

## DANIEL E. ADKINS

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### EDUCATION

2009 University of North Carolina at Chapel Hill, PhD in Sociology  
 2005 University of North Carolina at Chapel Hill, MA in Sociology  
 2002 East Tennessee State University, BA in Psychology, *magna cum laude*

### EMPLOYMENT

2022- Chair, University of Utah, Graduate Program in Statistics (beginning Summer 2022)  
 2021- Director of Graduate Studies, University of Utah, Sociology Department  
 2019- Associate Professor, University of Utah, Sociology Department  
 2019- Adjunct Associate Professor, University of Utah, School of Medicine, Psychiatry Department  
 2016- Faculty Affiliate, University of Utah, Consortium for Families and Health Research  
 2016-2019 Assistant Professor, University of Utah, Sociology Department  
 2016-2019 Adjunct Assistant Professor, University of Utah, School of Medicine, Psychiatry Department  
 2010-2016 Assistant Professor, Virginia Commonwealth University, Center for Biomarker Research and Precision Medicine  
 2007-2010 Research Associate/Postdoctoral Fellow, Virginia Commonwealth University, Center for Biomarker Research and Precision Medicine

### AREAS OF INTEREST

Quantitative Methods, Social determinants of health, Social epidemiology, Developmental psychopathology, Psychiatric genetics, Statistical genetics

### HONORS AND AWARDS

2009 Howard W. Odum Award (University of North Carolina at Chapel Hill)  
 2005 Shils-Coleman Award (American Sociological Association)  
 2005 Evolution and Sociology Section, Graduate Student Paper Award (ASA)  
 2005 Distinction, Doctoral Exam in Stratification (UNC Sociology)  
 2005 Carolina Population Center Summer Research Residency Award (UNC)  
 2004 Fellowship for Language and Area Studies (FLAS) (UNC)  
 2003-2006 NICHD T32 Predoctoral Fellowship (UNC Carolina Population Center)  
 2002-2003 Latané Fellowship for Multidisciplinary Studies (UNC)  
 1995 National Merit Scholar Semifinalist

## EXTERNAL GRANTS

- 2021-2024 Application #720484 Alexandra Terrill (PI)  
Craig H Neilsen Foundation  
*Testing SupportGroove: A novel mhealth intervention for couples coping with spinal cords injury*  
SupportGroove is a dyadic mhealth intervention for spinal cord injury (SCI). This study will provide an important foundation to collect additoinal data and refine our implementation strategy for a large-scale study to test the efficacy of SupportGroove. Role: Co-I
- 2018-2021 R01HD091405 Bethany G. Everett (PI)  
NIH/NICHD  
*The role of stress in shaping maternal, infant, and child health outcomes*  
This study examines perinatal health behaviors and maternal, infant, and child health outcomes among sexual minority women (SMW) and non-SWM women, as well as the effect of sexual minority specific policies on women's perinatal health behaviors. Role: Co-I
- 2017-2019 1R01HD095661 Jenny Higgins (PI)  
NIH/NICHD  
*Sexual acceptability's role in contraceptive preference and behavior*  
This study 1) documents sexual acceptability for various contraceptive methods, 2) determines associations between sexual acceptability and continuation over time, and 3) develops new, more valid sexuality measures for reproductive health research and interventions. Role: Co-I
- 2014-2016 1R01MH104576 Edwin van den Oord (PI)  
NIH/NIMH  
*Developmental methylomics of childhood trauma and its health consequences*  
The goal of this study is to identify longitudinal methylation changes in peripheral blood samples associated with childhood adversity and study short and long-term health consequences in samples from the Great Smoky Mountain Study. Role: Co-I
- 2011-2016 1K01MH093731 Daniel E. Adkins (PI)  
NIH/NIMH  
*Integrating genomic and environmental perspectives on internalizing disorders*  
The goal of this career development award was to provide advanced training in statistical genetics and bioinformatics, and examine the genetics of depression using the NIDA-GEDI samples. Role: PI
- 2009-2011 1RC2MH089996 Edwin van den Oord (PI)  
NIH/NIMH  
*Whole genome profiling to detect schizophrenia methylation markers*  
To identify methylation sites related to schizophrenia, we conduct a whole genome methylation profiling study in 750 schizophrenia cases and 750 controls, followed by independent replication using pyrosequencing. Role: Co-I
- 2006-2007 1F31MH079653 Daniel E. Adkins (PI)  
NIH/NIMH  
*Gene-environment interaction in adolescent depression*  
The goal of this project was to model the direct and interactive effects of environmental risk (e.g., childhood socioeconomic status and stressful life events) and monoamine genes on depression trajectories in adolescence and young adulthood. Role: PI

## PUBLICATIONS

H-index = 34, i10-index = 66: [scholar.google.com/daniel.e.adkins](https://scholar.google.com/daniel.e.adkins)

\*Co-first authorship; †Student or postdoctoral trainee first author; \*Corresponding senior author

- 72 Ed A. Muñoz, Rebecca Y Owen, Moises Prospero, **Daniel E. Adkins**. (2022). "Diversion and Restorative Justice: Salt Lake Peer Court Disrupting Disproportionate Minority Contact?" (In Press). *Sociology of Race and Ethnicity*.  
<https://doi.org/10.1177/23326492221078860>
- 71 Eshim S Jami [...], **Daniel E Adkins** [...], Meike Bartels, Christel Middeldorp (~120 authors). (2022). "Genome-wide association meta-analysis of childhood and adolescent internalising symptoms." (Accepted). *Journal of the American Academy of Child & Adolescent Psychiatry*.
- 70 Hill Ip, [...], **Daniel E Adkins** [...], Michel G. Nivard, Dorret I. Boomsma (~140 authors). (2021). "Genetic Association Study of Childhood Aggression across Raters, Instruments and Age." *Translational Psychiatry*, 11 (1): 1-9.
- 69 Bruce J Ellis, Nila Shakiba, **Daniel E Adkins**, Barry Lester. (2021). "Early external-environmental and childhood internal-health predictors of risky adolescent behavior." *Developmental Psychobiology*, 63 (3): 556-571.
- 68 Zobayer Ahmmad† and **Daniel E Adkins**. (2021). "Ethnicity and acculturation: Asian American substance use from early adolescence to mature adulthood." *Journal of Ethnic and Migration Studies*, 47 (19), 4570-4596.
- 67 Jenna Alley†, Rebecca Y Owen, Sarah E Wawrzynsk, Lauren Lasrich, Zobayer Ahmmad, Rebecca Utz, **Daniel E Adkins**\*. (2021). "Illness, social disadvantage, and risky sexual behavior in adolescence and the transition to adulthood." *Archives of Sexual Behavior*, 50 (1), 205-217.
- 66 Melissa A. Munn-Chernoff, [...] **Daniel E Adkins** [...], Cynthia Bulik, Arpana Agrawal (>200 authors). (2021). "Shared Genetic Risk between Eating Disorder- and Substance-Use-Related Phenotypes: Evidence from Genome-Wide Association Studies." *Addiction Biology*, 26 (1): e12880.
- 65 Emma C. Johnson, [...] **Daniel E Adkins**, [...] Arpana Agrawal (~100 authors). (2020). "A large-scale genome-wide association study meta-analysis of cannabis use disorder." *Lancet Psychiatry*, 7 (12): 1032-1045.
- 64 Anna R Docherty, Andrey A Shabalin, Emily DiBlasi, Eric Mosen, Niamh Mullins, **Daniel E Adkins**, Silviu-Alin Bacanu, Amanda V Bakian, Sheila Crowell, Todd M Darlington, Brandon Callor, Erik D Christensen, Douglas Gray, Brooks Keeshin, Michael Klein, John S Anderson, Leslie Jerominski, Caroline Hayward, David J Porteous, Andrew McIntosh, Qingqin Li, Hilary Coon. (2020). "Genome-wide association study of suicide death and polygenic prediction of clinical antecedents." *American Journal of Psychiatry*, 177 (10), 917-927.
- 63 Anna R Docherty, Andrey A Shabalin, **Daniel E Adkins**, Frank Mann, Robert F Krueger, Silviu-Alin Bacanu, Archie Campbell, Caroline Hayward, David J Porteous, Andrew M McIntosh, Kenneth S Kendler. (2020). "Molecular Genetic Risk for Psychosis Is Associated With Psychosis Risk Symptoms in a Population-Based UK Cohort: Findings From Generation Scotland." *Schizophrenia Bulletin*, 46 (5): 1045-1052.
- 62 Anne Kirby, Marissa Diener, **Daniel E Adkins**, Cheryl Wright. (2020). "Transition

