Sarah E Schwartz

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 quantitatice 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 quantitatice 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

📱 *(435) 797 - 0169* • ✉ *Sarah.Schwartz@usu.edu*
🌐 *www.SarahSchwartzStats.com* • 🔗 *SarBearSchwartz*
🐦 *USU_StatStudio* • *SarBearSchwartz* *1/21*

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.

Software

Program Proficiencies

R, R Studio, and R Markdown (LaTeX).

- Data cleaning and wrangling, statistical analysis, and reproducible reporting

SAS, SPSS, MPlus, and G*Power.

- Data cleaning and wrangling, and statistical analysis

REDCap and Qualtrics.

- Creating forms and collecting data

Open-Source Project on GitHub

1. Schwartz, S. E. (2021). *Texreghelpr: Extract generalized regression output for use in 'texreg' tables.* https://github.com/sarbearschwartz/texreghelpr
2. Barrett, T. S., & Schwartz, S. E. (2021). *dissertateUSU: Materials for writing a dissertation at utah state university in r markdown.* https://github.com/TysonStanley/dissertateUSU

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Continuing Education

Summer 2016 **Structural Equation Modeling in Longitudinal Research**, *APA Advanced Training Institutes (ATIs)*, Arizonal State University.
- This ATI is designed to highlight recent methodological advances in the analysis of longitudinal psychological data using structural equation modeling (SEM).
- The workshop covers a range of topics, including growth models, factorial invariance, incomplete data, ordinal outcomes, and latent change score models.
- Instructors: Dr. Craig Enders , Department of Psychology at The University of California, Los Angeles, Dr. Kevin J. Grimm of the Department of Psychology at Arizona State University, and Dr. Nilam Ram of the Departments of Psychology and Communications at Stanford University.

Fall Semester 2019 **PSY 7810: Structural Equation Modeling**, *Audit granduate course*, Utah State University.
- Objective 1) understanding the motivation, logic, and inner workings of SEM
- Objective 2) be able to specify models and fit them to data using conventional statistical software
- Objective 3) have the ability to interpret and report results in a manner consistent with the standards of peer-reviewed journals
- Instructor: Dr. Sarfraz Serang

August 17, 2021 **The Probability Problem: Building Probability Skills in Intro Statistics**, *Workshop/Seminar*, Hawkes Learning.
- Focus: struggles that undergraduate students (non-STEM majors) tend to face with probability in their introductory statistics course.
- Instructional principle implemented: worked-out problems including writing prompts to encourage self-explanation of students thinking through studying the worked-out examples
- Instructor: KimberLeigh Hadfield, Senior Lecturer USU Math and Statistics Department

October 26, 2021 **A New Normal in Inclusive, Usable Online Learning Experiences**, *Workshop/Seminar*, Utah State University.
- Office of Empowering Teaching Excellence (ETE)
- Thurston, T. N., Lundstrom, K., GonzÃąlez, C., Stommel, J., Masland, L. C., Buyserie, B., ... & Eason, A. (2021). Resilient Pedagogy: Practical Teaching Strategies to Overcome Distance, Disruption, and Distraction.
- Presenters/authors: Christopher Phillips and Jared Colton

Administrative

2018-present **CEHS Office of Research**, *EDUC 6600 Pre-Test Coordinator*, Utah State University.
- Update pre-test question bank
- Moderate Student communication and answer questions.
- Setup remote test taking with advent of Covid-19 shift to online.
- Create and monitor refresher materials for test-prep
- Monitor suspisous behavior and check for cheating
- Interface with all CEHS departments on the expectations and timeline.

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Teaching Experience: Graduate Level

Fall: 2016-present

Psychology Department, *PSY 7650: Multilevel and Marginal Models*, Utah State University.

- Coverage of multilevel (ie, mixed-effects, hierarchical linear) and marginal (ie, GEE) models for both continuous and categorical outcomes.
- Includes application of these methods to many types of cross-sectional and longitudinal research designs (eg, experimental, case-control, cohort, cross-over, complex sample, randomized controlled trials).
- Software: R and R Studio
- Online eBook: all class examples with code and explainations
- Youtube: Pre-recorded lectures for course when Covid-19 induced a shift to online, asynchronous learing

Spring/Summer 2015-present

CEHS: Office of Research Services, *EDUC 6600: Statistical Foundataions (previously: Research Design and Analysis I)*, Utah State University.

- Research design and statistical concepts for research in education, human services, and psychology, with emphasis on the selection and interpretation of statistical analyses.
- Focus on inference and ANOVA based methods. Includes a combination of traditional face-to-face and distance-site students.
- Software: R and R Studio starting in 2018, SPSS prior
- Online eBook: all class examples with code and explainations
- Assignments online through Atomic Assessment within Canvas
- Youtube: Pre-recorded lectures for course when Covid-19 induced a shift to online, asynchronous learing

Teaching Experience: Undergraduate Level

Spring/Fall: 2005, 2014

Mathematics and Statistics Department, *STAT 2000: Statistical Methods*, Utah State University.

- Introduction to statistical concepts, graphical techniques, probability, distributions, estimation, one and two sample testing, chi-square tests, and simple linear regression, one-way ANOVA.
- Software: StatCrunch

2008 Spring, 2007 Spring/Fall, 2006 Fall

Mathematics and Statistics Department, *STAT 1040: Introduction to Statistics*, Utah State University.

- Descriptive and inferential statistical methods.
- Descriptive and inferential statistical methods.
- Emphasis on conceptual understanding and statistical thinking.
- Examples presented from many different areas.
- Software: none

2004 Fall

Mathematics and Statistics Department, *MATH 1050: College Algebra*, Utah State University.

- Functions: graphs, transformations, combinations, and inverses.
- Polynomial, rational, exponential, logarithmic functions, and applications.
- Systems of equations and matrices. Partial fractions.
- Software: graphing calculators

2006 Summer **Mathematics and Statistics Department**, *MATH 1010: Intermediate Algebra*, Utah State University.
- Review of introductory algebra concepts.
- Topics include manipulating and simplifying expressions, solving equations and inequalities, graphing equations, and inequalities.
- Real world applications including linear, quadratic, polynomial, rational, exponential, and radical functions.
- Software: none

███████ Teaching Experience: College-wide Workshops

All sessions target the audience of faculty, research staff, adn graduate students in the college. Starting in the Fall of 2019, the workshops were formalized to all enrollment for continuing education (1 CEU) or standard university credit (0.5 cr), in addition to the pervious a'la cart option.

