker (New York University)

Professor Jonathan Nagler (New York University) - Presenting Author

Measuring Vulnerability and Resilience for Small Areas

Ms Heather King (United States Census Bureau)

Ms Jennifer Childs (US Census Bureau)- Presenting Author

Using Machine Learning to Downscale Projected Land Conversion: Application to Bioenergy Expansion

Dr Robert Beach (RTI International)

Mr Graedon Martin (RTI International)

Dr Stanley Lee (RTI International)

Dr Jonathan Holt (RTI International) - Presenting Author

Estimation of Purchases with a Hybrid Survey Design

Mr Matthew Shimoda (Bank of Canada) - Presenting Author

16:45–18:15 **CONCURRENT SESSIONS C**

Session 2: Zooming in on the Reality of Working with Multiple Data Sources in Practice: A Virtual Session

Room: Da Vinci 200

Moderator: Dr Antje Kirchner (Meta)

Negativity Bias Effect in Issue Salience Transfer*

Mr Hao Hsuan Wang (Academia Sinica)

Mr You-Jian Wu (Academia Sinica) – Presenting Author

Mr Shih-Peng Wen (Academia Sinica)

Professor Ching-ching Chang (Academia Sinica)

Dr Justin Chun-ting Ho (Academia Sinica)

Dr Yu-ming Hsieh (Academia Sinica)

Impact of Environmental Features and Spatial Economic Diversity on Social Inclusion*

Dr Chan-Hoong Leong (Kantar Public) - Presenting Author

Online Media's Agenda-Setting Effect: A Method Triangulation Approach with Survey and Text Mining*

Mr Hao Hsuan Wang (Academia Sinica)

Mr Shih-Peng We (Academia Sinica)

Mr You-Jian Wu (Academia Sinica) - Presenting Author

Professor Ching-ching Chang (Academia Sinica)

Dr Justin Chun-ting Ho (Academia Sinica)

Dr Yu-ming Hsieh (Academia Sinica)

*Presentation Via Zoom

16:45–18:15 **CONCURRENT SESSIONS C**

Session 3: My Daddy is a Ballerina: Issues in Coding Occupations and Gender Identity in Surveys

Room: Da Vinci 201

Moderator: Dr Heidi Guyer (RTI International)

Trends in Gender Inclusion: A Cross-National Examination of Non-Binary Gender Options in Surveys from 2012-2022

Ms Zoe Padgett (Momentive.ai) - Presenting Author

Ms Laura Wronski (Momentive.ai)

Mr Sam Gutierrez (Momentive.ai)

Coding Occupations: Are Occupational Codes in Administrative Data Consistent with Survey Self-Reported Occupations?

Ms Ana Santiago-Vela (Federal Institute for Vocational Education and Training) - Presenting Author

Friday, 27 October (continued)

- 18:15 Shuttle A will depart from USFQ to GoQuito Hotel
Shuttle B will depart from USFQ to Colonial Quito
- 19:00–21:00 Conference Dinner at Colonial Quito
- 21:00 Shuttle will depart from Colonial Quito to GoQuito Hotel

Saturday, 28 October

- 08:00 Shuttle will depart from GoQuito Hotel to USFQ
- 08:00–17:00 Registration and Information Desk (Room: DaVinci Hall)
- 09:00–10:30 **CONCURRENT SESSIONS D**

Session 1: What Did the Robots Hear the Humans Say? Advances in Coding Survey Open-Ends Using ML Methods

Room: Da Vinci 127

Moderator: Dr Katherine McLaughlin (Oregon State University)

Machine Learning Assisted Auto-Coding Tools for Improving the Experience of Manual Coding of Real-World Big Text Data

Ms Emily Hadley (RTI International) - Presenting Author

Ms Caroline Kery (RTI International)

Mr Durk Steed (RTI International)

Ms Anna Godwin (RTI International)

Mr Ethan Ritchie (RTI International)

