Elliot M. Tucker-Drob

■ tuckerdrob@utexas.edu

Publications

JOURNAL ARTICLES

- 1. Clapp Sullivan, M. L., Schwaba, T., Harden, K. P., Grotzinger, A. D., Nivard, M. G., & Tucker-Drob, E. M. (2024). Beyond the factor indeterminacy problem using genome-wide association data. *Nature Human Behaviour*. https://doi.org/10.1038/s41562-023-01789-1
- 2. Raffington, L., Schneper, L., Mallard, T., Fisher, J., Vinnik, L., Hollis-Hansen, K., Notterman, D. A., Tucker-Drob, E. M., Mitchell, C., & Harden, K. P. (2023). Salivary epigenetic measures of body mass index and social determinants of health across childhood and adolescence. *JAMA Pediatrics*, 177(10), 1047. https://doi.org/10.1001/jamapediatrics.2023.3017
- 3. Kun, E., Javan, E. M., Smith, O., Gulamali, F., Fuente, J. de la, Flynn, B. I., Vajrala, K., Trutner, Z., Jayakumar, P., Tucker-Drob, E. M., Sohail, M., Singh, T., & Narasimhan, V. M. (2023). The genetic architecture and evolution of the human skeletal form. *Science*, 381(6655). https://doi.org/10.1126/science.adf8009
- 4. Yeung, H. W., Stolicyn, A., Buchanan, C. R., Tucker-Drob, E. M., Bastin, M. E., Luz, S., McIntosh, A. M., Whalley, H. C., Cox, S. R., & Smith, K. (2022). Predicting sex, age, general cognition and mental health with machine learning on brain structural connectomes. *Human Brain Mapping*, 44(5), 1913–1933. https://doi.org/10.1002/hbm.26182
- 5. McCartney, D. L., Hillary, R. F., Conole, E. L. S., Banos, D. T., Gadd, D. A., Walker, R. M., Nangle, C., Flaig, R., Campbell, A., Murray, A. D., Maniega, S. M., Valdés-Hernández, M. del C., Harris, M. A., Bastin, M. E., Wardlaw, J. M., Harris, S. E., Porteous, D. J., Tucker-Drob, E. M., McIntosh, A. M., ... Marioni, R. E. (2022). Blood-based epigenome-wide analyses of cognitive abilities. *Genome Biology*, 23(1). https://doi.org/10.1186/s13059-021-02596-5
- 6. Grotzinger, A. D., Fuente, J. de la, Davies, G., Nivard, M. G., & Tucker-Drob, E. M. (2022). Transcriptome-wide and stratified genomic structural equation modeling identify neurobiological pathways shared across diverse cognitive traits. *Nature Communications*, *13*(1). https://doi.org/10.1038/s41467-022-33724-9
- 7. Raffington, L., Malanchini, M., Grotzinger, A. D., Madole, J. W., Engelhardt, L. E., Sabhlok, A., Youn, C., Patterson, M. W., Harden, K. P., & Tucker-Drob, E. M. (2022). An in-laboratory stressor reveals unique genetic variation in child cortisol output. *Developmental Psychology*, 58(10), 1832–1848. https://doi.org/10.1037/dev0001393
- 8. Sabhlok, A., Malanchini, M., Engelhardt, L. E., Madole, J., Tucker-Drob, E. M., & Harden, K. P. (2021). The relationship between executive function, processing speed, and attention-deficit hyperactivity disorder in middle childhood. *Developmental Science*, 25(2). https://doi.org/10.1111/desc.13168
- 9. Tucker-Drob, E. M., Fuente, J. de la, Köhncke, Y., Brandmaier, A. M., Nyberg, L., & Lindenberger, U. (2022). A strong dependency between changes in fluid and crystallized abilities in human cognitive aging. *Science Advances*, 8(5). https://doi.org/10.1126/sciadv.abj2422
- 10. Durkee, P. K., Lukaszewski, A. W., Rueden, C. R. von, Gurven, M. D., Buss, D. M., & Tucker-Drob, E. M. (2022). Niche diversity predicts personality structure across 115 nations. *Psychological Science*, *33*(2), 285–298. https://doi.org/10.1177/09567976211031571
- Dutra, N. B., Chen, L., Anum, A., Burger, O., Davis, H. E., Dzokoto, V. A., Fong, F. T. K., Ghelardi, S., Mendez, K., Messer, E. J. E., Newhouse, M., Nielsen, M. G., Ramos, K., Rawlings, B., Santos, R. A. C. dos, Silveira, L. G. S., Tucker-Drob, E. M., & Legare, C. H. (2022). Examining relations between performance on non-verbal executive function and verbal self-regulation tasks in demographically-diverse populations. *Developmental Science*, 25(5). https://doi.org/10.1111/desc.13228
- 12. Gadd, D. A., Hillary, R. F., McCartney, D. L., Zaghlool, S. B., Stevenson, A. J., Cheng, Y., Fawns-Ritchie, C., Nangle, C., Campbell, A., Flaig, R., Harris, S. E., Walker, R. M., Shi, L., Tucker-Drob, E. M., Gieger, C., Peters, A., Waldenberger, M., Graumann, J., McRae, A. F., ... Marioni, R. E. (2022). Epigenetic scores for the circulating proteome as tools for disease prediction. *eLife*, 11. https://doi.org/10.7554/elife.71802
- Domingue, B. W., Kanopka, K., Mallard, T. T., Trejo, S., & Tucker-Drob, E. M. (2021). Modeling interaction and dispersion effects in the analysis of gene-by-environment interaction. *Behavior Genetics*, *52*(1), 56–64. https://doi.org/10.1007/s10519-021-10090-8
- Junkins, E. J., Potter, J. E., Rentfrow, P. J., Gosling, S. D., Potter, J., Harden, K. P., Tucker-Drob, E. M., Derringer, J., & Briley, D. A. (2021). Geographic variation in personality is associated with fertility across the united states. *Personality Science*, 2. https://doi.org/10.5964/ps.7275