Fall 2021 **Seven 1-hour sessions**, *Categorical Data Analysis*, Utah State University.
- Exact, permutation/bootstrap, and parametric methods
- GLM: Binary logistic regression
- GLM: Count outcomes: poisson regression, overdispersion, and negative binomial regression
- GLM: Zero inflated models (ZIP and ZINB)

Spring 2021 **Seven 1-hour sessions**, *Missing Data and Multiple Imputations*, Utah State University.
- Missing Data Mechanisms, Implications and Testing
- Historical Methos and Reporting Missing Data
- Multiple Imputations: basic and advanced topics

Fall 2020 **Seven 1-hour sessions**, *Extensions to Regression*, Utah State University.
- Multiple Linear Regression Refresher
- Powerful Publishable Plots: The Grammer of Graphics
- Time-to-Event Modeling: Survival Analysis
- Intro to Multileel and Marginal Modles: MLM, HLM, GEE

Spring 2020 **Seven 1-hour sessions**, *Common Design Issues*, Utah State University.
- Effect Size and Power Analysis uisng G*Power and R
- Propensity Score Matching and Alternatives
- Missing Data and Multiple Imputations

Fall 2019 **Seven 1-hour sessions**, *Extensions to Regressio*, Utah State University.
- Review of Regression (MLR and GLM), including creating tables and figures for publication
- Time-to-event/Survival Analysis: including KM plots with Log-Rank test (bivariate), Cox-PH_Regression (multivariate)
- Regularized Regression (Ridge and LASSO)
- Intro to Multileel and Marginal Modles: MLM, HLM, GEE

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2015-2020 **Two-three hour workshop**, *Stand-along Sessions*, Utah State University.
- Effect Size and Power Analysis uisng G*Power (fall 2015, fall 2017, fall 2018)
- Exact Methods for Categorical Data in SPSS, R, and StatXact (spring 2018)
- Exploring your Data with ggplot in R (spring 2016)
- GEE: General Estimating Equations (spring 2017)
- Intro to Multileel and Marginal Modles: MLM, HLM, GEE (spring 2018, spring 2019)
- Intro to R and Rstudio for Absolute Beginners (fall 2015)
- Intro to R: The Tidyverse (fall 2016)
- Logistic Regression (fall 2017)
- Missing Data and Multiple Imputations (fall 2018)
- Multiple Linear Regression Refresher in SPSS and R (spring 2018)
- Powerful Publishable Plots: The Grammer of Graphics (spring 2016, fall 2018)
- Random Forests: Classificantion and Regression Trees (spring and fall 2017, spring 2019)
- Reproducible Workflow: Intor to SPSS via syntax (spring 2018)
- Time-to-Event Modeling: Survival Analysis with SPSS and R (spring 2018, spring 2019)

━━━━━ Talks

April 13, 2021 **Invided guest lecturer**, *HDFS 7200: Special Topics Meta Analysis*, Utah State University.
- Invited by Dr. Diana Meter, instructor of the course
- Topic: Meta-analysis for single subject design studies

September 1, 2020 **Brown Bag Series: Meta-analysis**, *College of Education and Human Services, Office of Research Services*, Utah State University.
- Invited by Dr. Shawn Whiteman, CEHS Associate Dean for Research
- Topic: Meta-analysis for single subject design studies

Novermber 14, 2019 **Powerful Publishable Plots**, *College of Agriculture and Applied Sciences, Office of Research*, Utah State University.
- Invited by Dr. Abby Benninghoff to present to all college faculty.
- Topic: Best strategies for data visualization
- Also covered: Creating plots that reveal your data and communicate complex ideas with clarity and precision.

January 19, 2019 **What should I git?**, *Data Analytics Student Seminar Series*, Utah State University.
- Invited by the chapter perseident to present to the student group.
- Topic: Getting started with Git and GitHub
- Also covered using the GitKracken interface for version control and collaborative research.

Grants: Funded

Sept. 2019 - Feb. 2022 — **National Science Foundation: Division Of Research On Learning**, *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 - June 2011 — **National Institute of Health: National Institute on Aging**, *R01 Grant: 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 Sept. 2013 — **National Institute of Health: National Institute on Aging**, *R01 Grant: 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 - Sept 2005 — **National Institute of Health: National Institute on Aging**, *R01 Grant: 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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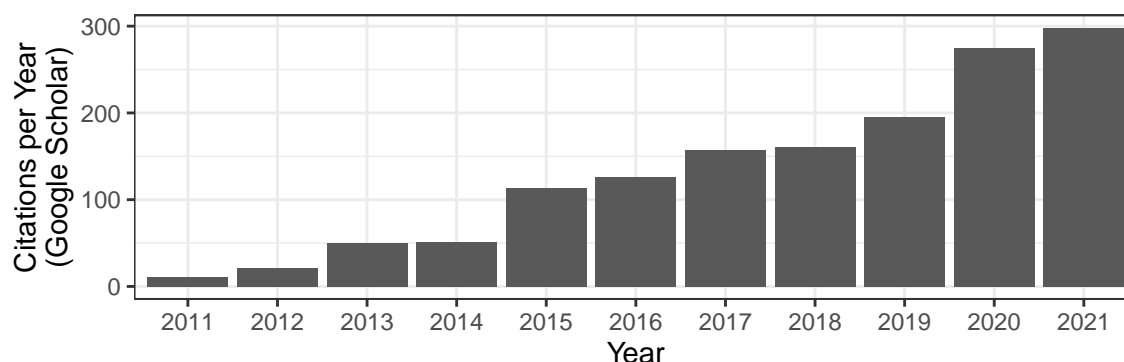🐦 *USU_StatStudio* • ⭘ *SarBearSchwartz*   *7/21*

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. Edwardo Ortiz, Lisa Boyce
- coPIs: Drs. Ryan Seedall, Eric Reither, Sarah E Schwartz, Spencer Bradshaw, Marcela Santos, Sonia Rodrigues-Jaramillo, Patricial Ordonez, Jill Luto
- Amount: $3,168,557
- Application Number: 1 R01 HD106272-01
- Impact Score:50 Percentile:45
- Currently resubmitting

Febuary 2020 **National Institute of Health: National Institute of Child Health and Human Development (PA-18-482)**, *R21 Grant: The Eect 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, November 2020 **National Institute of Health: National Institute of Aging (PA-20-185)**, *R01 Grant: Response Inhibition in Reactive Balance Control*, Utah State University.
- 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

━━━━━ Publications

Working Papers under Revision or Review

1. Fox, C., Jones, S., Gillam, S., Schwartz, S. E., & Gillam, R. B. (n.d.). Automated progress-monitoring through literate language use in narrative assessment (LLUNA). *Frontiers in Psychology*, *Technology to the Rescue: Automating Language Sample Analyses for the Assessment and Treatment of Communication Disorders across the Life-span*, Abstract accepted: October 26, 2021.

