

## Colter Mitchell

University of Michigan-Ann Arbor  
Institute of Social Research  
[cmsm@umich.edu](mailto:cmsm@umich.edu)

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Ann Arbor, MI 48106  
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### PROFESSIONAL POSITIONS

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- 2015-Present *Research Assistant Professor*  
Survey Research Center, University of Michigan-Ann Arbor
- 2014-Present *Associate Director and Research Faculty*  
Bio-Social Methods Collaborative, University of Michigan-Ann Arbor
- 2014-Present *Research Affiliate*  
Center for Human Growth and Development, University of Michigan-Ann Arbor
- 2014-Present *Research Faculty*  
Michigan Center on the Demograph of Aging, University of Michigan-Ann Arbor
- 2012-Present *Faculty Associate*  
Population Studies Center, University of Michigan-Ann Arbor
- 2012-2015 *Faculty Research Fellow*  
Survey Research Center, University of Michigan-Ann Arbor

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### EDUCATION & TRAINING

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Postdoctoral Fellow	2012	Biodemography	Princeton University
Ph.D.	08/2009	Sociology	University of Michigan, Ann Arbor
M.A.	04/2007	Statistics	University of Michigan, Ann Arbor
M.S.	08/2003	Sociology	Brigham Young University
B.S.	08/2001	Sociology-Research & Analysis	Brigham Young University

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### PEER REVIEWED ARTICLES

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- Allendorf, Keera, Arland Thornton, **Colter Mitchell**, Linda Young-DeMarco, and Dirgha J. Ghimire. 2017. "Early women, late men: Timing attitudes and gender differences in marriage." *Journal of Marriage and Family*, 79(5): 1478-1496. PMC5679473.
- Goosby, Bridget J., Jacob E. Cheadle, and **Colter Mitchell**. 2017. "Discrimination and racial inequities in health (Biosocial Mechanisms)". *Annual Review of Sociology* 43(1).
- James, Sarah, Sara McLanahan, Jeanne Brooks-Gunn, **Colter Mitchell**, Lisa Schneper, Brandon Wagner, and Daniel A. Notterman. 2017. "Sleep duration and telomere length in children." *The Journal of Pediatrics* 187: 247-252. PMC5662004.

- Mitchell, Colter**, Sara McLanahan, Lisa Schneper, Irv Garfinkel, Jeanne Brooks-Gunn, and Daniel Notterman. 2017. "Father loss and child telomere length." *Pediatrics* 140(2).
- Needham, Belinda L., Margaret T. Hicken, Ishtar O. Govia, **Colter Mitchell**, and Cleopatra M. Abdou. 2017. Maternal social disadvantage and newborn telomere length in archived dried blood spots from the Michigan Neonatal Biobank. *Biodemography and Social Biology* 63(3): 221-235.
- Ratanatharathorn, Andrew, Marco P. Boks, Adam X. Maihofer, Allison E. Aiello, Ananda B. Amstadter, Allison E. Ashley-Koch...(including **Colter Mitchell**)...Alicia K. Smith. 2017. "Epigenome-wide association of PTSD from heterogeneous cohorts with a common multi-site analysis pipeline." *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics* 174(6): 619-630.
- Stein, Murray B., Erin B. Ware, **Colter Mitchell**, Chia-Yen Chen, Susan Borja, Tianxi Cai, Catherine L. Dempsey, Carol S. Fullerton, Joel Gelernter, Steven G. Heeringa, Sonia Jain, Ronald C. Kessler, James A. Naifeh, Matthew K. Nock, Stephan Ripke, Xiaoying Sun, Jean C. Beckham, Nathan A. Kimbrel, VA Mid-Atlantic Mental Illness Research, Education and Clinical Center (MIRECC) Workgroup, Robert J. Ursano, and Jordan W. Smoller. 2017. "Genomewide association studies of suicide attempts in U.S. soldiers." *American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics* 174(8): 786-797. PMC5685938.
- Ware, Erin B., Lauren L. Schmitz, Jessica D. Faul, Arianna Gard, **Colter Mitchell**, Jennifer A. Smith, Wei Zhao, David Weir, and Sharon L. Kardia. 2017. "Heterogeneity in polygenic scores for common human traits." *bioRxiv*.
- Binstock, Georgina, Arland Thornton, **Colter Mitchell**, Yu Xie, Linda Young-DeMarco, and Kathryn Yount. 2016. "Evaluating the measurement reliabilities of developmental idealism measures." *Chinese Journal of Sociology* 2(4): 609-635.
- Trentacosta, Christopher J., Pamela Davis-Kean, **Colter Mitchell**, Luke Hyde, and Dana Dolinoy. 2016. "Environmental contaminants and child development." *Child Development Perspectives* 10(4): 228-233.
- Faul, Jessica, **Colter Mitchell**, Jennifer Smith, and Wei Zhao. 2016. "Estimating telomere length heritability in an unrelated sample of adults: Is heritability of telomere length modified by lifecourse socioeconomic status?" *Biodemography and Social Biology* 62(1): 72-86. PMC5117361.
- Stein, Murray, Chia-Yen Chen, Robert J. Ursano, Tianxi Cai, Joel Gelernter, Steven Heeringa, Sonia Jain, Kevin P. Jensen, Adam X. Maihofer, **Colter Mitchell**, Caroline M. Nievergelt, Matthew K. Nock, Benjamin Neale, Renato Polimanti, Stephan Ripke, Xiaoying Sun, Michael L. Thomas, Qian Wang, Erin B. Ware, Susan Borja, Ronald C. Kessler, and Jordan W. Smoller. 2016. "Genomewide association studies of posttraumatic stress disorder in two cohorts of US army soldiers." *JAMA Psychiatry* 73(7): 695-704. PMC4936936.
- Mitchell, Colter**, Lisa M. Schneper, and Daniel Notterman. 2016. "DNA methylation, early life environment, and health outcomes." *Pediatric Research* 79: 212-219. PMC4798238.
- Notterman, Daniel, and **Colter Mitchell**. 2015. "Epigenetics and understanding the impact of social determinants of health." *Pediatric Clinics of North America* 62(5): 1227-1240. PMC4555996.