- preparation activities among families of youth on the autism spectrum: Preliminary study using repeated assessments across a school year." *PLOS One*, 15 (4): e0231551.
- 61 Renato Polimanti, [...] **Daniel E Adkins** [...], Arpana Agrawal, Joel Gelernter (~40 authors). (2020). "Leveraging genome-wide data to investigate differences between opioid use vs. opioid dependence in 41,176 individuals from the Psychiatric Genomics Consortium." *Molecular Psychiatry*, 25 (8): 1673-1687.
- 60 Sara Grineski, Tim Collins, **Daniel E Adkins**. (2020). "Hazardous air pollutants are associated with worse performance in reading, math, and science among US primary schoolchildren." *Environmental Research*, 181: 108925.
- 59 Anna Docherty, Arden Moscati, T Bernard Bigdeli, Alexis C Edwards, Roseann Peterson, **Daniel E Adkins**, John S Anderson, Jonathan Flint, Kenneth S Kendler, Silviu-Alin Bacanu. (2020). "Pathway-based polygene risk for severe depression implicates drug metabolism in CONVERGE." *Psychological Medicine*, 50 (5), 793-798.
- 58 Bethany G. Everett, Michelle A. Kominariiek, Stefanie Mollborn, **Daniel E. Adkins**, Tonda L. Hughes. (2019). "Sexual Orientation Disparities in Pregnancy and Infant Outcomes." *Maternal and Child Health Journal*, 23 (1): 72-81.
- 57 Betty Lin†, Patricia K. Kerig, **Daniel E. Adkins**. (2019). "Cross-Validation of the Inventory of Callous-Unemotional Traits across Genders and Reporters in a Sample of Detained Youth." *Psychological Assessment*, 31 (1): 15-26.
- 56 Raymond K. Walters, [...] **Daniel E. Adkins**, [...] Joel Gelernter, Howard J. Edenberg, Arpana Agrawal (168 authors). (2018). "Trans-ancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders." *Nature Neuroscience*, 21 (12): 1656-1669.
- 55 Jessica Sanders, **Daniel E. Adkins\***, Simranvir Kaur, Kathryn Storck, Lori M Gawron, David K Turok. (2018). "Bleeding, Cramping, and Satisfaction among New Copper IUD Users: A Prospective Study." *PLOS One*, 13 (11): e0199724.
- 54 Jessica N. Sanders, Jenny A. Higgins, **Daniel E. Adkins**, Greg Stoddard, David K. Turok, Lori Gawron. (2018). "The Impact of Sexual Satisfaction, Functioning, and Perceived Contraceptive Effects on Sex Life on IUD and Implant Continuation at 1 Year." *Women's Health Issues*, 28 (5): 401-407.
- 53 Docherty, A.R., Fonseca-Pedrero, E., Debbane, M., Chan, R.C.K., Linscott, R.J., Jonas, K.G., Cicero, D.C., Green, M.J., Simms, L.J., Mason, O., Watson, D., Ettinger, U., Waszczuk, M., Rapp, A., Grant, P., Kotov, R., DeYoung, C.G., Ruggero, C.J., Eaton, N.R., Krueger, R.F., Patrick, C., Hopwood, C., O'Neill, F.A., Zald, D.H., Conway, C.C., **Adkins, D.E.**, Waldman, I.D., van Os, J., Sullivan, P.F., Anderson, J.S., Shabalin, A.A., Sponheim, S.R., Taylor, S.F., Grazioplene, R.G., Bacanu, S.A., Bigdeli, T.B., Haenschel, C., Malaspina, D., Gooding, D.C., Nicodemus, K., Schultze-Lutter, F., Barrantes-Vidal, N., Mohr, C., Carpenter, W. T., Cohen, A.S. (2018). "Enhancing psychosis-spectrum nosology with an international data sharing initiative." *Schizophrenia Bulletin*, 44 (Supplement 2): S460-S467.
- 52 Elisabeth Conradt, **Daniel E. Adkins**, Sheila Crowell, Lee Raby, Lisa Diamond, Bruce Ellis. (2018). "Incorporating epigenetic mechanisms to advance prenatal programming theories." *Development and Psychopathology*, 30 (3): 807-824.
- 51 Elisabeth Conradt, **Daniel E. Adkins**, Sheila Crowell, Catherine Monk, Michael Kobor.

