Population Association of American Conference 2022

CSDE Trainee & Fellow Involvement

Fellows

- Aja Sutton
  - Oral Presentation (Thursday)
    - **Title:** Adherence to Mask-Wearing and Trust in Government: A Bayesian Hierarchical Analysis of COVID-19 Social Behavior in the United States
    - **Session:** Drivers of COVID-19 Infection
- Neal Marquez
  - Flash Session (Thursday)
    - **Title:** Examining the Relationship Between Neighborhood and Activity Space Using Large-Scale Digital Trace Data
    - **Session:** Neighborhood Effects in an Era of Big and Small Data
  - Discussant (Thursday)
  - Oral Presentation (Friday)
    - **Title:** Racial and Ethnic Inequalities in COVID-19 Mortality Within Carceral Settings: An Analysis of Texas Prisons and Jails
    - **Session:** COVID-19: Racial and Ethnic Disparities
- Ian Kennedy
  - Flash Session (Friday)
    - **Title:** Racialized Representations of Neighborhood Quality Across 16 U.S. Metro Areas
    - **Session:** Housing Transitions, Instability, and Disparities
- Nick Irons
  - Lightning Talks
  - Poster Session (Friday)
    - **Title:** Optimal Control of the Health and Economic Impacts of COVID-19 via Nonpharmaceutical Intervention
    - **Session:** Mortality and Morbidity, COVID-19, Data and Methods
- Aasli Nur
  - Lightning Talks
  - Poster Session (Thursday)
    - **Title:** The Diffusion of Scientific Knowledge on Family Planning Behavior: When, Where, and by Whom Is Research Being Done?
    - **Session:** Fertility, Family Planning, Sexual Behavior & Reproductive Health
- Crystal Yu
  - CDWG, ABC, OFM
  - Oral Presentation (Thursday)
    - **Title:** Probabilistic County-Level Population Projections, 2020–2050
    - **Session:** Challenges Facing Small Area Forecasting
  - Oral Presentation (Thursday)
    - **Title:** Internal Migration Patterns of the Foreign-born Population in the United States, 2005–2015
    - **Session:** Immigrant Enclaves and Internal Migration
Trainees

- Zoe Pleasure
  - Lightning Talks
  - Oral Presentation (Saturday)
    - Title: Patterns in Receipt and Source of STI Testing Among Young Women and Men in the United States, 2013–2019
    - Session: Sexually Transmitted Infections, Fertility, and Reproductive Health

- Colin Baynes
  - Oral Presentation (Friday)
    - Title: Does Child Mortality Accelerate Parity Progression in High Fertility Context? Evidence From Demographic Surveillance Systems in Rural Tanzania
    - Session: High Fertility: Causes, Consequences, Variation
  - Oral Presentation (Friday)
    - Title: The Relationship Between Birth Spacing and Childhood Mortality in the Context of Fertility Decline: Evidence From Rural Tanzania, 2000–2015
    - Session: Fertility Decline and Child Outcomes in Global Perspective

- Maria Vignau Loria
  - Lightning Talks
  - Poster Session (Thursday)
    - Title: The Diffusion of Scientific Knowledge on Family Planning Behavior: When, Where, and by Whom Is Research Being Done?
    - Session: Fertility, Family Planning, Sexual Behavior & Reproductive Health

- Lizzy Pelletier
  - Oral Presentation (Thursday)
    - Title: Dynamic Earnings, Stable Benefits? An Examination of How Social Programs Respond to Household Earnings Volatility
    - Session: Poverty and Social Policy

- Aryaa Rajouria
- Ihsan Kahveci
  - Discussant
    - Session: Machine Learning Applications to Population Processes
  - Poster Session (Friday)
    - Title: Talking About the Jab: Medical Professionals’ Expressions of Vaccine Hesitancy Online
    - Session: Machine Learning Applications to Population Processes

- Courtney Allen (Lightning Talks Organizer)
  - Discussant (Thursday)
    - Session: Computational Demography, Machine Learning, and Algorithmic Bias
    - Chair: Zack Almquist

Alumni

- Flash Session: Innovative Methods in Demographic Research on Gender, Family, and Sexual Minorities
Schedule

