

# Sarah E Schwartz

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*Research Assistant Professor*

*I am a statistician with a passion for facilitating research  
that is appropriate, transparent, and reproducible.*

## Academic Appointment

- 2015-present **Assistant Research Professor**, *Psychology Department, College of Education and Human Services*, Utah State University.
  - Director, The Statistical Consulting Studio
  - Instructor, graduate student quantitative methods and statistics courses
- 2013-2015 **Statistician**, *Office of Research Services, College of Education and Human Services*, Utah State University.
  - Acting Director, Office of Methodological and Data Sciences
  - Instructor, graduate student quantitative methods and statistics courses
- 2005-2013 **Statistician and Data Manager**, *Center for Epidemiology*, Utah State University.
  - Managed databases, clean data, and prepare custom datasets
  - Performed statistical analyses and prepared publications, posters, presentations, and grant submissions
  - Worked under three main grants and many co-investigators: University of Utah, BYU, Duke, John Hopkins, University of Maryland, ect.
- 2012 **Data Manager**, *Kenoi Genetics Lab*, Brigham Young University.
  - Managed databases and prepare custom datasets
- 2006-2008 **Adjunct Lecturer**, *Mathematics and Statistics Department*, Utah State University.
  - Traditional, evening, and distance courses
- 2000-2004 **High School Teacher, Math and Science**, *Mathematics and Statistics Department*, Utah State University.
  - Sky View High School, Smithfield, Utah
  - Logan River Academy, Logan, Utah

## Certificates

- 2001-2009 **Teaching License**, *Secondary Education*, State of Utah.
  - Endorsements: mathematics level 4 and chemistry

Utah State University

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## Education

- 2013-2017 **PhD: Mathetatics, Specialization in Statistics**, *Utah State University*, Logan, Utah, USA.  
 ○ TA: Lecturer and grader  
 ○ RA: Simulation programmer, Cytel Software Inc.
- 2004-2006 **MS: Statistics**, *Utah State University*, Logan, Utah, USA.  
 ○ Mentor: Dr. Chris Corcoran  
 ○ TA: Lecturer and grader  
 ○ RA: Statistician, Center for Epidemiology Studies
- 1998-2000 **BS: Math and Chem Secondary Education**, *Utah State University*, Logan, Utah, USA.  
 ○ Student Teaching: Sky View High School, Smithfield, Utah

## Awards and Honors

- 2015 **Department Academic Excellence Award**, *Mathematics and Statistics Department*, Utah State University.
- 2014 **Department Industrious Graduate Student Award**, *Mathematics and Statistics Department*, Utah State University.
- 2005 **Department Graduate Student Teacher of the Year Award**, *Mathematics and Statistics Department*, Utah State University.

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## Grants: Funded

- Sept. 2019 - **National Science Foundation: Division Of Research On Learning,**  
 Feb. 2022 *Research on the Development of An Assessment to Measure Kindergarten Children's Abilities to Reason Computationally With Mathematical Problem-Solving Skills*, Utah State University.
- Program: STEM + Computing (STEM+C) Part
  - PI: Jody Clarke Midura
  - Co-PI: Victor Raymond Lee, Jessica Shumway
  - DUNS ID: 072983455
  - Amount: \$1,120,807
- July 2008 - **National Institute of Health: National Institute on Aging, R01 Grant:**  
 June 2011 *Lifespan Stressors and Alzheimers Disease: The Cache County Study.*, Utah State University.
- Pis: Dr. Maria Norton
  - Co-PI: Dr. Joann Tschanz
  - Roll: data management and analysis
  - Amount: \$970,549 (original)
- Sept. 2002 **National Institute of Health: National Institute on Aging, R01 Grant:**  
 Sept. 2013 *Progression of Dementia, A Population Study.*, Utah State University.
- PIs: Dr. Joann Tschanz and Dr. Constantine G. Lyketsos
  - Roll: data management and analysis
  - DUNS ID: 072983455 (original)
  - Amount: \$2,787,792 (original)
  - Extended multiple times
- Sept 2000 - **National Institute of Health: National Institute on Aging, R01 Grant:**  
 Sept 2005 *Cache County Family-based Cohort Study on Aging.*, Utah State University.
- Pis: Drs John Breitner, Kathy Welch-Bohmer
  - Roll: data management and analysis
  - Amount \$1,999,400(original)
  - Extended multiple times