- (2018). "An epigenetic pathway approach to investigating associations between prenatal exposure to maternal mood disorder and newborn neurobehavior." *Development and Psychopathology*, 30 (3): 881-890.
- 50 Anna R Docherty, Arden Moscati, Danielle Dick, Jeanne E Savage, Jessica E Salvatore, Megan Cooke, Fazil Aliev, Ashlee A Moore, Alexis C Edwards, Brien P Riley, **Daniel E Adkins**, Roseann Peterson, Bradley T Webb, Silviu A Bacanu, Kenneth S Kendler. (2018). "Polygenic prediction of the phenome, across ancestry, in emerging adulthood." *Psychological Medicine*, 48 (11): 1814-1823.
- 49 Ashlee A Moore, Chelsea Sawyers, **Daniel E. Adkins**, Anna R. Docherty. (2018). "Opportunities for an enhanced integration of neuroscience and genomics." *Brain Imaging and Behavior*, 12 (4): 1211-1219.
- 48 **Daniel E Adkins**, Kelli M Rasmussen, Anna R Docherty. (2018). "Social epigenetics and human behavior." *Oxford Handbook of Evolution, Biology & Society*, edited by Rosemary L Hopcroft. Oxford University Press. 379-408.
- 47 Robin Chan, Andrey Shabalina, Linying Xie, **Daniel Adkins**, Min Zhao, Gustavo Turecki, Shaunna Clark, Karolina Aberg, Edwin van den Oord. (2017). "Enrichment methods provide a feasible approach to comprehensive and adequately powered investigations of the brain methylome." *Nucleic Acids Research*, 45 (11): e97.
- 46 **Daniel E Adkins**. (2017). "Machine learning and electronic health records: A paradigm shift." *American Journal of Psychiatry*, 174 (2): 93-94.
- 45 Anna R Docherty, Alexis C Edwards, Fuzhong Yang, Roseann E Peterson, Chelsea Sawyers, **Daniel E Adkins**, Ashlee A Moore, Bradley T Webb, Silviu A Bacanu, Jonathan Flint, Kenneth S Kendler. (2017). "Age of onset and family history as indicators of polygenic risk for major depression." *Depression and Anxiety*, 34 (5): 446-452.
- 44 Shaunna L Clark, **Daniel E Adkins**, Karolina A Aberg, Gaurav Kumar, Sri Nerella, Linying Xie, Ann L Collins, James J Crowley, Corey R Quakenbush, Christopher E Hillard, Guimin Gao, Andrey A Shabalina, Roseann E Peterson, William E Copeland, Judy L Silberg, Hermine Maes, Patrick F Sullivan, Elizabeth J Costello, Edwin J van den Oord. (2017). "Deep sequencing of 71 candidate genes to characterize variation associated with alcohol dependence." *Alcoholism: Clinical and Experimental Research*, 41 (4): 711-718.
- 43 Alexis Edwards, Jon Heron, Vladimir Vladimirov, Aaron Wolen, **Daniel E Adkins**, Fazil Aliev, Matthew Hickman, and Kenneth Kendler. (2017). "The rate of change in alcohol misuse across adolescence is heritable." *Alcoholism: Clinical and Experimental Research*, 41 (1): 57-64.
- 42 Anna R Docherty, Arden Moscati, Roseann Peterson, **Daniel E Adkins**, Alexis Edwards, Silviu Bacanu, T. Bernard Bigdeli, Bradley Webb, Jonathan Flint, and Kenneth Kendler. (2016). "SNP-based heritability estimates of the personality dimensions and polygenic prediction of both neuroticism and major depression: Findings from CONVERGE." *Translational Psychiatry*, 6 (10): e926.
- 41 John Hettema, Takeshi Otowa, Karin Hek, Minyoung Lee, Enda Byrne, Saira Mirza, Michel Nivard, T Bigdeli, Steven Aggen, **Daniel E Adkins**, Aaron Wolen, Ayman Fanous, Matthew Keller, Enrique Castelao, Zoltan Kutalik, Sandra Van der Auwera, Georg Homuth, Matthias Nauck, Alexander Teumer, Jouke-Jan Hottenga, Nese Direk, Albert Hofman, André Uitterlinden, Cornelis Mulder, Anjali Henders, Sarah Medland, Scott

- Gordon, Andrew Heath, Pamela Madden, Michelle Pergadia, Peter van der Most, Ilja Nolte, Floor van Oort, Catharina Hartman, Albertine Oldehinkel, Martin Preisig, Hans Joergen Grabe, Christel Middeldorp, Brenda WJH Penninx, Dorret Boomsma, Nicholas Martin, Grant Montgomery, Brion Maher, Edwin van den Oord, Naomi Wray, and Henning Tiemeier. (2016). "Meta-analysis of genome-wide association studies of anxiety disorders." *Molecular Psychiatry*, 21 (10): 1391-9
- 40 Shaunna L Clark, Nathan A Gillespie, **Daniel E Adkins**, Kenneth S Kendler, Michael C Neale. (2016). "Psychometric modeling of abuse and dependence symptoms across six illicit substances indicates novel dimensions of misuse." *Addictive Behaviors*, 53(2): 132-140.
- 39 Stephanie M van Den Berg, Marleen HM de Moor, [...] **Daniel E Adkins**, [...] Dorret I Boomsma (122 authors). (2016). "Meta-analysis of genome-wide association studies for extraversion: findings from the Genetics of Personality Consortium." *Behavior Genetics*, 46 (2): 170-182.
- 38 Shaunna L Clark, Joseph L McClay, **Daniel E Adkins**, Karolina A Aberg, Gaurav Kumar, Sri Nerella, Linying Xie, Ann L Collins, James J Crowley, Corey R Quackenbush, Christopher E Hillard, Guimin Gao, Andrey A Shabalina, Roseann E Peterson, William E Copeland, Judy L Silberg, Hermine Maes, Patrick F Sullivan, Elizabeth J Costello, Edwin J van den Oord. (2016). "Deep sequencing of three loci implicated in large-scale GWAS smoking meta-analyses." *Nicotine & Tobacco Research*, 18 (5): 626-631.
- 37 Joseph L McClay, Andrey A Shabalina, Mikhail G Dozmorov, **Daniel E Adkins**, Gaurav Kumar, Srilaxmi Nerella, Shaunna L Clark, Sarah E Bergen, Christina M Hultman, Patrik KE Magnusson, Patrick F Sullivan, Karolina A Aberg, Edwin van den Oord. (2015). "High density methylation QTL analysis in human blood via next-generation sequencing of the methylated genomic DNA fraction." *Genome Biology*, 16 (291): 1-16.
- 36 **Daniel E Adkins**, Shaunna L Clark, William E Copeland, Martin Kennedy, Kevin Conway, Adrian Angold, Hermine Maes, Youfang Liu, Gaurav Kumar, Alaattin Erkanli, Ashwin A Patkar, Judy Silberg, Tyson H Brown, David M Fergusson, L John Horwood, Lindon Eaves, Edwin JCG van den Oord, Patrick F Sullivan, EJ Costello. (2015). "Genome-wide meta-analysis of longitudinal alcohol consumption across youth and early adulthood." *Twin Research and Human Genetics*, 18 (4): 335-447.
- 35 Marleen HM De Moor, Stephanie M Van Den Berg, [...] **Daniel E Adkins**, [...] Dorret I Boomsma (118 authors). (2015). "Meta-analysis of genome-wide association studies for neuroticism, and the polygenic association with major depressive disorder." *JAMA Psychiatry*, 72 (7): 642-650.
- 34 Gaurav Kumar, Shaunna L Clark, Joseph L McClay, Andrey A Shabalina, **Daniel E Adkins**, Linying Xie, Robin Chan, Srilaxmi Nerella, Yunjung Kim, Patrick F Sullivan, Christina M Hultman, Patrik KE Magnusson, Karolina A Aberg, Edwin JCG van den Oord. (2015). "Refinement of schizophrenia GWAS loci using methylome-wide association data." *Human Genetics*, 134 (1): 7-87.
- 33 James J Crowley, Yunjung Kim, Alan B Lenarcic, Corey R Quackenbush, Cordelia J Barrick, **Daniel E Adkins**, Ginger S Shaw, Darla R Miller, Fernando Pardo-Manuel de Villena, Patrick F Sullivan, William Valdar. (2014). "Genetics of drug response in the diallel: Heritable architecture of adverse reactions to haloperidol in mouse." *Genetics*,