April 6, 2022

Events

- Welcome Mixer
  - 6:00 PM - 9:00 PM

April 7, 2022

Events

- Early Career Demographers Reception
  - 6:30 PM - 8:30 PM
- Hispanic Research Mentoring Breakfast
- Applied Demography Reception
  - 7:00 PM - 9:00 PM

Presentations

- **Session:** Challenges Facing Small Area Forecasting and Estimation
  - **Time:** 8:00 AM - 9:15 AM
  - **Room:** International 1
  - **Chair:** Richelle Winkler (Michigan Technological University)
  - **Discussant:** Rebecca Tippett (UNC)
CSDE Participation:
- Title: Probabilistic County-Level Population Projections: 2020-2050
  - Who: Crystal Yu (CSDE Fellow), Adrian Raftery (CSDE Affiliate), Hana Sevcikova (CSSS), Sara Curran (CSDE Director)
- Session: Statistical and Bayesian Methods in Demography
  - Time: 8:00 AM - 9:15 AM
  - Room: International 9
  - Chair: Adrian Raftery (CSDE Affiliate)
  - Discussant: Mark Wheldon (UNPD & CSDE Alumni)
- CSDE Participation:
  - Title: Modeling Strategies for Data Synthesis in Global Health with the Estimation of Child Mortality as an Illustration
    - Who: Jon Wakefield (CSDE Affiliate & PI), Katie Wilson (UW Biostat)
  - Chair
  - Discussant
- Session: Aging, Life Course, Gender and Sexuality (Poster)
  - Time: 8:00 AM - 9:30 AM
  - Room: Marquis Ballrooms A-D (Posters)
  - CSDE Participation:
    - Title: Place of death and unmet needs at the end of life: A cross-country comparison of end of life experiences for older adults in the United States and England
      - Who: Clara Berridge (CSDE Affiliate), Hazal Ercin (CSDE Trainee), Jessica Lapham (CSDE Trainee), Melanie Martin (CSDE Affiliate)
    - Title: The Role of Income Source and Family Structure in Women's Control over Household Income in Malawi
      - Who: Vedavati Patwardhan (CSDE Trainee)
- Session: Estimates and Projections of COVID-19 Pandemic-Induced Population Change
  - Time: 9:45 AM - 11:00 AM
  - Room: International 1
  - Chair: Sara Curran (CSDE Director)
  - Discussant: Neal Marquez (CSDE Fellow)
  - CSDE Participation:
    - Chair
    - Discussant
- Session: The Environment and Population Health
  - Time: 9:45 AM - 11:00 AM
  - Room: M109
  - Chair: Victoria Sass (CSDE Trainee)
  - Discussant: Anjum Hajat (CSDE Affiliate)
  - CSDE Participation:
    - Chair
    - Discussant
    - (?) Title: Race disparities in temperature related deaths in the U.S.
      - Who: Emilio Zagheni (former CSDE Training PI)
- Session: Statistical Methods for Measurement Error and Small-Area Estimation
  - Time: 9:45 AM - 11:00 AM
  - Room: International 9
- **Chair**: Nathan Welch (UW Stat, Adrian Raftery’s student)
- **Discussant**: Heather King (Census)
- **CSDE Participation**:
  - (?) Chair

- **Session**: Statistical Modeling and Smoothing in Demography
  - **Time**: 11:30 AM - 12:45 PM
  - **Room**: International 9
  - **Chair**: Daphne Liu (UW Stat, Adrian Raftery’s student)
  - **Discussant**: Patrick Gerland (UNPD)
  - **CSDE Participation**:
    - (?) Chair
    - **Title**: Estimating the Proportion of Modern Contraceptives Supplied by the Public and Private Sectors using a Bayesian Hierarchical Penalized Spline Model
      - **Who**: Leontine Alkema (CSDE Alumni)
    - **Title**: Application of a Singular Value Decomposition-based Factorization and Parsimonious Component Model of Mortality to HIV Epidemics in Africa
      - **Who**: Sam Clark (former CSDE Affiliate), Jonathan Muir (former CSDE Trainee)