- Mitchell, Colter**, Sara McLanahan, John Hobcraft, Jeanne Brooks-Gunn, Irwin Garfinkel, and Daniel Notterman. 2015. "Family structure instability, genetic sensitivity, and child well-being." *American Journal of Sociology* 120(4): 1195-1225. PMC5033051.
- Wiggins, Jillian Lee, **Colter Mitchell**, Luke W. Hyde, and Christopher S. Monk. 2015. "Identifying early pathways of risk and resilience: The co-development of internalizing and externalizing symptoms and the role of harsh parenting." *Development and Psychopathology* 27(4 part 1): 1295-1312. PMC4961476.
- Wiggins, Jillian Lee, **Colter Mitchell**, Argyris Stringaris, and Ellen Leibenluft. 2014. "Developmental trajectories of irritability and bidirectional associations with maternal depression" *Journal of the American Academy of Child and Adolescent Psychiatry* 53(11): 1191-1205. PMC4254549.
- Lewandowski-Romps, Lisa, Christopher Peterson, Patricia A. Berglund, Stacey Collins, Keith Hauret, Bruce Jones, Ronald C. Kessler, **Colter Mitchell**, Nansook Park, Murry Stein, Michael Schoenbaum, and Steven G. Heeringa. 2014. "Risk and resilience factors for accidental deaths in the U.S. army: Results from the army study to assess risk and resilience in service members (STARRS)" *American Journal of Preventive Medicine* 77: 107-119.
- Mitchell, Colter**, John Hobcraft, Sara McLanahan, Susan R. Siegel, Arthur Berg, Jeanne Brooks-Gunn, Irwin Garfinkel, and Daniel Notterman. 2014. "Social disadvantage, genetic sensitivity, and children's telomere length." *Proceedings of the National Academy of Sciences* 111(16): 5944-5949. PMC4000782.
- Falk, Emily B.<sup>1</sup>, Luke W. Hyde<sup>1</sup>, **Colter Mitchell**<sup>1</sup>, Jessica Faul, Richard Gonzalez, Mary Heitzeg, Daniel P. Keating, Kenneth M. Langa, Meghan E. Martz, Julie Maslowsky, Frederick J. Morrison, Douglas C. Noll, Megan E. Patrick, Fabian T. Pfeffer, Patricia A. Reuter-Lorenz, Moriah E. Thomason, Pamela Davis-Kean<sup>2</sup>, Christopher S. Monk<sup>2</sup>, and John Schulenberg<sup>2</sup>. 2013. "What is a representative brain? Neuroscience meets population science." *Proceedings of the National Academy of Sciences* 110(44): 1615-22. <sup>1</sup>Joint First Authors, <sup>2</sup>Senior Authors PMC3816464.
- Mitchell, Colter**, Sara McLanahan, Jeanne Brooks-Gunn, Irwin Garfinkel, John Hobcraft, and Daniel Notterman. 2013. "Genetic differential sensitivity to social environments: Implications for research." *American Journal of Public Health* 103(S1): S102-S110. PMC4012542.
- Thornton, Arland, Dirgha J. Ghimire, and **Colter Mitchell**. 2012. "The measurement and prevalence of developmental thinking about the family: Evidence from Nepal." *Population Studies: A Journal of Demography* 66(3): 329-345. PMC3505987.
- Thornton, Arland, Georgina Binstock, Mohammad J. Abbasi-Shavazi, Dirgha Ghimire, Arjan Gjonca, Attila Melegh, **Colter Mitchell**, Mansoor Moaddel, Yu Xie, Li-Shou Yang, Linda Young-DeMarco and Kathryn Yount. 2012. "Knowledge and beliefs about national development and developmental hierarchies: The viewpoints of ordinary people in thirteen countries." *Social Science Research* 41: 1053-1068. PMC3462366.
- Heaton, Tim B. and **Colter Mitchell**. 2012. "Changing intergroup boundaries in intermarriage in Brazil: 1991-2008." *Journal of Comparative Family Studies* 43: 461-482. PMC3768282.
- Mitchell, Colter**, Daniel Notterman, Jeanne Brooks-Gunn, Iulia Kotenko, Kate Jaeger, John Hobcraft, Irwin Garfinkel, and Sara McLanahan. 2011. "The role of mother's genes and environment on postpartum depression." *Proceedings of the National Academy of Sciences* 108(20): 8189-8193. PMC3100926.