- 196 (1): 321-347.
- 32 **Daniel E Adkins**, Joseph L McClay, Sarah A Vunck, Angela M Batman, Robert E Vann, Shaunna L Clark, Renan P Souza, James J Crowley, Patrick F Sullivan, Edwin JCG van den Oord, Patrick M Beardsley. (2013). "Behavioral metabolomics analysis identifies novel neurochemical signatures in methamphetamine sensitization." *Genes, Brain and Behavior*, 12 (8): 780-791.
- 31 **Daniel E Adkins**, Renan Souza, Karolina Aberg, Shaunna L Clark, Joseph McClay, Patrick Sullivan, Edwin van den Oord. (2013). "Genotype-based ancestral dimensions consistently predicts efficacy and side effects across treatments in CATIE and STAR\*D." *PLOS One*, 8 (2): e55239.
- 30 Shaunna L Clark, Renan Souza, **Daniel E Adkins**, Karolina Aberg, József Bukszár, Joseph McClay, Patrick Sullivan, Edwin van den Oord. (2013). "Genome-wide association study of patient and clinician rated Clinical Global Impression during antipsychotic treatment." *Pharmacogenetics and Genomics*, 23 (2): 69-77.
- 29 EJ Costello, Lindon Eaves, Patrick Sullivan, Martin Kennedy, Kevin Conway, **Daniel E Adkins**, A Angold, Shaunna L Clark, Joseph L McClay, William Copeland, Hermine Maes, Youfang Liu, Ashwin A Patkar, Judy Silberg, Edwin van den Oord. (2013). "Genes, environments, and development: Methods for a multi-site study of early substance abuse." *Twin Research and Human Genetics*, 16 (2): 505-515.
- 28 Joseph L McClay, **Daniel E Adkins**, Sarah A Vunck, Angela M Batman, Robert E Vann, Shaunna L Clark, Patrick M Beardsley, Edwin JCG van den Oord. (2013). "Large-scale neurochemical metabolomics analysis identifies multiple compounds associated with methamphetamine exposure." *Metabolomics*, 9 (2): 392-402.
- 27 Karolina A Aberg, Joseph L McClay, Srilaxmi Nerella, Lin Y Xie, Shaunna L Clark, Alexandra D Hudson, Jozsef Bukszár, **Daniel Adkins**, Swedish Schizophrenia Consortium, Christina M Hultman, Patrick F Sullivan, Patrik KE Magnusson, Edwin JCG van den Oord. (2012). "MBD-seq as a cost-effective approach for methylome-wide association studies: Demonstration in 1500 case-control samples." *Epigenomics*, 4 (6): 605-621.
- 26 Tyson H Brown, Angela O'Rand and **Daniel E Adkins**. (2012). "Race-ethnicity and health trajectories: Tests of three hypotheses across multiple groups and health outcomes." *Journal of Health and Social Behavior*, 53 (3): 359-377.
- 25 **Daniel E Adkins**, Shaunna Clark, Karolina Aberg, John M Hettema, Joseph L McClay, Renan Souza, Edwin JCG van den Oord. (2012). "Genomewide association study of citalopram-induced adverse drug reactions in STAR\*D." *Translational Psychiatry*, 2 (7): e129.
- 24 Sarah E Snider, Sarah A Vunck, Edwin JCG van den Oord, **Daniel E Adkins**, Joseph L McClay, Patrick M Beardsley. (2012). "The glial cell modulators, ibudilast and its amino analog, AV1013, attenuate methamphetamine locomotor activity and its sensitization in mice." *European Journal of Pharmacology*, 679 (1-3): 75-80.
- 23 James J Crowley, Yunjung Kim, Jin Peng Szatkiewicz, Amanda L Pratt, Corey R Quackenbush, **Daniel E Adkins**, Edwin van den Oord, Molly A Bogue, Hyuna Yang, Wei Wang, David Threadgill, Fernando Pardo-Manuel de Villena, Howard L McLeod, Patrick F Sullivan. (2012). "Genome-wide association mapping of loci for antipsychotic-induced extrapyramidal symptoms in mice."

- Mammalian Genome*, 23 (5-6): 322-335.
- 22 **Daniel E Adkins**, Amit N Khachane, Joseph L McClay, Karolina Åberg, Jozsef Bukszár, Patrick F Sullivan, Edwin JCG van den Oord. (2012). "SNP-based analysis of neuroactive ligand-receptor interaction pathways implicates PGE2 as a novel mediator of antipsychotic treatment response: Data from the CATIE Study." *Schizophrenia Research*, 135 (3): 200-201.
  - 21 Shaunna Clark, **Daniel E Adkins**, Karolina Aberg, John M Hettema, Joseph L McClay, Renan Souza, Edwin JCG van den Oord. (2012). "Pharmacogenomic study of side effects for antidepressant treatment options in STAR\*D." *Psychological Medicine*, 42 (6): 1151-1162.
  - 20 **Daniel E Adkins**, Jonathan K Daw, Joseph L McClay, Edwin JCG van den Oord. (2012). "The influence of five monoamine genes on trajectories of depressive symptoms across adolescence and young adulthood." *Development and Psychopathology*, 24 (1): 267–285.
  - 19 James J Crowley, **Daniel E Adkins**, Amanda L Pratt, Corey R Quackenbush, EJ Van den Oord, Sheryl S Moy, Kirk C Wilhelmsen, Thomas B Cooper, Molly A Bogue, Howard L McLeod, Patrick F Sullivan. (2012). "Antipsychotic-induced vacuous chewing movements and extrapyramidal side-effects are highly heritable in mice." *Pharmacogenomics Journal*, 12 (2): 147–155.
  - 18 Karolina Aberg, **Daniel E Adkins**, Youfang Liu, Joseph McClay, József Bukszár, Peilin Jia, Zhongming Zhao, Diana Perkins, Scott Stroup, Jeffrey A Lieberman, Patrick Sullivan, Edwin van den Oord. (2012). "Genome-wide association study of antipsychotic induced QTc interval prolongation." *Pharmacogenomics Journal*, 12(2): 165–172.
  - 17 Shaunna L Clark, **Daniel E Adkins**, Edwin JCG van den Oord. (2011). "Analysis of efficacy and side effects in CATIE demonstrates drug response subgroups and potential for personalized medicine." *Schizophrenia Research*, 132 (2-3): 114-120.
  - 16 Naomi J Spence, **Daniel E Adkins**, Matthew E Dupre. (2011). "Racial differences in depression trajectories among older women: socioeconomic, family, and health influences." *Journal of Health and Social Behavior*, 52 (4): 444-459.
  - 15 Joseph L McClay, **Daniel E Adkins**, Karolina Aberg, Jozsef Bukszár, Richard S Keefe, Diana O Perkins, Joseph P McEvoy, Scott Stroup, Robert E Vann, Patrick M Beardsley, Jeffrey A Lieberman, Patrick F Sullivan, Edwin JCG van den Oord. (2011). "Genome-wide pharmacogenomic study of neurocognition as an indicator of antipsychotic treatment response in schizophrenia." *Neuropsychopharmacology*, 36 (3): 616-626.
  - 14 **Daniel E Adkins**, Karolina Aberg, Joseph McClay, József Bukszár, Zhongming Zhao, Peilin Jia, Scott Stroup, Diana Perkins, Joseph McEvoy, Jeffrey A Lieberman, Patrick Sullivan, Edwin van den Oord. (2011). "Genomewide pharmacogenomic study of metabolic side effects to antipsychotic drugs." *Molecular Psychiatry*, 16 (3): 321-332.
  - 13 Joseph L McClay, **Daniel E Adkins**, Karolina Aberg, Scott Stroup, Diana Perkins, Vladimir Vladimirov, Jeffrey A Lieberman, Patrick Sullivan, Edwin van den Oord. (2011). "Genome-wide pharmacogenomic analysis of response to treatment with antipsychotics." *Molecular Psychiatry*, 16 (1): 76–85.
  - 12 Joseph L McClay, **Daniel E Adkins**, Nancy Isern, Thomas M O'Connell, Jan B Wooten, Barbara K Zedler, Madhukar S Dasika, Bradley Todd Webb, Bobbie-Jo Webb-Robertson, Joel G Pounds, Edward L Murrelle, Mark F Leppert, Edwin JCG van den Oord. (2010). "<sup>1</sup>H