2. Fox, C. B., Jones, S., Gillam, S. L., Schwartz, S. E., & Gillam, R. (n.d.). Removing barriers to language sample analysis: Computer automated microstructure scoring (CAMS). *Computer Speech & Language*, under review: 1-20-2021.

3. Benallie, K. J., Benney, C. M., McClain, M. B., Schwartz, S. E., & Bakner, K. E. (n.d.). Life satisfaction in children with and without disabilities, to school mental health. *School Mental Health*, *under review: 2-15-2021*, manuscript ID: SMHE-D-21-00046.

4. McClain, M. B., Yoho, S. E., B, D. R., Haverkamp, C. R., & Schwartz, S. E. (n.d.). Reading skills and background noise in children with and without autism spectrum disorder: A pilot study. *Journal of Autism and Developmental Disorders*, *under review: 3-16-2021*, manuscript ID: JADD-D-21-00300.

5. Reuveni, N., Carlson, C., Schwartz, S. E., Meter, D., Barrett, T., & Freeman, S. M. (n.d.). The antidepressant and anxiolytic effect of cannabinoids in chronic unpredictable stress: A preclinical systematic review and meta-analysis. *Research and Practice for Persons with Severe Disabilities*, *under review: 8-9-2021*, reference number: 2021TP001023.

6. Jex, E., Morgan, R., & Schwartz, S. E. (n.d.). Special education teachers' perceptions regarding use of transition assessment for students with severe disabilities. *Research and Practice for Persons with Severe Disabilities*, *under review: 8-11-2021*, manuscript ID: RPSD-21-08-073.

7. Golson, M. E., Benney, C. M., Schwartz, S. E., McClain, M. B., & Harris, B. (n.d.). Current state of ASD knowledge in the general population. *Research in Autism Spectrum Disorders*, *under review: 8-14-2021*, manuscript ID: RASD-D-21-00327.

8. McClain, M. B., Schwartz, S. E., Bera, J., Serang, S., Farmer, R., Harris, B., & Golson, M. E. (n.d.). Measurement invariance of the vineland-3 in children with and without intellectual and developmental disabilities. *Psychological Assessment*, *under review: 8-18-2021*, manuscript ID: PAS-2021-0395.

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9. Haverkamp, C., Schwartz, S. E., Strait, G., Strait, J., & Benney, C. (n.d.). Improving the efficiency and accessibility of mindfulness meditation: A randomized controlled trial. *Journal of American College Health*, *under review: 6-18-2019*, manuscript ID: JACH-2019-06-0270.

Refereed Journal Papers - 2021

1. Pitt, C., Muñoz, K., Schwartz, S., & Kunz, J. M. (2021). The long-term stability of the electrical stapedial reflex threshold. *Otology & Neurotology*, *42*(1), 188–196.
2. McClain, M. B., Haverkamp, C. R., Benallie, K. J., Schwartz, S. E., & Simonsmeier, V. (2021). How effective are reading comprehension interventions for children with ASD? A meta-analysis of single-case design studies. *School Psychology*, *36*(2), 107.
3. Wengreen, H. J., Joyner, D., Kimball, S., Schwartz, S. E., & Madden, G. J. (n.d.). A randomized controlled trial evaluating the FIT game's efficacy in increasing fruit and vegetable consumption. *Nutrition Methodology & Assessment*, *Fruit and Vegetable Consumption: Innovative Approaches to Assessment and Intervention with Low-Income Population*(Manuscript ID: nutrients-1284351), In press.
4. England, D., Ruddy, K. L., Dakin, C. J., Schwartz, S. E., Butler, B., & Bolton, D. A. (2021). Relationship between speed of response inhibition and ability to suppress a step in midlife and older adults. *Brain Sciences*, *11*(5), 643.
5. McClain, M. B., Harris, B., Schwartz, S. E., & Golson, M. E. (2021). Brief report: Differential item and test functioning of the autism spectrum rating scales: A follow-up evaluation in a diverse, nonclinical sample. *Journal of Psychoeducational Assessment*, *39*(2), 247–257.
6. Golson, M. E., Haverkamp, C. R., McClain, M. B., Schwartz, S. E., Ha, J., Harris, B., & Benallie, K. J. (2021). Influences of student race/ethnicity and gender on autism special education classification considerations. *Autism*, 13623613211050440.
7. Aller, T. B., Fauth, E. B., Novak, J. R., & Schwartz, S. E. (2021). Measuring mental health literacy: Development of the mental health awareness and advocacy assessment tool. *Journal of MultiDisciplinary Evaluation*, *17*(39), 15–31.

Refereed Journal Papers - 2020

1. Bringhurst, R. F., Wagner, D. R., & Schwartz, S. (2020). Wingate anaerobic test reliability on the velotron with ice hockey players. *The Journal of Strength & Conditioning Research*, *34*(6), 1716–1722.
2. McClain, M. B., Harris, B., Schwartz, S. E., & Golson, M. E. (2020). Evaluation of the autism spectrum rating scales in a diverse, nonclinical sample. *Journal of Psychoeducational Assessment*, *38*(6), 740–752.
3. Buenabad, N. G. A., Ramos, R. S., Schwartz, S., López, M. L. G., Juárez, A. D. D., Gallegos, A. B. O., Ortega, T. G. G., Pérez, L. V., Icaza, M. E. M.-M., Rodrguez, M. M. D.others. (2020). Cluster randomized trial of a multicomponent school-based program in mexico to prevent behavioral problems and develop social skills in children. *Child & Youth Care Forum*, *49*, 343–364.
4. Harris, B., McClain, M. B., Schwartz, S., & Haverkamp, C. R. (2020). Knowledge of autism spectrum disorder among school psychology graduate students. *Contemporary School Psychology*, 1–9.

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5. McClain, M. B., Harris, B., Haverkamp, C. R., Golson, M. E., & Schwartz, S. E. (2020). The ASKSP revised (ASKSP-r) as a measure of ASD knowledge for professional populations. *Journal of Autism and Developmental Disorders*, *50*(3), 998–1006.

6. McClain, M. B., Shahidullah, J. D., Mezher, K. R., Haverkamp, C. R., Benallie, K. J., & Schwartz, S. E. (2020). School-clinic care coordination for youth with ASD: A national survey of school psychologists. *Journal of Autism and Developmental Disorders*, *50*(9), 3081–3091.

7. Vázquez, A. L., Rodrguez, M. M. D., Barrett, T. S., Schwartz, S., Buenabad, N. G. A., Gamiño, M. N. B., López, M. de L. G., & Velázquez, J. A. V. (2020). Innovative identification of substance use predictors: Machine learning in a national sample of mexican children. *Prevention Science*, *21*(2), 171–181.