- 15. Becker, J., Burik, C. A. P., Goldman, G., Wang, N., Jayashankar, H., Bennett, M., Belsky, D. W., Karlsson Linnér, R., Ahlskog, R., Kleinman, A., Hinds, D. A., Agee, M., Alipanahi, B., Auton, A., Bell, R. K., Bryc, K., Elson, S. L., Fontanillas, P., Furlotte, N. A., ... Okbay, A. (2021). Resource profile and user guide of the polygenic index repository. *Nature Human Behaviour*, *5*(12), 1744–1758. https://doi.org/10.1038/s41562-021-01119-3
- 16. Raffington, L., Belsky, D. W., Kothari, M., Malanchini, M., Tucker-Drob, E. M., & Harden, K. P. (2021). Socioeconomic disadvantage and the pace of biological aging in children. *Pediatrics*, 147(6). https://doi.org/10.1542/peds.2020-024406
- 17. Cox, S. R., Harris, M. A., Ritchie, S. J., Buchanan, C. R., Valdés Hernández, M. C., Corley, J., Taylor, A. M., Madole, J. W., Harris, S. E., Whalley, H. C., McIntosh, A. M., Russ, T. C., Bastin, M. E., Wardlaw, J. M., Deary, I. J., & Tucker-Drob, E. M. (2021). Three major dimensions of human brain cortical ageing in relation to cognitive decline across the eighth decade of life. *Molecular Psychiatry*, 26(6), 2651–2662. https://doi.org/10.1038/s41380-020-00975-1
- 18. Madole, J. W., Ritchie, S. J., Cox, S. R., Buchanan, C. R., Hernández, M. V., Maniega, S. M., Wardlaw, J. M., Harris, M. A., Bastin, M. E., Deary, I. J., & Tucker-Drob, E. M. (2021). Aging-sensitive networks within the human structural connectome are implicated in late-life cognitive declines. *Biological Psychiatry*, 89(8), 795–806. https://doi.org/10.1016/j.biopsych.2020.06.010
- 19. Fuente, J. de la, Davies, G., Grotzinger, A. D., Tucker-Drob, E. M., & Deary, I. J. (2020). A general dimension of genetic sharing across diverse cognitive traits inferred from molecular data. *Nature Human Behaviour*, *5*(1), 49–58. https://doi.org/10.1038/s41562-020-00936-2
- 20. Van den Akker, A. L., Briley, D. A., Grotzinger, A. D., Tackett, J. L., Tucker-Drob, E. M., & Harden, K. P. (2021). Adolescent big five personality and pubertal development: Pubertal hormone concentrations and self-reported pubertal status. *Developmental Psychology*, 57(1), 60–72. https://doi.org/10.1037/dev0001135
- 21. Buchanan, C. R., Muñoz Maniega, S., Valdés Hernández, M. C., Ballerini, L., Barclay, G., Taylor, A. M., Russ, T. C., Tucker-Drob, E. M., Wardlaw, J. M., Deary, I. J., Bastin, M. E., & Cox, S. R. (2021). Comparison of structural MRI brain measures between 1.5 and 3 t: Data from the lothian birth cohort 1936. *Human Brain Mapping*, 42(12), 3905–3921. https://doi.org/10.1002/hbm.25473