- Nuclear magnetic resonance metabolomics analysis identifies novel urinary biomarkers for lung function." *Journal of Proteome Research*, 9 (6): 3083–3090.
- 11 **Daniel E Adkins**, Karolina Aberg, Joseph L McClay, John M Hettema, Susan G Kornstein, Jozsef Bukszár, Edwin JCG van den Oord. (2010). "Genomewide association study of citalopram response in major depressive disorder—A psychometric approach." *Biological Psychiatry*, 68 (6): e25-27.
  - 10 Hailong Meng, Andrew Joyce, **Daniel E Adkins**, Priyadarshi Basu, Yankai Jia, Guoya Li, Tapas K Sengupta, Barbara K Zedler, Edward L Murrelle, Edwin van den Oord. (2010). "A statistical method for eliminating non-variable CpG sites in high-throughput DNA methylation profiling." *BMC Bioinformatics*, 11 (227).
  - 9 Karolina Aberg, **Daniel E Adkins**, Joseph L McClay, John M Hettema, Susan G Kornstein, József Bukszár, Edwin JCG van den Oord. (2010). "Genomewide association study of movement-related adverse drug effects in schizophrenic patients." *Biological Psychiatry*, 67 (3): 279-282.
  - 8 Glen Elder, Victor Wang, Naomi Spence, **Daniel E Adkins**, and Tyson Brown. (2010). "Pathways to the all-volunteer military and young men's life chances." *Social Science Quarterly*, 91 (2): 455-475.
  - 7 **Daniel E Adkins** and Stephen Vaisey. (2009). "Genome, structure and status: Toward a unified theory of stratification." *Sociological Theory*, 27 (2): 99-121.
  - 6 Edwin JCG van den Oord, **Daniel E Adkins**, Joseph McClay, Jeffrey Lieberman, Patrick F Sullivan. (2009). "Estimating individual differences in treatment response in the CATIE schizophrenia study." *Schizophrenia Research*, 107 (1): 13-21.
  - 5 **Daniel E Adkins**, Victor Wang\*, Matthew Dupre, Edwin JCG van den Oord, Glen Elder. (2009). "Structure and stress: Trajectories of depressive symptoms across adolescence and young adulthood." *Social Forces*, 88 (1): 31-60.
  - 4 Guang Guo and **Daniel E Adkins**. (2008). "How is a statistical link established between a human outcome and a genetic variant?" *Sociological Methods and Research*, 37 (2): 201-226.
  - 3 **Daniel E Adkins** and Guang Guo. (2008). "Societal development and the shifting influence of the genome on status attainment." *Research in Social Stratification and Mobility*, 26 (3): 235-255.
  - 2 Patricia Garrett-Peters, Roger Mills-Koonce, **Daniel Adkins**, Lynne Vernon-Feagans, Martha Cox. (2008). "Early environmental correlates of maternal emotion talk." *Parenting: Science and Practice*, 8 (2): 117-152.
  - 1 **Daniel E Adkins**, Victor Wang and Glen Elder. (2008). "Stress processes and trajectories of depressive symptoms in early life: Gendered development." *Advances in Life Course Research*, 11 (1): 107-134.

## CONSORTIUM PUBLICATIONS

- 5 van der Laan, C.M., Camiel M. van der Laan, José J. Morosoli-García, Steve G. A. van de Weijer, Lucía Colodro-Conde, **ACTION Consortium**, Michelle K. Lupton, Brittany L. Mitchell, Kerrie McAloney, Richard Parker, Jane M. Burns, Ian B. Hickie, René Pool, Jouke-Jan Hottenga, Nicholas G. Martin, Sarah E. Medland, Michel G. Nivard & Dorret I. Boomsma. (2021). "Continuity of Genetic Risk for Aggressive Behavior across the Life-