8. Benallie, K. J., McClain, M. B., Harris, B., & Schwartz, S. E. (2020). Validation of the ASKSG with a parent sample in the united states. *Journal of Autism and Developmental Disorders*, *50*(12), 4557–4565.

9. Torres, L., Reveles, A. K., Mata-Greve, F., Schwartz, S., & Domenech Rodriguez, M. M. (2020). Reactions to witnessing ethnic microaggressions: An experimental study. *Journal of Social and Clinical Psychology*, *39*(2), 141–164.

10. Nagaraj, N. K., Magimairaj, B. M., & Schwartz, S. (2020). Auditory distraction in school-age children relative to individual differences in working memory capacity. *Attention, Perception, & Psychophysics*, *82*, 3581–3593.

Refereed Journal Papers - 2019

1. Wagner, D. R., Thompson, B. J., Anderson, D. A., & Schwartz, S. (2019). A-mode and b-mode ultrasound measurement of fat thickness: A cadaver validation study. *European Journal of Clinical Nutrition*, *73*(4), 518–523.

2. Rattinger, G. B., Sanders, C. L., Vernon, E., Schwartz, S., Behrens, S., Lyketsos, C. G., & Tschanz, J. T. (2019). Neuropsychiatric symptoms in patients with dementia and the longitudinal costs of informal care in the cache county population. *Alzheimer's & Dementia: Translational Research & Clinical Interventions*, *5*, 81–88.

3. Bolton, D. A., Cole, D. M., Butler, B., Mansour, M., Rydalch, G., McDannald, D. W., & Schwartz, S. E. (2019). Motor preparation for compensatory reach-to-grasp responses when viewing a wall-mounted safety handle. *Cortex*, *117*, 135–146.

4. Bolton, D. A., Schwartz, S. E., Mansour, M., Rydalch, G., & McDannald, D. W. (2019). Priming of grasping muscles when viewing a safety handle is diminished with age. *Maturitas*, *121*, 7–12.

5. Montgomery, J. W., Gillam, R. B., Evans, J. L., Schwartz, S., & Fargo, J. D. (2019). A comparison of the storage-only deficit and joint mechanism deficit hypotheses of the verbal working memory storage capacity limitation of children with developmental language disorder. *Journal of Speech, Language, and Hearing Research*, *62*(10), 3808–3825.

6. Matyi, J. M., Rattinger, G. B., Schwartz, S., Buhusi, M., & Tschanz, J. T. (2019). Lifetime estrogen exposure and cognition in late life: The cache county study. *Menopause (New York, NY)*, *26*(12), 1366.

7. Kauzor, K. E., Schwartz, S., Tubbs, Z., Hammond, A. G., & Tschanz, J. T. (2019). P1-478: PATTERNS OF NEUROPSYCHIATRIC SYMPTOMS AND SURVIVAL AMONG OLDER ADULTS WITH VARIOUS SUBTYPES OF DEMENTIA: THE CACHE COUNTY DEMENTIA PROGRESSION STUDY. *Alzheimer's & Dementia*, *15*, P452–P452.

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8. McClain, M. B., Harris, B., Schwartz, S. E., Benallie, K. J., Golson, M. E., & Benney, C. M. (2019). Brief report: Development and validation of the autism spectrum knowledge scale general population version: Preliminary analyses. *Journal of Autism and Developmental Disorders*, *49*(7), 3007–3015.

9. Vázquez, A. L., Domenech Rodrguez, M. M., Schwartz, S., Amador Buenabad, N. G., Bustos Gamiño, M. N., Gutierrez López, M. de L., & Villatoro Velázquez, J. A. (2019). Early adolescent substance use in a national sample of mexican youths: Demographic characteristics that predict use of alcohol, tobacco, and other drugs. *Journal of Latinx Psychology*, *7*(4), 273.

10. Vázquez, A. L., Rodrguez, M. M. D., Schwartz, S. E., Buenabad, N. G. A., Gamiño, M. N. B., López, M. de L. G., Velázquez, J. A. V., Vázquez, A., Domenech Rodrguez, M., Schwartz, S.others. (2019). *Authors' permission. The final article will be available, upon publication, via its DOI.*

Refereed Journal Papers - 2018

1. Montgomery, J. W., Evans, J. L., Fargo, J. D., Schwartz, S. E., & Gillam, R. B. (2018). Structural relationship between cognitive processing and syntactic sentence comprehension in children with and without developmental language disorder. *Journal of Speech, Language, and Hearing Research*, *61*(12), 2950–2976.

2. Sanders, C. L., Wengreen, H. J., Schwartz, S. E., Behrens, S. J., Corcoran, C., Lyketsos, C. G., & Tschanz, J. T. (2018). Nutritional status is associated with severe dementia and mortality. *Alzheimer Disease & Associated Disorders*, *32*(4), 298–304.

3. Behrens, S., Rattinger, G. B., Schwartz, S. E., Matyi, J., Sanders, C., DeBerard, M. S., Lyketsos, C. G., & Tschanz, J. T. (2018). Use of FDA approved medications for alzheimer's disease in mild dementia is associated with reduced informal costs of care. *International Psychogeriatrics*, *30*(10), 1499–1507.

4. Bringhurst, R. F., Wagner, D. R., & Schwartz, S. (2018). Wingate anaerobic test reliability on the velotron with ice hockey players. *Journal of Strength and Conditioning Research*. `https://doi.org/10.1519/JSC.0000000000002458`

Refereed Journal Papers - 2017 and Prior

1. Rattinger, G. B., Fauth, E. B., Behrens, S., Sanders, C., Schwartz, S. E., Norton, M. C., Corcoran, C., Mullins, C. D., Lyketsos, C. G., & Tschanz, J. T. (2016). Closer caregiver and care-recipient relationships predict lower informal costs of dementia care: The cache county dementia progression study. *Alzheimer's & Dementia*, *12*(8), 917–924.

2. Rattinger, G. B., Fauth, E. B., Behrens, S., Sanders, C., Schwartz, S. E., Norton, M. C., Corcoran, C., Mullins, C. D., Lyketsos, C. G., & Tschanz, J. T. (2016). Closer caregiver and care-recipient relationships predict lower informal costs of dementia care: The cache county dementia progression study. *Alzheimer's & Dementia*, *12*(8), 917–924.

3. Sanders, C., Behrens, S., Schwartz, S. E., Wengreen, H., Corcoran, C. D., Lyketsos, C. G., & Tschanz, J. T. (2016). Nutritional status is associated with faster cognitive decline and worse functional impairment in the progression of dementia: The cache county dementia progression study 1. *Journal of Alzheimer's Disease*, *52*(1), 33–42.