## Grants: Submitted or Revising

- Oct 2021 **National Science Foundation: Graduate Research Fellowships Program (GRFP), Fellowship:Risk Factors that Predict Cognitive Resilience in Older Adults at High Risk for Alzheimers Disease**, Utah State University.
- PI: Hector Gonzalez
  - Submitted
- May 2021 **ACL National Institute on Disability, Independent Living, and Rehabilitation Research: Disability and Rehabilitation Research Projects and Centers Program (DPCP21000189), The Clubhouse Model as an Intervention to Address Social Isolation and Loneliness Among People with Severe Mental Illness**, Utah State University.
- PI: Dr. Brian Phillips
  - co-PIs: DRs Sarah E Schwartz, Allison Fleming, Colleen McKay
  - Amount: \$2,715,870 (5 years)
  - Score: 82/100 (73-86)
  - Currently revising

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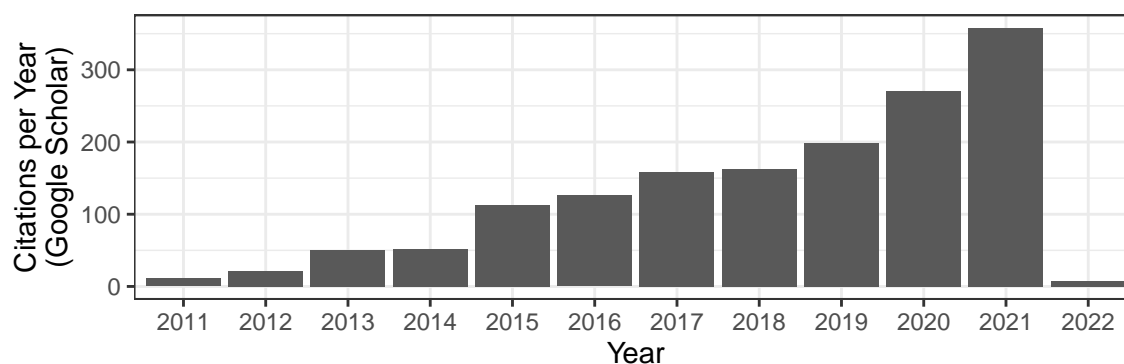
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- November 2020 **National Institute of Health: Global Brain and Nervous System Disorders Research Across the Lifespan (PAR-18-835)**, *R21 Grant: Buenas Bases: An Early Childhood Development Intervention for Children of Ecuadorian Adolescent Mothers*, Utah State University.
- PIs: Drs. Eduardo Ortiz, Lisa Boyce
  - coPIs: Drs. Ryan Seedall, Eric Reither, Sarah E Schwartz, Spencer Bradshaw, Marcela Santos, Sonia Rodrigues-Jaramillo, Patricia Ordóñez, Jill Luto
  - Amount: \$3,168,557
  - Application Number: 1 R01 HD106272-01
  - Impact Score: 50 Percentile: 45
  - Currently resubmitting
- February 2020 **National Institute of Health: National Institute of Child Health and Human Development (PA-18-482)**, *R21 Grant: The Effect of Background Noise on Reading Performance in Children with ASD*, Utah State University.
- Amount \$2,445,008 (4 years)
  - PI: Dr Maryellen McClain Verdose
  - co-PI: Drs Sarah Yoho Leopold, Sarah E Schwartz
  - Amount \$385,648 (2 years)
  - Application Number: 1 R21 HD103992-01
  - Currently resubmitting
- October 2019, **National Institute of Health: National Institute of Aging (PA-20-185)**, *R01 Grant: Response Inhibition in Reactive Balance Control*, Utah State University.
- November 2020
- PI: Dr Dave Bolton
  - co-PIs: Drs JoAnn Tschanz, Chris Warren, Sarah E Schwartz
  - Amount \$2,445,008 (4 years)
  - NIH Appl. ID: 10030557
  - Currently resubmitting

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Publications



Working Papers under Revision or Review

Refereed Journal Papers - 2022

Refereed Journal Papers - 2021

Refereed Journal Papers - 2020

Refereed Journal Papers - 2019

Refereed Journal Papers - 2018

Refereed Journal Papers - 2017 and Prior

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Papers in Refereed Conference Proceedings

Conference Presentations Coauthored

Work Not Peer Reviewed







Disertation

Online eBook

Notes

- This CV is reproducible; all the source code behind this CV is available on this GitHub repo.

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