Mrs Donna Anderson (RTI International)

Mr Rob Chew (RTI International)

Mr Peter Baumgartner (RTI International)

Multi-Label Classification of Open-Ended Questions with BERT

Professor Matthias Schonlau (University of Waterloo)

Dr Julia Weiß (GESIS)

Mr Jan Marquardt (GESIS) - Presenting Author

Linguistic Shifts and Topic Drift: Building Adaptive Natural Language Processing Systems to Code Open-Ended Responses from Multiple Survey Rounds

Dr Sarah Staveteig Ford (U.S. State Department) - Presenting Author

Dr Jon Krosnick (Stanford University)

Dr Matthew DeBell (Stanford University)

Session 2: We Triangulated but Got a Rhombus!? Methods for Improving Insights Based on Data Combined from Multiple Sources

Room: Da Vinci 200

Moderator: Dr Ana Lucía Córdova Cazar (Universidad San Francisco de Quito)

Beware of Propensity Score Matching as a Method for the Integration of Different Data Sets

Dr Hans Kiesel (Ostbayerische Technische Hochschule Regensburg) - Presenting Author
Dr Florian Meinfelder (Otto-Friedrich-Universität Bamberg)

A Novel Methodology for Improving Applications of Modern Predictive Modeling Tools to Linked Data Sets Subject to Mismatch Error

Dr Brady West (Institute for Social Research, University of Michigan-Ann Arbor)
Dr Martin Slawski (Department of Statistics, George Mason University)
Dr Emanuel Ben-David (U.S. Census Bureau)
Dr Stas Kolenikov (NORC) - Presenting Author

Validating Matches of Electronically Reported Fishing Trips to Investigate Matching Error

Dr Benjamin Williams (University of Denver) - Presenting Author
Dr Shalima Zalsha (NORC)
Dr Lynne Stokes (Southern Methodist University)
Dr Ryan McShane (Amherst College)
Dr John Foster (NOAA Fisheries)

09:00–10:30 **CONCURRENT SESSIONS D**

Session 3: Harmonize Your Vocals! Exploring Voice Capture and Processing for Collecting Open-Ended Survey Responses

Room: Da Vinci 201

Moderator: Dr Trivellore Raghunathan (University of Michigan)

Innovating Web Probing: Comparing Text and Voice Answers to Open-Ended Probing Questions in a Smartphone Survey

Dr Jan Karem Höhne (University of Duisburg-Essen) - Presenting Author
Dr Timo Lenzner (GESIS - Leibniz Institute for the Social Sciences)
Dr Konstantin Gavras (Nesto Software GmbH)

API vs. human coder: Comparing the Performance of Speech-to-Text Transcription Using Voice Answers from a Smartphone Survey

Dr Jan Karem Höhne (University of Duisburg-Essen) - Presenting Author
Dr Timo Lenzner (GESIS - Leibniz Institute for the Social Sciences)

Assessing Performance of Survey Questions through a CARI Machine Learning Pipeline

Dr Ting Yan (Westat) - Presenting Author
Mr Anil Battalahalli (Westat)

Session 3: continued

Don't Know! Don't Care? We Should! "Don't Know" Responses in Digital and Financial Literacy Questions

Dr Christopher Henry (Bank of Canada) - Presenting Author

Dr Daniela Balutel (York University, Canada)

Dr Kim Huynh (Bank of Canada)

Dr Marcel Voia (Universite d'Orleans, France)

10:30–11:00 Coffee Break

11:00–12:30 **CONCURRENT SESSIONS E**

Session 1: Watch Out - Your Phone Answered My Survey! Processing, Compliance and Estimation Using Data Captured via Smartphone Meters and Wearable Devices

Room: Da Vinci 127

Moderator: Dr Ting Yan (Westat)

Provide or Bring Your Own Wearable Device? An assessment of compliance, adherence, and representation in a national study.