**Mitchell, Colter**, Xuaning Fu, Tim B. Heaton, and Cardell K. Jacobson. 2010. "Urbanization, education and racial intermarriage in Brazil" *International Journal of Contemporary Sociology* 47(2): 273-294. PMC3775502.

**Mitchell, Colter**. 2010. "Are divorce studies trustworthy? The effects of survey nonresponse and response errors" *Journal of Marriage and Family* 72(4): 893-904. PMC3319113.

Bahr, Howard M., **Colter Mitchell**, Xiaomin Li, Alison Walker, and Kristen Sucher. 2004. "Trends in family time/ space, conflict and solidarity: Middletown: 1924-1999." *City and Community* 3(3): 263-291.

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#### BOOK CHAPTERS, BOOK REVIEWS, AND OTHER PUBLICATIONS

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**Mitchell, Colter**. 2016. "The Genetics of Social Behavior: A Hopeless Opus?" *Handbook of Evolution, Biology, and Society*, Rosemary Hobcraft (Ed).

**Mitchell, Colter** and Daniel Notterman. 2014. "Reply to Drury and Theall: No Evidence Of Population Stratification" *Proceedings of the National Academy of Sciences* 111(24): E2442. Letters, online only.

**Mitchell, Colter**. 2014. "Born Together-Reared Apart: The Landmark Minnesota Twin Study" *Contemporary Sociology: A Journal of Reviews* 43(2): 262-264.

**Mitchell, Colter**. 2011. "Biosocial Foundations of Family Processes Edited by Alan Booth, Susan M. McHale and Nancy S. Landale." *Biodemography and Social Biology* 57: 258-260.

Thornton, A., S. Achen, J. Barber, G. Binstock, W. Garrison, D. Ghimire, W. Guangzhou, R. Inglehart, R. Jayakody, Y. Jiang, J. de Jong, R. Lesthaeghe, S. Mehenna, **C. Mitchell**, M. Moaddel, M.B. Ofstedal, N. Schwarz, Y. Xie, L.S. Yang, L. Young-DeMarco, and K. Yount. 2010 "Process and Method for Creating Questions and Protocols for an International Study of Developmental Idealism, Developmental Thinking, and Family Life." In *Survey Methods in Multinational, Multiregional and Multicultural Contexts*, edited by M. Braun, B. Edwards, J. Harkness, T. Johnson, L. Lyberg, P. Mohler, B.E. Pennell, and T.W. Smith. Hoboken, NJ: John Wiley and Sons. *Winner of the 2013 American Association for Public Opinion Research (AAPOR) book award.*

Axinn, William G., Amie Emens and **Colter Mitchell**. 2008. "Ideational Influences on Family Change in the United States" Pp. 119-149 in *International Family Change: Ideational Perspectives*, edited by R. Jayakody, A. Thornton, and W. Axinn. Mahwah, NJ: Lawrence Erlbaum Associates.