- **Session**: Computational Demography, Machine Learning, and Algorithmic Bias
  - **Time**: 2:00 PM - 3:15 PM
  - **Room**: International 9
  - **Chair**: Zack Almquist (CSDE Training Core PI)
  - **Discussant**: Courtney Allen (CSDE Trainee)
  - **CSDE Participation**:
    - Chair
    - **Discussant**
    - **Title**: Stop, in the name of COVID!
      - **Who**: Emilio Zagheni (former CSDE Training PI)
    - **Title**: FPsim: An agent-based model of family planning for informed policy decision-making
      - **Who**: Michelle O’Brien (CSDE Regional Affiliate & former CSDE Fellow)

- **Session**: Critical Approaches to Fertility and Family Planning Indicators
  - **Time**: 2:00 PM - 3:15 PM
  - **Chair**: Elisabeth Root (OSU)
  - **Discussant**: Maria Vignau Loria (CSDE Fellow)
  - **CSDE Participation**:
    - **Title**: New measures for family planning and exposure to risk of pregnancy based on sexual activity and contraceptive use data
      - **Who**: Leontine Alkema (CSDE Alumni)

- **Session**: Family, Neighborhood, and Intergenerational Mobility
  - **Time**: 2:00 PM - 3:15 PM
  - **Room**: M103
  - **Chair**: Peter Catron (CSDE Affiliate)
  - **Discussant**: Christine Schwartz (UW-Madison), Siwei Cheng (NYU)
  - **CSDE Participation**:
    - Chair

- **Flash Session**: Innovative Methods in Demographic Research on Gender, Family, and Sexual Minorities
• Time: 2:00 PM - 3:15 PM  
  • Room:  
  • Chair: Hui Liu (Michigan State University)  
  • CSDE Participation:  
    ▪ Title: Demographic Surveys and the Burden of Women’s Time: Historical Patterns, Considerations for the Future  
      ▪ Who: Claire Rothschild (CSDE Alumni)

• Poster Session: Fertility, Family Planning, Sexual Behavior and Reproductive Health  
  • Time: 2:30 PM - 4:00 PM  
  • Room: Marquis Ballrooms A-D  
  • CSDE Participation:  
    ▪ Title: Trajectories of method dissatisfaction among Kenyan women using modern, reversible contraception: A prospective cohort study  
      ▪ Who: Alison Drake (CSDE Affiliate), Barbra Richardson (UW Biostat & Global Health, Fred Hutch), Brandon Guthrie (CSDE Affiliate), Claire Rothschild (CSDE Alumni), Lisa Callegari (UW OBGYN & Health Systems & Population Health)  
    ▪ Title: Age Patterns of Contraceptive Use and Needs: A Global Comparison  
      ▪ Who: Mark Wheldon (UNPD & CSDE Alumni)  
    ▪ Title: The diffusion of scientific knowledge on family planning behavior: when, where and by whom is research being done?  
      ▪ Who: Aasli Abdi Nur (CSDE Fellow), Mari Vignau Loria (CSDE Fellow), Sara Curran (CSDE Director), Xinguang Fan (CSDE Alumni)

• Session: Poverty and Social Policy  
  • Time: 3:45 PM - 5:00 PM  
  • Room: M103  
  • Chair: Tim Slack (LSU)  
  • Discussant: Hope Harvey (Kentucky)  
  • CSDE Participation:  
    ▪ Title: Dynamic Earnings, Stable Benefits? An Examination of How Social Programs Respond to Household Earnings Volatility  
      ▪ Who: Elizabeth Pelletier (CSDE Trainee), Hilary Wething (CSDE Alumni)

• Session: Machine Learning Applications to Population Processes  
  • Time: 3:45 PM - 5:00 PM  
  • Room: International 9  
  • Chair: Ian Kennedy (CSDE Fellow)  
  • Discussant: ihsan kahveci (CSDE Trainee)  
  • CSDE Participation:  
    ▪ Chair  
    ▪ Discussant

• Session: Immigrant Enclaves and Internal Migration  
  • Time: 3:45 PM - 5:00 PM  
  • Chair: Susan Brown (UC - Irvine)  
  • Discussant: Zhenchao Qian (Brown)  
  • CSDE Participation:  
    ▪ Title: Internal Migration Patterns of the Foreign-Born Population in the U.S., 2005-2015
- **Who:** Crystal Yu (CSDE Fellow)
  - **Title:** Words on the Street: How Family and Community Factors Influence Youth Language Choice
  - **Who:** Bocheng Zhang (Student, Econ)