Dr Heidi Guyer (RTI International) - Presenting Author

Ms Margaret Moakley (RTI International)

Carlos Macuada (RTI International)

Professor Florian Keusch (University of Mannheim)

Professor Bella Struminskaya (Utrecht University)

Continuous Monitoring of Health and Wellness Using Wearable Sensors: New Data Source for Social Science

Dr Dorota Temple (RTI International)

Dr Meghan Hegarty-Craver (RTI International)

Dr Hope Davis-Wilson (RTI International)

Dr Edward Preble (RTI International)

Dr Jonathan Holt (RTI International) - Presenting Author

Dr Howard Walls (RTI International)

Dr David Dausch (RTI International)

Wearables Research and Analytics Platform (WRAP): Integrating wearables, surveys and monitoring systems

Dr Heidi Guyer (RTI International) - Presenting Author

Dr Eric Francisco (RTI International)

Vaughn Armbrister (RTI International)

Adam Miller (RTI International)

Mr Ben Allaire (RTI International)

Dr Vinay Tannan (RTI International)

11:00–12:30 **CONCURRENT SESSIONS E**

Session 2: Any Kinks in the Links? Exploring Data Linkage and Quality Frameworks for Modern Surveys

Room: Da Vinci 200

Moderator: Dr Jennifer Ortman (U.S. Census Bureau)

Survey Design Considerations for Data Linkage

Professor Sunshine Hillygus (Duke University) - Presenting Author

Professor Kyle Endres (University of Northern Iowa)

Supplementing Sensitive Survey Data by Leveraging Social Listening with Machine Learning Models

Heather Kitada Smalley (Willamette University)

Professor John Walker Orr (George Fox University) - Presenting Author

Burden, Benefit, Consent, and Control: Moving Beyond Privacy and Confidentiality in Attitudes about Administrative Data in Government Data Collection

Dr Aleia Fobia (US Census Bureau) - Presenting Author

Ms Jennifer Childs (US Census Bureau)

Dr Shaun Genter (US Census Bureau)

A Data Quality Scorecard to Assess a Data Source's Fitness for Use

Ms Lisa Mirel (NCSES/NSF)

Dr John Finamore (NCSES/NSF)

Dr Elizabeth Mannshardt (NCSES/NSF)

Dr Julie Banks (NORC)

Dr Don Jang (NORC) - Presenting Author

Dr Jay Breidt (NORC)

11:00–12:30 **CONCURRENT SESSIONS E**

Session 3: The Methodologists Talked with the Data Scientists, and it Wasn't Fair! Here's What to do About it!

Room: Da Vinci 201

Moderator: Dr Anna-Carolina Haensch (LMU Munich)

Assessing the Downstream Effects of Training Data Annotation Methods on Supervised Machine Learning Models

Mr Jacob Beck (LMU Munich)

Dr Stephanie Eckman (Independent)

Professor Christoph Kern (LMU Munich)

Mr Rob Chew (RTI International) - Presenting Author

Mr Bolei Ma (LMU Munich)

Professor Frauke Kreuter (LMU Munich, University of Maryland)

Session 3: continued

What If? Using Multiverse Analysis to Evaluate the Influence of Model Design Decisions on Algorithmic Fairness

Mr Jan Simson (LMU Munich) - Presenting Author
Dr Florian Pfisterer (LMU Munich)
Professor Christoph Kern (LMU Munich)

Applied Strategies for Advancing Racial Equity and Addressing Bias in Big Data Research

Ms Emily Hadley (RTI International) - Presenting Author
Ms Rachel Dungan (Academy Health)

12:30–14:00 Group Lunch (University Restaurant) - Lunch tickets available

14:00–15:30 **CONCURRENT SESSIONS F**

Session 1: I'm Biased Towards Accuracy! Advances in Evaluating and Adjusting Estimates within Finite Population Frameworks

Room: Da Vinci 200

Moderator: Professor Sunshine Hillygus (Duke University)