**Mitchell, Colter** and John P. Hoffmann. 2004. *Solution Manual to Accompany Generalized Linear Models: An Applied Approach* by John P. Hoffmann. Boston, MA: Allyn & Bacon.

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#### MANUSCRIPTS UNDER REVIEW

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Allendorf, Keera, Arland Thornton, Linda Young-DeMarco, Dirgha Ghimire, and **Colter Mitchell**. "Developmental idealism, marriage and fertility"

Allendorf, Keera, Arland Thornton, **Colter Mitchell**, and Linda Young-DeMarco. "A good time to marry? The influence of intergenerational age values on marriage" (Revise and Resubmit to *Journal of Marriage and Family*)

Lewandowski-Romps, Lisa, Christopher Peterson, Patricia A. Berglund, Stacey Collins, Keith Hauret, Bruce Jones, Ronald C. Kessler, **Colter Mitchell**, Nansook Park, Murry Stein, Michael Schoenbaum, and Steven G. Heeringa. “Medical-encounter mental health diagnoses, non-fatal injury and polypharmacy indicators of risk for accident death in the US Army, 2004-2009”

McFarland, Michael, Sara McLanahan, Jeanne Brooks-Gunn, **Colter Mitchell**, Richard Gonzalez, Irwin Garfinkel, and Daniel Notterman. “Concentrated child poverty and obesity: A genetically-informed approach incorporating TMEM18” (Revise and Resubmit to *Journal of Health and Human Behavior*)

**Mitchell, Colter** “The revenge of modernization theory: People’s beliefs about the connection between family and social change”

**Mitchell, Colter**. “Whose will dominates? Individual, family and community influences on participation in spouse selection”

Mitchell, C., Faul, J. D., Kho, M., Zhao, W., Hillman, T. J., & Smith, J. A. “Genetic burden and early life socioeconomic status jointly influence memory performance and decline in older adults.”

**Mitchell, Colter**, Sara McLanahan, Irv Garfinkel, and Daniel Notterman. “Father loss and telomere length in mother-child pairs”

**Mitchell, Colter** and Vaughn R.A. Call. “Respondent cooperation and requests for contacts in longitudinal research.” (Revise and Resubmit to *Sociological Methods and Research*)

**Mitchell, Colter**, Miles Kimball, Arland Thornton, and Linda Young-DeMarco. “Reciprocal influences of education on values concerning family, careers, and society.”

**Mitchell, Colter** and *Army STARRS Biomarker Working Group*. “Telomere erosion in response to high stress deployment and PTSD”

**Mitchell, Colter** and *Army STARRS Biomarker Working Group*. “Predicting psychopathology in response to high stress deployment using DNA methylation profiles”

Stein, Murray B., Erin Ware, **Colter Mitchell**, Chia-Yen Chen, Tianxi Cai, Joel Gelernter, Steven Heeringa, Sonia Jain, Kevin P. Jensen, Adam Maihofer, , Caroline M. Nievergelt, Matthew K. Nock, Benjamin M. Neale, Stephan Ripke, Xiaoying Sun, Michael L. Thomas, Ronald C. Kessler, Jordan W. Smoller, Robert J. Ursano. “Genomewide analysis of suicide attempts in US army soldiers”

Ware, E. B., Schmitz, L. L., Faul, J. D., Gard, A. M., Mitchell, C. M., Smith, J. A., . . . Kardina, S. L. R. “Heterogeneous effects of polygenic scores for common human traits due to the method of construction.”

## MANUSCRIPTS IN PROGRESS

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Boynton Jarrett, Renee, **Colter Mitchell**, Jeanne Brooks-Gunn, and Daniel Notterman. “The Influence and interplay of genetic effects and obesity trajectories of mothers on early childhood obesity in three racial groups.”

Geller, Amanda B., Jeanne Brooks-Gunn, Irwin Garfinkel, Sara McLanahan, **Colter Mitchell**, and Daniel Notterman. 2015. Children's Genetic Sensitivity to the Effects of Parental Incarceration.

James, Sarah, Sara McLanahan, Jeanne Brooks Gunn, **Colter Mitchell**, Daniel Notterman, and Irwin Garfinkel. "Sleep duration, behavior problems, and children telomere length."