Utah State University

📱 *(435) 797 - 0169* • ✉ *Sarah.Schwartz@usu.edu*
🌐 *www.SarahSchwartzStats.com* • 💼 *SarBearSchwartz*
🐦 *USU_StatStudio* • ⭕ *SarBearSchwartz*   *12/21*

4. Rattinger, G. B., Schwartz, S. E., Mullins, C. D., Corcoran, C., Zuckerman, I. H., Sanders, C., Norton, M. C., Fauth, E. B., Leoutsakos, J.-M. S., Lyketsos, C. G.others. (2015). Dementia severity and the longitudinal costs of informal care in the cache county population. *Alzheimer's & Dementia*, *11*(8), 946–954. `https://doi.org/10.1016/j.jalz.2014.11.004`

5. Peters, M. E., Schwartz, S. E., Han, D., Rabins, P. V., Steinberg, M., Tschanz, J. T., & Lyketsos, C. G. (2015). Neuropsychiatric symptoms as predictors of progression to severe alzheimer's dementia and death: The cache county dementia progression study. *American Journal of Psychiatry*, *172*(5), 460–465.

6. Hatch, D. J., Schwartz, S. E., & Norton, M. C. (2015). Depression and antidepressant use moderate association between widowhood and alzheimer's disease. *International Journal of Geriatric Psychiatry*, *30*(3), 292–299.

7. Gurgel, R. K., Ward, P. D., Schwartz, S. E., Norton, M. C., Foster, N. L., & Tschanz, J. T. (2014). Relationship of hearing loss and dementia: A prospective, population-based study. *Otology & Neurotology: Official Publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*, *35*(5), 775.

8. Rabins, P. V., Schwartz, S. E., Black, B. S., Corcoran, C., Fauth, E., Mielke, M., Christensen, J., Lyketsos, C., & Tschanz, J. (2013). Predictors of progression to severe alzheimer's disease in an incidence sample. *Alzheimer's & Dementia*, *9*(2), 204–207.

9. Fauth, E. B., Schwartz, S. E., Tschanz, J. T., Østbye, T., Corcoran, C., & Norton, M. C. (2013). Baseline disability in activities of daily living predicts dementia risk even after controlling for baseline global cognitive ability and depressive symptoms. *International Journal of Geriatric Psychiatry*, *28*(6), 597–606.

10. Tschanz, J., Pfister, R., Steffens, D., Corcoran, C., Smith, K., Østbye, T., Schwartz, S., Welsh-Bohmer, K., & M, N. (2013). Stressful events in late-life: Effects on cogni-tive decline. The cache county study. *International Journal of Geriatric Psychiatry*, *28*(8), 820–830.

11. Norton, M. C., Smith, K. R., Østbye, T., Tschanz, J. A. T., Schwartz, S. E., Corcoran, C., Breitner, J. C., Steffens, D. C., Skoog, I., Rabins, P. V.others. (2011). Early parental death and remarriage of widowed parents as risk factors for alzheimer disease: The cache county study. *The American Journal of Geriatric Psychiatry*, *19*(9), 814–824.

12. Tschanz, J. T., Corcoran, C. D., Schwartz, S. E., Treiber, K., Green, R. C., Norton, M. C., Mielke, M. M., Piercy, K., Steinberg, M., Rabins, P. V.others. (2011). Progression of cognitive, functional, and neuropsychiatric symptom domains in a population cohort with alzheimer dementia: The cache county dementia progression study. *The American Journal of Geriatric Psychiatry*, *19*(6), 532–542.

13. Norton, M. C., Smith, K. R., Østbye, T., Tschanz, J. T., Corcoran, C., Schwartz, S. E., Piercy, K. W., Rabins, P. V., Steffens, D. C., Skoog, I.others. (2010). Greater risk of dementia when spouse has dementia? The cache county study: [See editorial comments by dr. Peter p. Vitaliano, pp 976–978]. *Journal of the American Geriatrics Society*, *58*(5), 895–900.

14. Norton, M. C., Smith, K. R., Ostbye, T., Tschanz, J. T., Corcoran, C., Schwartz, S. E., Piercy, K. W., Rabins, P. V., Steffens, D. C., Breitner, J. C.others. (2009). Spousal dementia caregiving as a risk factor for incident dementia. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, *5*(4), 380–381.

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📱 *(435) 797 - 0169* • ✉ *Sarah.Schwartz@usu.edu*
🌐 *www.SarahSchwartzStats.com* • in *SarBearSchwartz*
🐦 *USU_StatStudio* • 🐙 *SarBearSchwartz* *13/21*

Papers in Refereed Conference Proceedings

1. Buenabad, N. G. A., Ramos, R. S., Schwartz, S., López, M. L. G., Juárez, A. D. D., Gallegos, A. B. O., Ortega, T. G. G., Pérez, L. V., Icaza, M. E. M.-M., Rodrguez, M. M. D.others. (2020). Cluster randomized trial of a multicomponent school-based program in mexico to prevent behavioral problems and develop social skills in children. *Child & Youth Care Forum, 49*, 343–364.

2. Behrens, S., Rattinger, G., Schwartz, S., Lyketsos, C., & Tschanz, J. (2014). AGITATION IN DEMENTIA IS ASSOCIATED WITH WORSE CAREGIVER HEALTH OVER TIME: THE CACHE COUNTY STUDY. *GERONTOLOGIST, 54*, 42–42.

3. Rattinger, G., Schwartz, S., Sanders, C., Corcoran, C., Fauth, E., Norton, M., Lyketsos, C., & Tschanz, J. (2013). HOW DO CAREGIVER RELATIONSHIP CLOSENESS AND COPING STRATEGIES AFFECT THE COSTS OF DEMENTIA CARE? *GERONTOLOGIST, 53*, 114–115.

4. Smith, K., Hanson, H., Ostbye, T., Tschanz, J., Schwartz, S., Corcoran, C., & Norton, M. (2011). DEMENTIA AND THE RISK ASSOCIATED WITH MEDICAL CO-MORBIDITIES: RESULTS FROM THE CACHE COUNTY STUDY LINKED TO MEDICARE CLAIMS. *GERONTOLOGIST, 51*, 94–94.

5. Fauth, E., Schwartz, S., Smith, K., Tschanz, J., Ostbye, T., Corcoran, C., & Norton, M. (2011). BASELINE FUNCTIONAL DISABILITY PREDICTS DEMENTIA RISK EVEN AFTER CONTROLLING FOR COGNITIVE STATUS. *GERONTOLOGIST, 51*, 36–37.

6. Bradford, D., Smith, K., Schwartz, S., Tschanz, J., Ostbye, T., Corcoran, C., Welsh-Bohmer, K., & Norton, M. (2010). TIMING OF OFFSPRING DEATH IN PARENTS'LIVES AND LATE-LIFE COGNITIVE DECLINE. THE CACHE COUNTY STUDY. *GERONTOLOGIST, 50*, 462–462.