- 22. Roe, M. A., Engelhardt, L. E., Nugiel, T., Harden, K. P., Tucker-Drob, E. M., & Church, J. A. (2021). Error-signaling in the developing brain. NeuroImage, 227, 117621. https://doi.org/10.1016/j.neuroimage.2020.117621
- 23. Vogt, R. L., Zheng, A., Briley, D. A., Malanchini, M., Harden, K. P., & Tucker-Drob, E. M. (2021). Genetic and environmental factors of non-ability-based confidence. Social Psychological and Personality Science, 13(3), 734–746. https://doi.org/10.1177/19485506211036610
- 24. Karlsson Linnér, R., Mallard, T. T., Barr, P. B., Sanchez-Roige, S., Madole, J. W., Driver, M. N., Poore, H. E., Vlaming, R. de, Grotzinger, A. D., Tielbeek, J. J., Johnson, E. C., Liu, M., Rosenthal, S. B., Ideker, T., Zhou, H., Kember, R. L., Pasman, J. A., Verweij, K. J. H., Liu, D. J., ... Dick, D. M. (2021). Multivariate analysis of 1.5 million people identifies genetic associations with traits related to self-regulation and addiction. *Nature Neuroscience*, 24(10), 1367–1376. https://doi.org/10.1038/s41593-021-00908-3
- 25. Malanchini, M., Engelhardt, L. E., Raffington, L. A., Sabhlok, A., Grotzinger, A. D., Briley, D. A., Madole, J. W., Freis, S. M., Patterson, M. W., Harden, K. P., & Tucker-Drob, E. M. (2020). Weak and uneven associations of home, neighborhood, and school environments with stress hormone output across multiple timescales. *Molecular Psychiatry*, 26(9), 4823–4838. https://doi.org/10.1038/s41380-020-0747-z
- 26. Bosma, M. J., Cox, S. R., Ziermans, T., Buchanan, C. R., Shen, X., Tucker-Drob, E. M., Adams, M. J., Whalley, H. C., & Lawrie, S. M. (2021). White matter, cognition and psychotic-like experiences in UK biobank. *Psychological Medicine*, 53(6), 2370–2379. https://doi.org/10.1017/s0033291721004244
- 27. Demange, P. A., Malanchini, M., Mallard, T. T., Biroli, P., Cox, S. R., Grotzinger, A. D., Tucker-Drob, E. M., Abdellaoui, A., Arseneault, L., Bergen, E. van, Boomsma, D. I., Caspi, A., Corcoran, D. L., Domingue, B. W., Harris, K. M., Ip, H. F., Mitchell, C., Moffitt, T. E., Poulton, R., ... Nivard, M. G. (2021). Investigating the genetic architecture of noncognitive skills using GWAS-by-subtraction. *Nature Genetics*, 53(1), 35–44. https://doi.org/10.1038/s41588-020-00754-2