- Course." *Behavior Genetics*, (2021). <https://doi.org/10.1007/s10519-021-10076-6>.
- 4 Renato Polimanti, Roseann E Peterson, Jue Sheng Ong, Stuart Macgregor, Alexis Edwards, Toni-Kim Clarke, Josef Frank, Zachary Gerring, Nathan A Gillespie, Penelope A Lind, Hermine H Maes, Nicholas G Martin, Hamdi Mbarek, Sarah E Medland, Fabian Streit, Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, **Substance Use Disorder Working Group of the Psychiatric Genomics Consortium**, 23andMe Research Team, Arpana Agrawal, Howard J Edenberg, Kenneth S Kendler, Cathryn M Lewis, Patrick F Sullivan, Naomi R Wray, Joel Gelernter, Eske M Derks. (2019). "Evidence of causal effect of major depression on alcohol dependence: Findings from the Psychiatric Genomics Consortium" *Psychological Medicine*, 49 (7): 1218-1226.
  - 3 Sandra Sanchez-Roige, Abraham A Palmer, Pierre Fontanillas, Sarah Elson, 23andMe Research Team, **Substance Use Disorder Working Group of the Psychiatric Genomics Consortium**, Mark J Adams, David M Howard, Howard J Edenberg, Gail Davies, Richard C Crist, Ian Deary, Andrew M McIntosh, Toni Kim Clarke. (2019). "Genome-Wide Association Study Meta-Analysis of the Alcohol Use Disorders Identification Test (AUDIT) in Two Population-Based Cohorts" *American Journal of Psychiatry*, 176 (2): 107-118.
  - 2 Joëlle A. Pasman, Karin J. H. Verweij, Zachary Gerring, Sven Stringer, Sandra Sanchez-Roige, Jorien L. Treur, Abdel Abdellaoui, Michel G. Nivard, Bart M. L. Baselmans, Jue-Sheng Ong, Hill F. Ip, Matthijs D. van der Zee, Meike Bartels, Felix R. Day, Pierre Fontanillas, Sarah L. Elson, the 23andMe Research Team, Harriet de Wit, Lea K. Davis, James MacKillop, **Substance Use Disorders Working Group of the Psychiatric Genomics Consortium**, International Cannabis Consortium, Jaime L. Derringer, Susan J. T. Branje, Catharina A. Hartman, Andrew C. Heath, Pol A. C. van Lier, Pamela A. F. Madden, Reedik Mägi, Wim Meeus, Grant W. Montgomery, A. J. Oldehinkel, Zdenka Pausova, Josep A. Ramos-Quiroga, Tomas Paus, Marta Ribases, Jaakko Kaprio, Marco P. M. Boks, Jordana T. Bell, Tim D. Spector, Joel Gelernter, Dorret I. Boomsma, Nicholas G. Martin, Stuart MacGregor, John R. B. Perry, Abraham A. Palmer, Danielle Posthuma, Marcus R. Munafò, Nathan A. Gillespie, Eske M. Derks, Jacqueline M. Vink. (2018.) "GWAS of lifetime cannabis use reveals new risk loci, genetic overlap with psychiatric traits, and a causal influence of schizophrenia." *Nature Neuroscience*, 21(9): 1161-1170.
  - 1 Pettersson E, Lichtenstein P, Larsson H, Song J, Attention Deficit/Hyperactivity Disorder Working Group of the iPSYCH-Broad-PGC Consortium, Autism Spectrum Disorder Working Group of the iPSYCH-Broad-PGC Consortium, Bipolar Disorder Working Group of the PGC, Eating Disorder Working Group of the PGC, Major Depressive Disorder Working Group of the PGC, Obsessive Compulsive Disorders and Tourette Syndrome Working Group of the PGC, Schizophrenia Working Group of the PGC + CLOZUK sample, **Substance Use Disorders Working Group of the Psychiatric Genomics Consortium**, Agrawal A, Børglum AD, Bulik CM, Daly MJ, Davis LK, Demontis D, Edenberg HJ, Grove J, Gelernter J, Neale BM, Pardini A, Stahl E, Walters JT, Walters R, Sullivan PF, Posthuma D, Polderman TJC. (2018). "Genetic influences on eight psychiatric disorders based on family data of 4,408,646 full and half siblings, and genetic data of 333,748 cases and controls." *Psychological Medicine*, 49 (7): 1166-1173.

## MANUSCRIPTS UNDER REVIEW

- **Daniel E Adkins**, Kyle Longest, Stephen Vaisey. "Physical attractiveness and

trajectories of depressive symptoms across adolescence and young adulthood." Revise and resubmit at *Social Science Research*.

- **Daniel E. Adkins**. "Statistical methods for incorporating genomic and epigenomic data into sociological research." *Frontiers in Sociology*, (Accepted).
- Adrienne Griffiths<sup>†</sup>, Rebecca Utz, **Daniel E. Adkins**. "Layering marginality: Disability and intimate partner violence risk." Under review at *Journal of Family Violence*.
- Tyson H Brown, Taylor Hargrove, Patricia Homan, **Daniel E Adkins**. "Racial stratification of health: Quantifying the roles of socioeconomic inequalities and stress processes" Revise and resubmit at *Demography*.
- Zobayer Ahmmad<sup>†</sup>, Kim Korinek, Ming Wen, **Daniel E Adkins**. "Changes in Smoking Prevalence from Adolescence to Adulthood among Asian Americans: Evidence of Selective Acculturation across Gender." Under review at *SSM-Mental Health*.
- Radhika Prasad<sup>†</sup>, Ming Wen, **Daniel E. Adkins**<sup>\*</sup>. "Investigating Moderation in the Prospective Relationship of Marijuana Use to Subsequent Illicit Substance Use: Evidence from Add Health." Under review at *Substance Use & Misuse*.

## WORKING PAPERS

- Jenica Barber<sup>†</sup> and **Daniel E Adkins**. "Heterogeneity in the effect of financial incentives on college graduation rates across race/ethnicity and gender: Fixed effects estimators of US States, 1977-2016" In preparation for *Sociology of Education*.
- Lisa Diamond, Jenna Alley, Claudia Geist, Bethany Everett, **Daniel E. Adkins**. "Childhood adversity and longitudinal patterns of sexual attraction across adolescence and adulthood." In preparation for *Journal of Adolescent Health*.
- Nathan Gillespie, [...], **Daniel E Adkins** [...], International Cannabis Consortium. "Large genome-wide association study meta-analysis of cannabis use."
- John Hettema, [...], **Daniel E Adkins** [...], Anxiety Working Group of the Psychiatric Genomics Consortium. "Large genome-wide association study meta-analysis of anxiety disorders."
- Tetyana Zayats, [...], **Daniel E Adkins** [...], ADHD Working Group of the Psychiatric Genomics Consortium. "Genetics of inattention and hyperactivity/impulsivity. Biological and clinical insights for attention deficit hyperactivity disorder."
- **Daniel E Adkins**. *Book proposal*: "Inequality's chisel: How society sculpts human biology."
- Tamanna Shah<sup>†</sup> and **Daniel E Adkins**. "Religious Hegemony, Polity, and Conflict"
- Hill Ip, [...], **Daniel E Adkins** [...], Michel G. Nivard, Dorret I. Boomsma (~165 authors). "Meta-analyses of Genetic Association Studies on Childhood ADHD symptoms and ADHD Diagnosis."

## PATENTS AND PATENTS PENDING

- |      |  |
|------|--|
| 2017 | "Metabolomics-based biomarkers for lung function." Joseph Louie McClay, Barbara K. Zedler, Edward Lenn Murrelle, Edwin J. C. G. Van Den Oord, Thomas O'Connell, <b>Daniel Adkins</b> . US Patent 9,823,204.<br><a href="https://patents.google.com/patent/US9823204B2/en">https://patents.google.com/patent/US9823204B2/en</a> .                                       |
| 2013 | "Risk factors of cigarette smoke-induced spirometric phenotypes." Bradley Todd Webb, Barbara K Zedler, Edward Lenn Murrelle, Mark Leppert, Edwin JCG Van Den Oord, <b>Daniel E Adkins</b> , Willie J McKinney. US Patent App. 13/541,479.<br><a href="https://patents.google.com/patent/US20130150250A1/en">https://patents.google.com/patent/US20130150250A1/en</a> . |
| 2013 | "DNA methylation biomarkers of lung function." Edward L Murrelle, Barbara K  |

Zedler, Andrew R Joyce, Edwin JCG van den Oord, Tapas K Sengupta, Hailong Meng, **Daniel E Adkins**. US Patent App. 13/541,507.  
<https://patents.google.com/patent/US20130150255A1/en>.