7. Orsulic-Jeras, S., Menne, H., Whitlatch, C., Schwartz, S., & Johnson, J. (2010). INDIVIDUALS WITH EARLY ONSET DEMENTIA AND THEIR CAREGIVERS: PROGRAM ACCEPTABILITY AND FEASIBILITY. *GERONTOLOGIST, 50*, 66–66.

Conference Presentations Coauthored

1. Golson, M. E., McClain, M. B., Schwartz, S. E., Bakner, K. E., Gabrielsen, T., & Harris, B. (2021). *Measurement invariance across gender of the ASRS in a non-clinical diverse sample.* Poster presented at the virtual meeting of the International Society of Autism Research Annual Meeting.

2. Golson, M. E., McClain, M. B., & Schwartz, S. E. (2021). *Measurement invariance of the conners-3.* Poster presented for the virtual meeting of the American Psychological Association, Division 16 (School Psychology).

3. Cole, D., Butler, B., M, M., Schwartz, S. E., & Bolton, D. (2019). *An invisible hand: Automatic preparation for arresting a fall when viewing a handrail.* Poster presented at the International Society of Posture; Gait Research World Congress, Ediburgh, Scotland.

4. Kauzor, K., Schwartz, S. E., Hammond, A., Tubbs, Z., Rattinger, G., & Tschanz, J. (2019). *Patterns of neuropsychiatric symptoms and survival among older adults with various subtypes of dementia. The cache county dementia progression study.* Poster presented at the Annual Alzheimer's Association International Conference, Los Angeles, CA.

Utah State University

📱 *(435) 797 - 0169* • ✉ *Sarah.Schwartz@usu.edu*
🌐 *www.SarahSchwartzStats.com* • in *SarBearSchwartz*
🐦 *USU_StatStudio* • ⚙ *SarBearSchwartz* *14/21*

5. Benallie, K., Benney, C., McClain, M. B., Schwartz, S. E., Peacock, G., & Harris, B. (2018). *Autism spectrum knowledge scale (ASKS): General population version: Development and preliminary validation.* Poster presented at the Rocky Mountain Psychological Association annual conference, Denver, Colorado.

6. Matyi, J., Rattinger, G., Vernon, E., Schwartz, S. E., Buhusi, M., & Tschanz, J. (2018). *Lifetime estrogen exposure is associated with cognitive status in late life: The cache county study.* Poster presented at the Annual Gerontological Society of America conference, Boston, MA.

7. Vernon, E., Behrens, S., Rattinger, G., Schwartz, S. E., & Tschanz, J. (2018). *Use of sleep medications is associated with poorer cognition in older male adults: The cache county study.* Poster presented at the Annual Alzheimer's Association International Conference, Chicago, IL.

8. Tschanz, J., Sanders, C., Wengreen, H., E, S. S., Behrens, S., Corcoran, C., & Lyketsos, C. (2015). *Status and neuropsychiatric symptoms in dementia: The cache county dementia study.* Poster presented at the Annual Alzheimer's Association International Conference, Washington, DC.

9. Rattinger, G., Behrens, S., Schwartz, S., Corcoran, C., Piercy, K., Norton, M., Fauth, E., Lyketsos, C., & Tschanz, J. (2015). *How do neuropsychiatric symptoms in persons with dementia affect caregiver physical and mental health over time? The cache county dementia progression study.* Poster presented at the Annual Alzheimer's Association International Conference, Washington, DC.

10. Sanders, C., Wengreen, H., Schwartz, S., Behrens, S., Corcoran, C., Lyketsos, C., & Tschanz, J. (2015). *Nutritional status and neuropsychological functioning in persons with dementi: The cache county dementia progression study.* Poster presented at the Annual International Neuropsychological Society Meeting, Denver, CO.

11. Tschanz, J., Sanders, C., Wengreen, H., Schwartz, S. E., Behrens, S., Corcoran, C., & Lyketsos, C. (2014). *Nutritional status and neuropsychiatric symptoms in dementia: The cache county dementia study.* Paper presented at the Gerontological Society of America Annual Meeting, Washington, DC.

12. Behrens, S., Rattinger, G., Schwartz, S., Lyketsos, C., & Tschanz, J. (2014). *Agitation in dementia is associated with worse caregiver health over time: The cache county study.* Poster presented at the Gerontological Society of America Annual Meeting, Washington, DC.

13. Peters, M., Schwartz, S. E., Han, D., Rabins, P., Tschanz, J., & Lyketsos, C. (2014). *Neuropsychiatric symptoms as predictors of progression to severe alzheimer's dementia and death: The cache county study.* Poster presented at the Annual American Association of Geriatric Psychiatrists, Orlando, FL.

14. Rattinger, G., Schwartz, S. E., Sanders, C., Corcoran, C., Fauth, E., Norton, M., Lyketsos, C., & Tschanz, J. (2013). *Effect of caregiver relationship closeness and coping strategies on costs of care in the cache county dementia progression study cohort.* Presentation at the Gerontological Society of America Conference, New Orleans, LA.

15. Tschanz, J., Schwartz, S., Gilbert, M., Wanzek, J., Sanders, C., Mielke, M., Cocoran, C., Norton, M., & Lyketsos, C. (2013). *Vascular factors as predictors of severe dementia and mortality in alzheimer's disease. The cache county dementia progression study.* Presentation at the Alzheimer's Association International Conference on Alzheimer's Disease, Boston, MA.

Utah State University

📱 *(435) 797 - 0169* • ✉ *Sarah.Schwartz@usu.edu*
🌐 *www.SarahSchwartzStats.com* • in *SarBearSchwartz*
🐦 *USU_StatStudio* • ⊙ *SarBearSchwartz*   *15/21*

16. Rattinger, G., Schwartz, S. E., Corcoran, C., Zuckerman, I., Mullins, C., Norton, M., Fauth, E., Leoutsakos, J., Lyketsos, C., & Tschanz, J. (2013). *Effect of dementia severity on costs of care in the cache county dementia progression study cohort.* Presentation at the Alzheimer's Association International Conference on Alzheimer's Disease, Boston, MA.

17. Sanders, C., Wengreen, H., Corcoran, C., Schwartz, S., Norton, M., Lyektsos, C., & Tschanz, J. (2013). *Nutritional status and progression of dementia. The cache county dementia progression study.* Presentation at the Alzheimer's Association International Conference on Alzheimer's Disease, Boston, MA.

18. Wanzek, J., Schwartz, S., Sanders, C., Gilbert, M., Munger, R., Marano, C., Mielke, M., Lyketsos, C., & Tschanz, J. (2013). *Diabetes and metabolic syndrome in predicting severe dementia, institutionalization and mortality in a population-based sample of alzheimer's disease: The cache county dementia progression study.* Presentation at the Society of Behavioral Medicine Conference, San Francisco, CA.