PREPRINTS

- 1. Raffington, L., Schneper, L., Mallard, T., Fisher, J., Vinnik, L., Hollis-Hansen, K., Notterman, D. A., Tucker-Drob, E. M., Mitchell, C., & Harden, K. P. (2023). *Measuring the long arm of childhood in real-time: Epigenetic predictors of BMI and social determinants of health across childhood and adolescence*. https://doi.org/10.1101/2023.01.20.524709
- 2. Kun, E., Javan, E. M., Smith, O., Gulamali, F., Fuente, J. de la, Flynn, B. I., Vajrala, K., Trutner, Z., Jayakumar, P., Tucker-Drob, E. M., Sohail, M., Singh, T., & Narasimhan, V. M. (2023). *The genetic architecture of the human skeletal form*. https://doi.org/10.1101/2023.01.03. 521284
- 3. Domingue, B., Kanopka, K., Trejo, S., Rhemtulla, M., & Tucker-Drob, E. M. (2021). *Ubiquitous bias & amp; false discovery due to model misspecification in analysis of statistical interactions: The role of the outcome's distribution and metric properties.* https://doi.org/10.31234/osf.io/932fm

- 4. deSteiguer, A. J., Raffington, L., Sabhlok, A., Tanksley, P., Tucker-Drob, E. M., & Harden, K. P. (2023). *Stability of DNA-methylation profiles of biological aging in children and adolescents*. https://doi.org/10.1101/2023.10.30.564766
- 5. Raffington, L., Schwaba, T., Aikins, M., Richter, D., Wagner, G. G., Harden, K. P., Belsky, D. W., & Tucker-Drob, E. M. (2022). Associations of socioeconomic disparities with buccal DNA-methylation measures of biological aging. https://doi.org/10.1101/2022.12.07.519438
- 6. Yeung, H. W., Stolicyn, A., Shen, X., Adams, M. J., Romaniuk, L., Thng, G., Buchanan, C. R., Tucker-Drob, E. M., Bastin, M. E., McIntosh, A. M., Cox, S. R., Smith, K. M., & Whalley, H. C. (2022). Classification accuracy of structural and functional connectomes across different depressive phenotypes. https://doi.org/10.1101/2022.11.22.22282621
- 7. Yeung, H. W., Stolicyn, A., Buchanan, C. R., Tucker-Drob, E. M., Bastin, M. E., Luz, S., McIntosh, A. M., Whalley, H. C., Cox, S. R., & Smith, K. (2022). *Predicting sex, age, general cognition and mental health with machine learning on brain structural connectomes*. https://doi.org/10.1101/2022.03.03.22271801
- 8. Hatoum, A. S., Colbert, S. M. C., Johnson, E. C., Huggett, S. B., Deak, J. D., Pathak, G. A., Jennings, M. V., Paul, S. E., Karcher, N. R., Hansen, I., Baranger, D. A. A., Edwards, A., Grotzinger, A. D., Tucker-Drob, E. M., Kranzler, H., Davis, L. K., Sanchez-Roige, S., Polimanti, R., Gelernter, J., ... Agrawal, A. (2022). *Multivariate genome-wide association meta-analysis of over 1 million subjects identifies loci underlying multiple substance use disorders*. https://doi.org/10.1101/2022.01.06.22268753
- 9. Raffington, L., Tanksley, P., Vinnik, L., Sabhlok, A., Patterson, M. W., Mallard, T., Malanchini, M., Ayorech, Z., Tucker-Drob, E. M., & Harden, K. P. (2021). Socially stratified DNA-methylation profiles are associated with disparities in child and adolescent mental health. https://doi.org/10.1101/2021.09.17.21263582
- 10. Raffington, L., Tanksley, P. T., Sabhlok, A., Vinnik, L., Mallard, T., King, L. S., Goosby, B., Harden, K. P., & Tucker-Drob, E. M. (2021). Socially stratified epigenetic profiles are associated with cognitive functioning in children and adolescents. https://doi.org/10.1101/2021.08. 19.456979
- 11. Fuente, J. de la, Grotzinger, A. D., Marioni, R. E., Nivard, M. G., & Tucker-Drob, E. M. (2021). *Multivariate modeling of direct and proxy GWAS indicates substantial common variant heritability of alzheimer's disease*. https://doi.org/10.1101/2021.05.06.21256747
- 12. Grotzinger, A. D., Fuente, J. de la, Davies, G., Nivard, M. G., & Tucker-Drob, E. M. (2021). *Transcriptome-wide and stratified genomic structural* equation modeling identify neurobiological pathways underlying general and specific cognitive functions. https://doi.org/10.1101/2021.04.30.21256409
- 13. Buchanan, C. R., Muñoz Maniega, S., Valdés Hernández, M. C., Ballerini, L., Barclay, G., Taylor, A. M., Russ, T. C., Tucker-Drob, E. M., Wardlaw, J. M., Deary, I. J., Bastin, M. E., & Cox, S. R. (2021). Comparison of structural MRI brain measures between 1.5T and 3T: Data from the lothian birth cohort 1936. https://doi.org/10.1101/2021.04.23.21256000
- 14. Howe, L. J., Nivard, M. G., Morris, T. T., Hansen, A. F., Rasheed, H., Cho, Y., Chittoor, G., Lind, P. A., Palviainen, T., Zee, M. D. van der, Cheesman, R., Mangino, M., Wang, Y., Li, S., Klaric, L., Ratliff, S. M., Bielak, L. F., Nygaard, M., Reynolds, C. A., ... Davies, N. M. (2021). Within-sibship GWAS improve estimates of direct genetic effects. https://doi.org/10.1101/2021.03.05.433935
- 15. Grotzinger, A. D., Fuente, J. de la, Nivard, M. G., & Tucker-Drob, E. M. (2021). *Pervasive downward bias in estimates of liability scale heritability in GWAS meta-analysis: A simple solution*. https://doi.org/10.1101/2021.09.22.21263909