Rethinking the Test Set: A Finite Population Perspective

Mr Robert Chew (RTI International) - Presenting Author

The Sensitivity of Selection Bias Estimators: A Diagnostic Based on a Case Study and Simulation

Mr Santiago Gómez (Vrije Universiteit Amsterdam) - Presenting Author
Mr Dimitris Pavlopoulos (Vrije Universiteit Amsterdam)
Mr Ton De Waal (Statistics Netherlands)
Mr Reinoud Stoel (Statistics Netherlands)
Mr Arnout van Delden (Statistics Netherlands)

Composite Weighting for Hybrid Samples

Dr Mansour Fahimi (Marketing Systems Group) - Presenting Author

Session 2: Bridging Survey and Twitter Data: Methodology and Application (Organized Session)

Room: Da Vinci 128

Chair: Lisa Singh (Georgetown University)

Can We Gain Useful Knowledge of Public Opinion from Linked Twitter Data? Reweighting to Correct for Consent Bias

Michael Jackson (SSRS) - Presenting Author
Jessica Stapleton (SSRS)
Cameron McPhee (SSRS)

Session 2: continued

Comparative Topic Analysis of Tweets and Open-Ended Survey Responses on Covid-19 Vaccinations, Financial Threats, and K-12 Education

Dr Joshua Pasek (University of Michigan) - Presenting Author

Dr Leticia Bode (Georgetown University)

Dr Le Bao (Georgetown University)

Lurk More (or Less): Differential Engagement in Twitter by Sociodemographics

Dr Trivellore Raghunathan (University of Michigan)

Dr Michael Traugott (University of Michigan)

Dr Nathan Wycoff (Georgetown University)

Conversation Coverage: Comparing Topics of Conversation By Survey Respondents on Twitter and the General Twitter Population

Dr Ceren Budak (University of Michigan) - Presenting Author

Dr Lisa Singh (Georgetown University)

Yanchen Wang (Georgetown University)

14:00–15:30 CONCURRENT SESSIONS F

Session 3: Modernizing the U.S. Census Bureau's Statistical Foundation Through Enterprise Frames (Organized Session)

Room: Da Vinci 201

Chair: Dr Victoria A. Velkoff (U.S. Census Bureau)

Enterprise Frames: Creating the Infrastructure to Enable Transformation

Anthony Knapp (U.S. Census Bureau) - Presenting Author

Dr Lori Zehr (U.S. Census Bureau)

Demographic Frame: Leveraging Person-Level Data to Enhance Census and Survey Taking

Dr Jennifer Ortman (U.S. Census Bureau) - Presenting Author

Using a Demographic Frame to Potentially Enhance the American Community Survey

Ms Deliverance Bougie (U.S. Census Bureau) - Presenting Author

Obtaining Non-Employer Business Owner Data from the Demographic Frame

Mr Michael Ratcliffe (U.S. Census Bureau)

Ms Erica Marquette (U.S. Census Bureau) - Presenting Author

Demographic Frame Evaluation

Ms Aliza Kwiat (U.S. Census Bureau)

Ms Matthew Herbstritt (U.S. Census Bureau) - Presenting Author

Saturday, 28 October (Continued)

15:30–16:30 Special Networking Event

Please join us in the DaVinci Hall for a Networking event with drinks and snacks! We will start with a few short announcements and will have tables for small breakout groups, including at least one table for meetings with students and one focused on discussions of gridded population methods. We look forward to the chance to unwind and enjoy each other's company following a great few days of sessions.

16:45–17:30 **Closing Remarks and Big Announcements: Data Challenge Winners, Early Career Travel Awardee, Student Paper Award, Location of Next BigSurv!**

Trent Buskirk

Craig A. Hill

Antje Kirchner

Ellie Graeden

Stas Kolenikov

Ana Lucía Córdova Cazar

17:30 Shuttle will depart from USFQ to GoQuito Hotel

Sunday, 29 October

08:30–14:30 Colonial Quito and Middle of the World Tour