19. Gurgel, R., Ward, D., Schwartz, S. E., Norton, M., & Tschanz, J. (2013). *Relationship of hearing loss and dementia: A prospective, population-based study.* Oral presentation at the American Otological Society meeting, Orlando, FL.

20. Fauth, E., Schwartz, S. E., Norton, M., Piercy, K., Lyketsos, C., & JT, T. (2012). *Do closer relationships between caregivers and persons with alzheimer's dementia affect the progression of neuropsychiatric symptoms in the care recipient?* Presentation at the Gerontological Society of America meeting, San Diego, CA.

21. S, M., Schwartz, S. E., Tschanz, J., Corcoran, B., C nad Black, Fauth, E., Mielke, M., Lyketsos, C., & Rabins, P. (2012). *Neuropsychiatric symptoms at baseline shorten time to severe dementia in a population-based sample of incident alzheimer's disease.* Presentation at the Alzheimer's Association International Conference on Alzheimer's Disease, Vancouver, B.C.

22. Buckley, T., Corcoran, C., Schwartz, S. E., Breitner, J., Zandi, P., Norton, M., Deberard, M., Wengreen, H., Foley, B., Welsh-Bohmer, K., Lyketsos, C., & Tschanz, J. (2011). *NSAID use does not affect dementia progression or survival in alzheimer's disease: The cache county dementia progression study.* Presentation at the Alzheimer's Association International Conference on Alzheimer's Disease, Paris, Frane.

23. Rabins, P., Schwartz, S. E., Tschanz, J., Corcoran, C., Black, B., Fauth, E., Mielke, M., & Lyketsos, C. (2011). *Risk factors for severe dementia from a population-based sample of incident alzheimer's disease: The cache county dementia progression study.* Presentation at the Alzheimer's Association International Conference on Alzheimer's Disease, Paris, Frane.

24. Fauth, E. B., Schwartz, S. E., Smith, K., Tschanz, J., Ostbye, T., Corcoran, C., & Norton, M. C. (2011). *Baseline functional disability predicts dementia risk even after controlling for cognitive status.* Presentation at the Annual Meeting of the Gerontological Society of America, Boston, MA.

25. Smith, K., Hanson, H., Ostbye, T., Tschanz, J., Schwartz, S. E., Corcoran, C., & Norton, M. (2011). *Comorbidity and risk for dementia using medicare datasets.* Presentation at the Annual Meeting of the Gerontological Society of America, Boston, MA.

26. Tschanz, J., Pfister, R., Steffens, D., Corcoran, C., Smith, K., Ostbye, T., Schwartz, S. E., Welsh-Bohmer, K., & Norton, M. (2010). *Stressful events in late-life: Effects on cognitive decline. The cache county study.* Poster presentation at the Annual Meeting of the Gerontological Society of America, New Orleans, LA.

Utah State University

📱 *(435) 797 - 0169* • ✉ *Sarah.Schwartz@usu.edu*
🌐 *www.SarahSchwartzStats.com* • 🔗 *SarBearSchwartz*
🐦 *USU_ StatStudio* • *SarBearSchwartz* *16/21*

27. Snyder, C., Smith, C., Lee, S., Norton, M., Piercy, K., Fauth, E., Corcoran, C., DeBerard, S., Schwartz, S. E., Morrison, A., Rabins, P., Lyketsos, C., & Tschanz, J. (2010). *Dementia caregivers and coping strategies: Relationship to health and well-being. The cache county dementia progression study.* Poster presentation at the Annual Meeting of the Gerontological Society of America, New Orleans, LA.
28. Norton, M., Bradford, D., Smith, K., Schwartz, S. E., Tschanz, J., Ostbye, T., Corcoran, C., & Welsh-Bohmer, K. (2010). *Family size moderates the association between offspring death and rate of cognitive decline. The cache county study.* Poster presentation at the Annual Meeting of the Gerontological Society of America, New Orleans, LA.
29. Bradford, D., Smith, K., Schwartz, S. E., Tschanz, J., Ostbye, T., Corcoran, C., Welsh-Bohmer, K., & Norton, M. (2010). *Timing of offspring death in parents' lives and late-life cognitive decline. The cache county study.* Poster presentation at the Annual Meeting of the Gerontological Society of America, New Orleans, LA.
30. Norton, M., Smith, K., Ostbye, T., Tschanz, J., Corcoran, C., Schwartz, S. E., Piercy, K., Rabins, P., Steffens, D., Breitner, J., & Welsh-Bohmer, K. (2009). *Spousal dementia caregiving as a risk factor for incident dementia.* Poster presentation at the International Conference on Alzheimer's Disease, Vienna, Austria.
31. Corcoran, C., Tschanz, J., Steinberg, M., Schwartz, S. E., Norton, M., Welsh-Bohmer, K., Breitner, J., & Lyketsos, C. (2006). *Longitudinal course of neuropsychiatric symptoms in dementia. The cache county study.* Poster presentation at the 10th International Conference on Alzheimer's Disease; Related Disorders, Madrid Spain.

Work Not Peer Reviewed
1. McClain, M. B., Harris, B., Schwartz, S. E., Haverkamp, C. R., & Golson, M. (2019). *Development and validation of the autism spectrum knowledge scale - professional version: Preliminary analyses.* OSF. https://doi.org/10.17605/OSF.IO/8M9UB

Disertation
1. Schwartz, S. E. (2017). *Exact approaches for bias detection and avoidance with small, sparse, or correlated categorical data* [PhD thesis].

Online eBook
1. Schwartz, S. E., & Barrett, T. S. (2018). *Explaining psychological statistcs: A companion in r.* GitHub. https://sarbearschwartz.github.io/Quant_I/
2. Schwartz, S. E., & Barrett, T. S. (2019). *Encyclopedia of quantitative methods in r.* GitHub. https://cehs-research.github.io/eBooks/

Utah State University

📱 *(435) 797 - 0169* • ✉ *Sarah.Schwartz@usu.edu*
🌐 *www.SarahSchwartzStats.com* • 💼 *SarBearSchwartz*
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Directed Student Learning

Research Assistants for the Statistical Consulting Studio

- Demi Culianos, 2020-2021
- Jeremy Haynes, 2019-2020
- Ryan Becker, 2019
- Joseph Jones, 2018-2019
- Morgan Kawamura, 2018
- Fred Hints, 2018
- Andy Craig, 2017-2018
- Tyson Barrett, 2016-2017

Current Committees

DOCTORAL

(in progress) **Demi Culianas**, *Psychology*, Utah State University.
- Disertation Title: TBD
- Comprehensive examimation passed: April 2021
- Mentor: Dr. Tyson Barrett