## PROGRAMMING AND ANALYTICAL SOFTWARE

Scripting: R, bash, Python, Perl  
Statistics: R, Stata, Mplus, Python, SPSS, SAS  
Bioinformatics: GATK, Minimac3, vcftools, samtools, Plink2, LDpred, BioMart, etc

## SELECTED PRESENTATIONS

- 2019 "Physical illness, social disadvantage, and risky sexual behavior in adolescence the transition to adulthood." Presented at International Convention of Psychological Science (ICPS) Annual Meeting
- 2018 "Physical illness, social disadvantage, and risky sexual behavior in adolescence and young adulthood." Invited presentation at Duke University, Population Research Institute (DUPRI)
- 2018 "Incorporating Genetic Information into Sociological Research", Invited panel speaker at American Sociological Association Annual Meeting
- 2017 "Current methylation research: 1. Placental methylomics in mother and child 2. Longitudinal methylomics of psychopathology and trauma." University of Utah, Eccles Institute of Human Genetics
- 2017 "Social inequality, epigenetics, and adaptation." Health, Society, and Policy (HSP) Program, and Sociology Department, University of Utah
- 2015 "Longitudinal study of the effect of childhood adversity on the methylome and subsequent depressed affect." Invited presentation at University of Utah, Consortium for Families and Health Research
- 2015 "Longitudinal methylomic study of female depression from childhood to young adulthood." Invited presentation at Duke University, School of Medicine: Epigenomics of Maltreatment Conference
- 2015 "Center for Biomarker Research and Precision Medicine: Research agenda and strategic priorities" Invited presentation at VCU School of Medicine
- 2014 "Deep sequencing of genes implicated in substance use disorder etiology" (w/ Shaunna Clark). Presented at Behavior Genetics Annual Meeting
- 2012 "Results from the GEDI gene  $\times$  development GWAS meta-analysis of alcohol consumption across adolescence and young adulthood." Presented at NIDA Genetics Consortium Spring Meeting
- 2011 "Measuring gene-environment interplay in the development of alcohol use: Preliminary results from GEDI." Invited presentation, International Society for Research in Child and Adolescent Psychopathology (ISRCAP) Meeting: Innovative Translational Models in Developmental Psychopathology
- 2011 "Duke/VCU/Christchurch GEDI GWAS results: Genomic predictors of substance use development." Presented at NIDA - Gene, Environment and Development Initiative (GEDI) Advisory Board Meeting
- 2010 "Racial differences in depression trajectories among older women: The roles of socioeconomic status and family." (w/ Naomi Spence). Presented at American Sociological Association Annual Meeting
- 2009 "Modeling antipsychotic response for GWAS in the CATIE schizophrenia sample." Invited presentation at the Virginia Institute of Psychiatric and Behavior Genetics,

VCU

- 2009 "Parenthood and trajectories of distress among women in later life: Race differences" (w/ Naomi Spence). Presented at the Population Association of America Annual Meeting
- 2008 "Military service as a bridge to opportunity" (w/ Victor Wang). Presented at the 2008 Society for Research on Adolescence Biennial Meeting
- 2008 "Stress processes and trajectories of depressive symptoms in early life: Gendered Development". Presented at the ASA Annual Meeting
- 2007 "Structure and stress: Trajectories of depressive symptoms across adolescence and young adulthood". Presented at the PAA Annual Meeting
- 2007 "Early maternal emotion talk: Contributions of income, ethnicity, and parenting quality." (w/ Patricia Garrett-Peters). Presented at the 2007 Society for Research in Child Development Biennial Meeting
- 2007 "Determinants of post-high school activities: Service in the U.S. volunteer armed forces." (w/ Glen Elder). Presented at the Service, Social (Dis)Advantage, and the Life Course Conference, Syracuse University
- 2005 "Toward a unified theory of stratification: Structure, genome, and status". Presented at the ASA Annual Meeting
- 2005 "The Role of Institutional Context in European Regional Fertility Profiles." Presented at the ASA Annual Meeting
- 2004 "Explaining differential fertility trajectories within Europe: The roles of policy, economic opportunity, and culture." Presented at the PAA Annual Meeting

## TEACHING EXPERIENCE

- 2021 Faculty Instructor, University of Utah, "Proseminar in Sociology" (Graduate, Sociology)
- 2021 Faculty Instructor, University of Utah, "Professional Development Forum" (Graduate, Sociology)
- 2021 Faculty Instructor, University of Utah, "Statistics I" (Graduate, Sociology)
- 2021 Faculty Instructor, University of Utah, "Statistics II" (Graduate, Sociology)
- 2020 Faculty Instructor, University of Utah, "Statistics I" (Graduate, Sociology)
- 2020 Faculty Instructor, University of Utah, "Research Methods" (Undergraduate, Sociology)
- 2020 Faculty Instructor, University of Utah, "Statistics II" (Graduate, Sociology)
- 2020 Faculty Instructor, University of Utah, "Methods of Social Research" (Graduate, Sociology)
- 2019 Faculty Instructor, University of Utah, "Statistics I" (Graduate, Sociology)
- 2019 Faculty Instructor, University of Utah, "Introduction to R", Two Day Summer Workshop, (Graduate/Faculty, College of Social and Behavioral Science)
- 2019 Faculty Instructor, University of Utah, "Statistics II" (Graduate, Sociology)
- 2018 Faculty Instructor, University of Utah, "Statistics I" (Graduate, Sociology)
- 2018 Faculty Co-Instructor, University of Utah, "Families and Health Research Practicum" (Graduate, Social and Behavioral Science)
- 2018 Faculty Instructor, University of Utah, "Statistics II" (Graduate, Sociology)
- 2017 Faculty Instructor, University of Utah, "Statistics I" (Graduate, Sociology)
- 2017 Faculty Instructor, University of Utah, "Research Methods" (Undergraduate, Sociology)
- 2017 Faculty Instructor, University of Utah, "Statistics II" (Graduate, Sociology)

2016	Faculty Instructor, University of Utah, "Statistics I" (Graduate, Sociology)
2015	Faculty Co-Instructor, VCU, "Statistics for Genetic Studies I", (Graduate, Human Genetics)
2012	Faculty Instructor, VCU, NIDA GEDI group "Workshop on GWAS methods in Plink and R"
2010	Faculty Co-instructor, VCU, NIDA-sponsored "Advanced Genetic Epidemiology and Statistical Molecular Genetics Workshop" (Graduate/Faculty, Human Genetics)
2006	Graduate Instructor, UNC, "Sociological Perspectives", (Undergraduate, Sociology)
2005	Teaching Assistant (to Kenneth Bollen and Patrick Curran), ICPSR at UNC, "Latent Trajectory Models", (Graduate/Faculty, ICPSR)
2004	Teaching Assistant (to Kenneth Bollen), ICPSR at University of Michigan, "Introduction to Structural Equation Modeling", (Graduate/Faculty, ICPSR)
2003	Teaching Assistant, UNC, "Introduction to Sociology", (Undergraduate, Sociology)
2002	Teaching Assistant, UNC, "Sociology of Family", (Undergraduate, Sociology)