Воокѕ

BOOK CHAPTERS

Professional Presentations

Joint Growth-Survival Modelling Reveals Distinct Developmental Pathways to Dementia

University of Southern California Schaeffer Center

2024

Theoretical and Methodological Considerations in the Study of Cognitive Aging and Dementia

CENTER FOR VITAL LONGEVITY, UT DALLAS

2023

Theoretical and Methodological Considerations in the Study of Cognitive Aging and Dementia

THE DEEP DEMENTIA PHENOTYPING (DEMON) NETWORK

2023

| Psychological Science in the Public Interest, 21, 6-41. Mensa International Ltd Funding Large-Scale Genomic Analysis of Aging-Related Cognitive Change Prior to Dementia Onset (PI) FUNDING: Dissecting the Multivariate Genetic Architecture of Psychiatric Diseases (PI) FUNDING: \$3,279,307 Environmental, Genetic, and Epigenetic Mechanisms for Hormonal Change (Co-I) | National Institute on Aging RF1AG073593/R01AG07359 2021 - 202 NIMH, R01MH12021 2020 - 202 National Institute of Child Healt and Human Developmen R01HD09254 |
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| Psychological Science in the Public Interest, 21, 6-41. Mensa International Ltd Funding Large-Scale Genomic Analysis of Aging-Related Cognitive Change Prior to Dementia Onset (PI) FUNDING: Dissecting the Multivariate Genetic Architecture of Psychiatric Diseases (PI) | National Institute on Aging RF1AG073593/R01AG07359 2021 - 202 NIMH, R01MH12021 2020 - 202 |
| Psychological Science in the Public Interest, 21, 6-41. Mensa International Ltd Funding Large-Scale Genomic Analysis of Aging-Related Cognitive Change Prior to Dementia Onset (PI) FUNDING: | National Institute on Aging RF1AG073593/R01AG07359 2021 - 202 |
| Psychological Science in the Public Interest, 21, 6-41. Mensa International Ltd Funding Large-Scale Genomic Analysis of Aging-Related Cognitive Change Prior to Dementia Onset (PI) | National Institute on Aging RF1AG073593/R01AG07359 |
| Psychological Science in the Public Interest, 21, 6-41. Mensa International Ltd Funding | |
| Psychological Science in the Public Interest, 21, 6-41. Mensa International Ltd | 202 |
| Psychological Science in the Public Interest, 21, 6-41. | 202 |
| | 200 |
| Article of the Year Award for: Lövdén, M., Fratiglioni, L., Glymour, M. M., Lindenberger, U., & Tucker-Drob, E. M. (2020). Education and cognitive functioning across the lifespan. | Nordic Mensa Fund, S |
| Honors | |
| Conference Abstracts | |
| CENTER FOR DEMOGRAPHY OF HEALTH AND AGING, UNIVERSITY OF WISCONSIN-MADISON | 202 |
| Using Genomic SEM to Apply Social Science Models to Genetic Data | 202 |
| Dementia Department of Epidemiology, Columbia University | 202 |
| Theoretical and Methodological Considerations in the Epidemiology of Cognitive Aging and | |
| RUSSELL SAGE FOUNDATION SUMMER INSTITUTE IN SOCIAL-SCIENCE GENOMICS | 202 |
| Using Genome-Wide Data to Investigate the Joint Genetic Architecture of Complex Traits | |
| Dementia LIFE COURSE EPIDEMIOLOGY COURSE, DEPARTMENT OF EPIDEMIOLOGY, COLUMBIA UNIVERSITY | 202 |
| Theoretical and Methodological Considerations in the Epidemiology of Cognitive Aging and | |
| Center on Aging and Population Sciences and Population Research Center, University of Texas at Austin | 202 |
| Theoretical and Methodological Considerations in the Epidemiology of Cognitive Aging and Dementia | |
| | 20. |
| Grand Rounds. Department of Psychiatry. University of Michigan | |
| Using Genome-Wide Data to Investigate the Joint Genetic Architecture of Psychiatric Disorders Grand Rounds, Department of Psychiatry, University of Michigan | |
| Disorders | 20 |