(in progress) **Jill Ashby Harmon**, *Curriculum and Instruction*, Utah State University.
- Relationships Between School, Teacher, and Feature Characteristics and Teachers Access to Features within Digital Curriculum Resources for Mathematics Instruction Reported by Teachers on the Rand Corporation American Instructional Resources Survey (AIRS) 2019
- Defended proposal: May 2021
- Mentor: Dr. Patricia Moyer-Packenham

(in progress) **Carly Fox**, *Communicative Disorders and Deaf Education*, Utah State University.
- An Investigation into the Feasibility of Streamlining Language Sample Analysis through Computer-Automated Transcription and Scoring
- Master's degree awarded: May 2021
- Mentor: Dr. Sandra Gillam

(in progress) **Chris Johnson**, *Statistics*, Utah State University.
- Comprehensive examimation passed: July 2021
- Mentor: Dr. Chris Corcoran

(in progress) **Kandice Benalli**, *Psychology - Combined Program*, Utah State University.
- Executivve Functioning in Children With ASD and Co-Occurring Neurodevelopmental Disorders: A Systematic Review and Quantitative Analysis
- Expected defense: 2022 (currently collecting data)
- Mentor: Dr. Maryellen McClain Verdose

(in progress) **Cassity Havercamp**, *Psychology - Combined Program*, Utah State University.
- App-Based Academic Interventions for Children with Autism Spectrum Disorder
- Expected defense: 2022
- Mentor: Dr. Maryellen McClain Verdose

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📱 *(435) 797 - 0169* • ✉ *Sarah.Schwartz@usu.edu*
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MASTERS

(in progress) **Joanna Coltrin**, *Statistics*, Utah State University.
- Defining Areas of Interest Using Modified Voronoi Tessellations to Analyze Eye-Tracking Data
- Expected defense: winter 2021
- Mentor: Juergen Symanzik

(in progress) **Rylan Helstern**, *Human Development & Family Studies*, Utah State University.
- The Impact of COVID-19 and Telehealth Services on Attrition Rates in Psychotherapy
- Expected defense: winter 2021
- Mentor: Dave Robinson

Past Committees

CHAIR

May 2021 **Amanda Hagman**, *Psychology, Socio-Epidemiology Program*, Utah State University.
- Substance Misuse Transitions Between Adolescence Young Adulthood: Impacts on Young Adult Self-sufficiency
- https://digitalcommons.usu.edu/etd/8050/

DOCTORAL

Aug 2021 **Jordan Kugler**, *Psychology*, Utah State University.
- Risk Factors for Early and Late Onset Depression and Subsequent Risk for Alzheimer's Disease and Related Dementias in an Older Adult Population
- https://digitalcommons.usu.edu/etd/8200/
- Mentor: Dr. Joann Tschanz

Aug 2021 **Elizabeth Kat Vernon**, *Psychology*, Utah State University.
- Extended Maternal and Paternal Hereditary Risk for Alzheimers Disease Examined by Sex in a Sample of Community Dwelling Older Adults in Cache County, Utah
- https://digitalcommons.usu.edu/etd/8189/
- Mentor: Dr. Joann Tschanz

May 2021 **Kristen Rolf**, *Disability Disciplines*, Utah State University.
- Investigating the Effectiveness of Explicit, Systematic Mathematics Vocabulary Instruction for Students in Fourth Grade
- Successful dissertation defense: May 2021
- Mentor: Dr. Tim Slocum

May 2021 **Noa Reuveni**, *Psychology*, Utah State University.
- The Effects of Cannabinoids on Stress-Coping Behaviors and Neuroendocrinological Measures in Chronic Unpredtictable Stress: A Preclinical Systematic Review and Meta-Analysis
- https://digitalcommons.usu.edu/etd/8098/
- Mentors: Dr. Sara Freeman, Dr. Scott Bates

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Aug 2021 **Josh Mayti**, *Psychology*, Utah State University.
- Neurotrophic Factor Genetics of Cognitive Progression and Neuropsychiatric Symptom Presentation in Alzheimer's Disease and Related Disorders
- https://digitalcommons.usu.edu/etd/8179/
- Mentor: Dr. JoAnn Tschanz

May 2020 **J. Scott Crapo**, *Human Development & Family Studies*, Utah State University.
- Family Development and the Marital Relationship as a Developmental Process
- https://digitalcommons.usu.edu/etd/7792/
- Mentors: Dr. Kay Bradford, Dr. Ryan B. Seedall

May 2020 **Carla Orellana**, *Special Education and Rehabilitation*, Utah State University.
- Working Memory and Syntactic Processing in Bilingual and Monolingual Children
- https://digitalcommons.usu.edu/etd/7720/
- Mentor: Dr. Ronald Gillam

Oct 2020 **Sarai Holdbrook**, *Special Education and Rehabilitation*, Utah State University.
- Validation of a Brief Prosody Rating Scale for Children with Autism Spectrum Disorder
- https://digitalcommons.usu.edu/etd/7830/
- Mentor: Dr. Sandra Gillam

Aug 2019 **Eliza Jex**, *Special Education and Rehabilitation*.
- An Assessment of Self-Determination Skills in Transition-Age Students with Disabilities Following Instruction Using the My Transition Portfolio Program
- https://digitalcommons.usu.edu/etd/7569/
- Mentor: Dr. Robert L. Morgan

MASTERS

May 2021 **Carly Fox**, *Communicative Disorders and Deaf Education*, Utah State University.
- Removing Barriers to Language Sample Analysis: Computer-Automated Microstructure Scoring (CAMS)
- https://digitalcommons.usu.edu/etd/8023/
- Mentor: Dr. Sandra Gillam

Current Memberships

- American Statistical Association (ASA)

Utah State University

📱 *(435) 797 - 0169* • ✉ *Sarah.Schwartz@usu.edu*
🌐 *www.SarahSchwartzStats.com* • 🔗 *SarBearSchwartz*
🐦 *USU_StatStudio* • *SarBearSchwartz*   *20/21*

Service

May 2021	**APA Virtual Site Visit**, *School Psychology PhD Program Accreditation*, Utah State University.
May 2020	**Interview potential grad students of Dean Al Smith**, *Human Development and Family Studies Department*, Utah State University.
Spring 2020	**Review Journal Manuscript**, *American Journal of Preventive Medicine*.
2019-2020	**President**, *Utah Chapter*, American Statistical Association.
2018-2019	**Vice President**, *Utah Chapter*, American Statistical Association.
Spring 2019	**Borg Scholarship Committee Member**, *Psychology Department*, Utah State University.
Fall 2017	**Search Committee Member, Data Cluster**, *College of Education and Human Services, Office of Research Services*, Utah State University.

Notes

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