- **Flash Session:** Neighborhood Effects in an Era of Big and Small Data
  - **Time:** 3:45 PM - 5:00 PM
  - **Room:** International 6
  - **Chair:** Brian Levy (George Mason)
  - **CSDE Participation:**
    - **Title:** Examining the Relationship Between Neighborhood and Activity Space Using Large-Scale Digital Trace Data
    - **Who:** Neal Marquez (CSDE Fellow), Adrian Dobra (CSDE Affiliate), Adrian Raftery (CSDE Affiliate)

- **Invited Session:** The Future of Publishing in the Population Sciences
  - **Time:** 5:30 PM - 6:45 PM
  - **Room:** International 3
  - **Chair:** Mark Hayward
  - **CSDE Participation:**
    - **Who:** Sara Curran (CSDE Director)

- **Session:** Drivers of COVID-19 Infection
  - **Time:** 5:30 PM - 6:45 PM
  - **Room:** M104
  - **Chair:** Kate Choi (Western Ontario)
  - **Discussant:** Ashton Verdery (Penn State)
  - **CSDE Participation:**
    - **Title:** Adherence to Mask-Wearing and Trust in Government: A Bayesian Hierarchical Analysis of COVID-19 Social Behavior in the United States
    - **Who:** Aja Sutton (CSDE Fellow), Zack Almquest (CSDE Training Core PI)

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**April 8, 2022**

**Events**

- President’s Address
  - 5:30 PM - 7:00 PM
- Demographers of Color Reception

**Presentations**

- **Flash Session:** Poverty, Hardships, and Inequality Research
  - **Time:** 8:00 AM - 9:30 AM
  - **Room:** International 6
  - **Chair:** Colleen Heflin (Syracuse University)
  - **CSDE Participation:**
    - **Title:** Spatial Dis-Match? New Data Showing Low Wage Workers’ Residential Mobility in a Gentrifying City
- **Who:** C. Salazar; Delaney Glass (CSDE Trainee), J. L. Foster, Jennifer Romich (CSDE Affiliate), Jose Hernandez (CSDE Affiliate)

- **Poster Session:** Migration, Urbanization, Neighborhoods, Race and Ethnicity
  - **Time:** 8:00 AM - 9:30 AM
  - **Room:** Marquis Ballrooms A-D (Posters)
  - **CSDE Participation:**
    - **Title:** The Use of Security Deposits as a Residential Sorting Mechanism: A Computational Text Analysis of Craigslist Rental Listings
    - **Who:** Ian Kennedy (CSDE Fellow), Kyle Crowder (CSDE Affiliate)

- **Poster Session:** Migration, Urbanization, Neighborhoods, Race and Ethnicity
  - **Time:** 8:00 AM - 9:30 AM
  - **Room:** Marquis Ballrooms A-D (Posters)
  - **CSDE Participation:**
    - **Title:** Kin Support and Residential Mobility
    - **Who:** Kyle Crowder (CSDE Affiliate)

- **Flash Session:** Housing Transitions, Instability, and Disparities
  - **Time:** 9:45 AM - 11:15 AM
  - **Room:** International 6
  - **Chair:** Gregory Sharp, (Dartmouth College)
  - **CSDE Participation:**
    - **Title:** Segmented Information, Segregated Outcomes: Housing Affordability and Neighborhood Representation on a Voucher-Focused Online Housing Platform and Three Mainstream Alternatives
    - **Who:** Arthur Acolin (CSDE Affiliate), Ian Kennedy (CSDE Fellow), Kyle Crowder (CSDE Affiliate), Rebecca Walter (CSDE Affiliate)

- **Flash Session:** Housing Transitions, Instability, and Disparities
  - **Time:** 9:45 AM - 11:15 AM
  - **Room:** International 6
  - **Chair:** Gregory Sharp, (Dartmouth College)
  - **CSDE Participation:**
    - **Title:** Racialized Representations of Neighborhood Quality Across 16 U.S. Metro Areas
    - **Who:** Ian Kennedy (CSDE Fellow)

- **Poster Session:** Children and Youth, Intergenerational Ties, Education, Work and Economic Inequality
  - **Time:** 10:00 AM - 11:30 AM
  - **Room:** Marquis Ballrooms A-D (Posters)
  - **CSDE Participation:**
Title: Weathering Within War: Somatic Health Complaints Among Vietnamese Older Adults Exposed to Bombing and Violence as Late Adolescents in the American War
   Who: Delaney Glass (CSDE Trainee)