Evaluating Longitudinal Changes in the Human Structural Connectome in Relation to Cognitive Aging (PI)FUNDING: \$2,384,680

Jacobs Foundation Advanced Research Fellowship (PI)

FUNDING: \$343,141

FUNDING: \$440,000

Jacobs Foundation,

National Institute of Aging,

2018 - 2021

2017 - 2023

2018 - 2023

R01AG054628

National Institute of Child Health and Human Development, R01HD083613

2016 - 2021

FUNDING: \$2,970,899

Service_

Psychological Bulletin Washington DC, US CONSULTING EDITOR 2020 - present **Center on Aging and Population Sciences (CAPS)** Austin, US FACULTY COUNCIL 2020 - present **Major Research Institutions** N/A, US EXTERNAL REVIEWER: TENURE AND PROMOTION 2019 - present The University of Texas at Austin Austin, US I ORGANIZE FREE ONE-TIME METHODOLOGICAL WORKSHOPS ON SPECIAL TOPICS THAT ARE NOT WELL-COVERED BY EXISTING COURSE 2018 - present OFFERINGS AT UT **National Institutes of Health** Bethesda, US REVIEWER/AD HOC STUDY SECTION MEMBER: NMBH (2022), ZRG1 PSE L 90 (2021), ZRG1 PSE-Z(02) / N(07) (2020), BGES (2019), 2018 - present CHHD W (2018) The University of Texas at Austin Austin, US STATISTICAL ADVICE FOR STUDENTS WHO HAVE PREVIOUSLY COMPLETED MY COURSE IN STRUCTURAL EQUATION MODELING 2009 - present Ad Hoc Reviewer: Selected Journals N/A, US ADVANCES IN METHODS IN PSYCHOLOGICAL SCIENCE, AMERICAN PSYCHOLOGIST, AMERICAN SOCIOLOGICAL REVIEW, BEHAVIOR GENETICS, BIOLOGICAL PSYCHIATRY, CEREBRAL CORTEX, CHILD DEVELOPMENT, CHILD DEVELOPMENT PERSPECTIVES, CURRENT DIRECTIONS IN PSYCHOLOGICAL SCIENCE, DEMOGRAPHY, DEVELOPMENTAL PSYCHOLOGY, DEVELOPMENTAL SCIENCE, JOURNAL OF CHILD PSYCHOLOGY AND PSYCHIATRY, JOURNAL OF EXPERIMENTAL PSYCHOLOGY: GENERAL, JOURNAL OF PERSONALITY AND SOCIAL 2009 - present PSYCHOLOGY, MOLECULAR PSYCHIATRY, MULTIVARIATE BEHAVIORAL RESEARCH, NATURE, NATURE HUMAN BEHAVIOUR, NATURE NEUROSCIENCE, PERSPECTIVES ON PSYCHOLOGICAL SCIENCE, PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, PSYCHOLOGICAL BULLETIN, PSYCHOLOGICAL MEDICINE, PSYCHOLOGICAL REVIEW, PSYCHOLOGICAL SCIENCE, PSYCHOLOGY AND AGING, SCIENTIFIC REPORTS, SOCIAL PSYCHOLOGICAL AND PERSONALITY SCIENCE, TRANSLATIONAL PSYCHIATRY **Mentorship for Undergraduate Research Interns** Austin, US STUDENTS REGULARLY WORK WITH DATA FROM THE TEXAS TWIN PROJECT FOR INDEPENDENT RESEARCH PROJECTS, E.G. AS PART OF THE DEPARTMENTAL HONORS PROGRAM, THE BRIDGING DISCIPLINES PROGRAM, THE POLYMATHIC SCHOLARS PROGRAM, OR THE 2009 - present DEPARTMENT'S SUMMER UNDERGRADUATE RESEARCH EXPERIENCE (SURE) PROGRAM FOR TRADITIONALLY UNDERREPRESENTED GROUPS. **University of Texas at Austin** Austin, US SEARCH COMMITTEE FOR DIRECTOR OF THE SOCIAL AND BEHAVIORAL STATISTICS AND DATA SCIENCE (SBSDS) HUB 2023 - 2024 **Diversity in Cognitive Aging Search Committee** Austin, US 2020 - 2021