## GRADUATE ADVISING

### Ongoing

2021-	Member, PhD dissertation, Roger Renteria, Sociology, University of Utah
2021-	Member, PhD dissertation, Ricardo Rubio, Sociology, University of Utah
2021-	Member, PhD dissertation, Samin Panahi Shabestari, Sociology, University of Utah
2021-	Member, PhD dissertation, Nhung Tran, Sociology, University of Utah
2020-	Co-chair, PhD dissertation, Maia Roberson, Sociology, University of Utah
2020-	Member, PhD dissertation, Tamanna Shah, Sociology, University of Utah
2020-	Member, PhD dissertation, Joy Qiao, Family and Consumer Studies, University of Utah

### Complete

2019-2022	Chair, Master of Statistics project (MStat thesis), Keith Savage, University of Utah
2019-2021	Member, Third year paper (MA thesis), Samin Panahi Shabestari, Sociology, University of Utah
2019-2021	Co-chair, PhD dissertation, Zobayer Ahmmad, Sociology, University of Utah
2019-2020	Member, Third year paper (MA thesis), Maia Roberson, Sociology, University of Utah
2019-2020	Member, Third year paper (MA thesis), Adrienne Griffith, Sociology, University of Utah
2018-2020	Member, PhD dissertation, Rebecca Owen, Sociology, University of Utah
2018-2019	Chair, Master of Statistics project (MStat thesis), Jenica Barber, University of Utah
2018-2019	Chair, Third year paper (MA thesis), Zobayer Ahmmad, Sociology, University of Utah
2017-2019	Chair, Master of Statistics project (MStat thesis), Kelly Huynh, University of Utah

## ACADEMIC SERVICE

2022-	Chair, University of Utah, Graduate Program in Statistics (beginning Summer 2022)
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2022 Scientific Reviewer (Ad hoc), NIH CSR Special Emphasis Panel, ZRG1 PSE-N (91) Study Section

2021- Editorial Board Member, *Complex Psychiatry*

2021- Faculty Advisor, Graduate Student Advisory Committee, Department of Sociology, University of Utah

2021- Chair, Career-line Faculty Review Committee, Department of Sociology, University of Utah

2021- Member, Incentive Award Committee, Department of Sociology, University of Utah

2021- Member, Scheduling Committee, Department of Sociology, University of Utah

2021- Director of Graduate Studies, Department of Sociology, University of Utah

2021 Scientific Reviewer (Ad hoc), NIH CSR Behavioral Genetics and Epidemiology (BGES) Study Section

2021 Chair, Population Association of America (PAA) 2021 Annual Meeting, Session 1001: Biosocial Approaches to Population Health

2020-2022 Reviewer, Undergraduate Research Opportunities Program (UROP), College of Social and Behavioral Science, University of Utah

2020 Scientific Reviewer (Ad hoc), NIH CSR Biostatistical Methods and Research Design (BMRD) Study Section

2020-2021 Organizer, Population Association of America (PAA) 2021 Annual Meeting, Session 1001: Biosocial Approaches to Population Health

2020-2021 Organizer, Population Association of America (PAA) 2021 Annual Meeting, Session 1001-1: Biomarker Applications to Population Health Research

2019-2021 Member, CSBS Strategic Plan Committee, College of Social and Behavioral Science, University of Utah

2019- Member, Retention, Promotion, and Tenure (RPT) Committee, Department of Sociology, University of Utah

2019 Member (Substitute), Research Advisory Committee, College of Social and Behavioral Science, University of Utah

2018- Advisory Board Member, Undergraduate Quantitative Analysis Certificate, College of Social and Behavioral Science, University of Utah

2018- Sociology Track Director, University Statistics Committee, University of Utah

2018-2019 Member, Committee on Nominations, American Sociological Association, Evolution, Biology, and Society Section

2018-2019 Co-mentor, Vice President's Clinical & Translational (VPCAT) Research Scholars Program, Jessica Sanders

2016- Statistical Consultant, Consortium for Families and Health Research (CFAHR), College of Social and Behavioral Science, University of Utah

2016- Member, Graduate Committee, Utah Sociology

2016-2019 Associate, HER Salt Lake, School of Medicine, University of Utah

2016-2017 Coordinator, Undergraduate tutoring program in Statistics and Research Methods, Utah Sociology

2016-2017 Committee Member, Undergraduate Quantitative Analysis Certificate program development, CSBS, University of Utah

2015-2019 Editorial Board Member, *Frontiers in Sociology*

2013-2021 Steering Committee Member, Substance Use Disorder Working Group of the Psychiatric Genomics Consortium (PGC)

2013-2015 Member, Genetics of Personality Consortium

2012-2014 Steering Committee Member, Study of Addiction: Genetics and Environment (SAGE), Alcohol Meta-Analysis Consortium  
2010 Shils-Coleman Award Committee, American Sociological Association  
2008-2009 Associate Editor, *Social Forces*  
2006 Associate Editor, *Social Forces Special Issue on Biology and Sociology*

## ACADEMIC AFFILIATIONS

2020- Population Association of America  
2018- Center on Aging, University of Utah  
2016- Developmental Adaptation, Stress and Health (DASH) Research Collaborative, College of Social and Behavioral Science, University of Utah  
2016- Consortium for Families and Health Research (CFAHR), College of Social and Behavioral Science, University of Utah  
2013- Substance Use Disorder Working Group of the Psychiatric Genomics Consortium (PGC)  
2010- Gene, Environment, and Development Initiative (GEDI, Duke-VCU-Christchurch)

## AD HOC JOURNAL REVIEWER

**Sociology:** *American Sociological Review, American Journal of Sociology, Social Forces, Demography, Journal of Health and Social Behavior, Sociology of Education, Social Science Research, Frontiers in Sociology, Journal of Gerontology: Social Sciences, SSM-Mental Health*

**Psychology:** *Current Directions in Psychological Science, International Journal of Behavioral Development, Nature Human Behavior, Frontiers in Behavioral Neuroscience*

**Psychiatry:** *Journal of Affective Disorders, Depression and Anxiety, Schizophrenia Research, Translational Psychiatry, Archives of General Psychiatry, American Journal of Psychiatry, Molecular Psychiatry, JAMA Psychiatry, Progress in Neuro-Psychopharmacology and Biological Psychiatry, Bipolar Disorders*

**Genetics/Omics:** *Pharmacogenetics and Genomics, American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, Genes Brain and Behavior, PLoS Genetics, BMC Genomics, Epigenomics, Journal of Proteomics, Metabolomics, Trends in Molecular Medicine*

**Miscellaneous:** *BMJ Open, PLoS ONE, American Journal of Public Health, Scientific Reports, etc.*

**Book Manuscript Reviewer:** *Oxford University Press*