Poster Session: Children and Youth, Intergenerational Ties, Education, Work and Economic Inequality
   Time: 10:00 AM - 11:30 AM
   Room: Marquis Ballrooms A-D (Posters)
   CSDE Participation:
      Title: Capacity, Need, and Location: Emergency Food Programs in the Detroit Metropolitan Area
      Who: Scott Allard (CSDE Affiliate)

   Time: 11:30 AM - 12:45 PM
   Room: M104
   Chair: Alicia Riley (University of California San Francisco)
   Discussant: Flavia Andrade (University of Illinois)
   CSDE Participation:
      Title: Racial and Ethnic Inequalities in COVID-19 Mortality Within Carceral Settings: An Analysis of Texas Prisons and Jails
      Who: Neal Marquez (CSDE Fellow)

Poster Session: Mortality and Morbidity, COVID-19, Data and Methods
   Time: 2:30 PM - 4:00 PM
   Room: Marquis Ballrooms A-D (Poster)
   CSDE Participation:
      Title: Elevated Risk of Homicide-Suicide Perpetration Among Law Enforcement: A Population-Based Study Using Multiple Frames
      Who: Esteban Valencia (CSDE Alumni); M. Kernic

Poster Session: Mortality and Morbidity, COVID-19, Data and Methods
   Time: 2:30 PM - 4:00 PM
   Room: Marquis Ballrooms A-D (Poster)
   CSDE Participation:
      Title: Optimal Control of the Health and Economic Impacts of COVID-19 via Nonpharmaceutical Intervention
      Who: Adrian Raftery (CSDE Affiliate), Nicholas Irons (CSDE Fellow), Z. Harchaoui (UW Stat)

Poster Session: Mortality and Morbidity, COVID-19, Data and Methods
   Time: 2:30 PM - 4:00 PM
   Room: Marquis Ballrooms A-D (Poster)
- **CSDE Participation:**
  - **Title:** Talking About the Jab: Medical Professionals’ Expressions of Vaccine Hesitancy Online
    - **Who:** E. Spiro (UW iSchool), Ihsan Kahveci (CSDE Trainee), K. Koltai, Z. Hsiao, Zack Almquist (CSDE Training Core PI)

- **Oral Session:** Methodological Innovations in Family Planning and Contraception
  - **Time:** 3:45 PM - 5:00 PM
  - **Room:** M109
  - **Chair:** Michelle O’Brien (Bill and Melinda Gates Foundation, CSDE Alumni)
  - **Discussant:** Signe Svalfors (Stockholm University)
  - **CSDE Participation:**
    - **Title:** Bayesian Projections of Total Fertility Rate Conditional on the United Nations Sustainable Development Goals
    - **Who:** Adrian Raftery (CSDE Affiliate), D. Liu (UW Stat, Adrian’s student)

**April 9, 2022**

**Presentations**

- **Session:** Historical Demography: Methods and Application
  - **Time:** 11:00 AM - 12:15 PM
  - **Room:** M101
  - **Chair:** George Alter (Michigan)
  - **Discussant:** Trent Alexander (Michigan)
  - **CSDE Participation:**
    - **Title:** Ethno-Racial Classification and the Incorporation of European Immigrants, 1907–1940
    - **Who:** Peter Catron (CSDE Affiliate)

- **Session:** Internal Migration Trends
  - **Time:** 11:00 AM - 12:15 PM
  - **Room:** M103
  - **Chair:** Michael White (Brown)
  - **Discussant:** Lee Fiorio (CSDE Fellow)
  - **CSDE Participation:**
    - **Title:** Uncovering Migration Systems Through Spatiotemporal Tensor Co-Clustering
    - **Who:** Zack Almquist (CSDE Training Core PI)

- **Session:** International Migration Flows
  - **Time:** 12:45 PM - 2:00 PM
  - **Room:** M102
  - **Chair:** Sarah Miller (Penn State)
  - **Discussant:** Jeffery Passel (Pew)
  - **CSDE Participation:**
    - **Title:** Models of International Migration Destination Preferences
    - **Who:** Nathan Welch (UW Stat, Adrian Raftery’s student), Adrian Raftery (CSDE Affiliate)