Mentoring and Teaching

MENTORING

Camille Williams, Ph.D.

CO-PRIMARY RESEARCH MENTOR FOR UT POSTDOCTORAL TRAINEE WITH K. P. HARDEN

2022 - present

Aditi Sabhlok

DISSERTATION COMMITTEE MEMBER 2021 - present

| Margaret Clapp PRIMARY RESEARCH MENTOR FOR UT GRADUATE STUDENT | 2020 |
|---|----------------|
| | 2020 - present |
| Javier de la Fuente, Ph.D. | 2010 |
| PRIMARY RESEARCH MENTOR FOR UT POSTDOCTORAL FELLOW/RESEARCH SCIENTIST | 2019 - present |
| James Madole Co-Primary Research Mentor for UT Graduate Student with K. P. Harden | 2017 procent |
| | 2017 - present |
| Aditi Sabhlok Secondary Research Mentor for UT Graduate Student with K. P. Harden | 2017 procent |
| | 2017 - present |
| Ted Schwaba, Ph.D., Assistant Professor at Michigan State University starting Fall 2023 | 2021 2022 |
| PRIMARY RESEARCH MENTOR FOR UT POSTDOCTORAL FELLOW/RESEARCH SCIENTIST | 2021 - 2023 |
| James Madole | 2021 2022 |
| DISSERTATION CO-CHAIR | 2021 - 2022 |
| Kelseanna Hollis-Hansen, Ph.D, currently Assistant Professor, UT Southwestern School of Public Health | |
| PRIMARY RESEARCH MENTOR FOR UT POSTDOCTORAL FELLOW | 2020 - 2022 |
| Lucy King, Ph.D., currently Computational Social Scientist at IDEO | |
| Primary Research Mentor for UT Postdoctoral Fellow | 2020 - 2022 |
| Laurel Raffington, Ph.D., currently Group Leader at Max Planck Institute for Human | |
| Development | |
| PRIMARY RESEARCH MENTOR FOR UT POSTDOCTORAL FELLOW WITH K. P. HARDEN | 2019 - 2022 |
| Cherry Youn | |
| Primary Research Mentor for UT Graduate Student | 2018 - 2022 |
| Travis Mallard, currently postdoctoral fellow at MGH/Harvard | |
| DISSERTATION COMMITTEE MEMBER | 2019 - 2021 |
| Andrew D. Grotzinger, currently Assistant Professor at University of Colorado Boulder | |
| PRIMARY RESEARCH MENTOR FOR UT GRADUATE STUDENT | 2015 - 2021 |
| Teaching | |
| Psychology | |
| Instructor for Structural Equation Modelling (PSY 384T) [one semester per year] | 2009 - present |
| Psychology | |
| Instructor for Individual Differences (PSY 345) [one semester per year] | 2009 - present |