Massey, Douglas Brandon Wager, Sara McLanahan, Jeanne Brooks Gunn, **Colter Mitchell**, and Daniel Notterman. "Neighborhood disadvantage and telomere length: results from the fragile families and child wellbeing study."

Wagner, Brandon, Sara McLanahan, Jeanne Brooks Gunn, Daniel Notterman, Irwin Garfinkel and **Colter Mitchell**. "Family structure and children's telomere lengths."

**Mitchell, Colter**, Jessica D. Faul, Kate Jaeger, Jeremy Freese and Kathleen Mullan Harris. "Nonresponse, measurement error, and data quality for Salivary DNA collection and analysis in seven population-based studies."

**Mitchell, Colter**, John Hobcraft, Arthur Berg, Willard Freeman, Jeanne Brooks-Gunn, Irwin Garfinkel, Sara McLanahan, and Daniel Notterman "Genome-wide epigenetic signatures of family environment in 9 year old children"

**Mitchell, Colter**, Jillian Lee Wiggins, Jeanne Brooks-Gunn and Sara McLanahan. "Family Structure, parenting, genes and the co-development of behavioral problems"

Mitchell, Colter, Arland Thornton, Miles Kimball, and Linda Young-DeMarco. "Empirics on the origins of preferences: The case of college major and religiosity." (NBER Working Paper #15182)

**Mitchell, Colter**, Steven Heeringa, Roderick Little. 2015. What is a representative genome? The challenges and benefits of applying complex survey weights to genome-wide data.

Silunius, Andreja, **Colter Mitchell**, Sara McLanahan, Irwin Garfinkel, and Daniel Notterman. "Socioeconomic status and telomere length: Individual, family, neighborhood and city effects."

## GRANTS

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### *Current*

2016 2017 10 Jacobs Foundation Research Fellowship 2017-2019. 01/17 – 12/19 Role: Principal Investigator

R01MD011716 Epigenetic Mediation of Adverse Social Context on Stress Response, Socioemotional Development, and Health in a Population-based Study of Minority and Low SES Children and Adolescents. 08/17 – 05/22 Role: Principal Investigator

R25 AG053227 Genomic Analysis for Social-Behavioral Scientists. Faul/Kardia/Mitchell (MPI's) 09/16-04/21 Role: Multiple Principal Investigator

R01 MH110872 Understanding the Connections among Genes, Environment, Family Processes and Mental Health. Axinn (PI) 09/16 – 06/21 Role: Co-Investigator

R01 HD076592 Reciprocal Genetic-Environmental Interactions during Childhood and Adolescence  
Notterman (PI) 08/01/13-8/01/18 Role: Co-Investigator (PI-Michigan Sub-contract)

R01 MH103761-01 Effects of poverty on affective development: A multi-level, longitudinal study. Monk  
(PI) 06/14-05/19 Role: Co-Investigator

R01 MH103761-01 (Administrative Supplement #2-Methylation) Effects of poverty on affective  
development: A multi-level, longitudinal study. Monk (PI) 08/15-05/19 Role: Co-Investigator

R01AG047167-01 Measurement Error in Population Health Inequity Research using Novel Biomeasures  
Geronimus (PI) 4/15/14-3/31/17 Role: Co-Investigator

#### *Completed*

R03AG048806-01 Interplay of Genetic & Socioeconomic Predictors of Memory Decline in Older Adults.  
Faul and Smith (Co-PIs). 9/30/14-5/31/17 Role: Co-Investigator

Population Neuroscience: A Pilot Project to Examine Poverty and Brain Imaging in Adolescence  
University of Michigan Population Studies Center 09/01/13-012/31/14 Role: Principal Investigator

Applying Whole Genome Data to Common Social Science Issues, Michigan Center on the Demography  
of Aging 9/1/14-8/31/15 Role: Principal Investigator

1U01MH08798101 “Modifiable Risk and Protective Factors for Suicidal Behaviors in the US Army” (PI-  
Heeringa) 8/12-6/15 Role: Participating Investigator

Social Inequality and Telomere Length in Fragile Families University of Michigan Population Studies  
Center Initiatives Fund 03/01/13-3/30/14 Role: Principal Investigator

Eva L. Mueller New Directions in Economics and Demography Award “Spouse Selection in Nepal: From  
Love Marriage to Arranged Marriage” 9/07-6/08 Role: Principal Investigator

John Templeton Foundation “Research on the Effect of a College Major on Religiosity” 7/04-6/06 Role:  
Co-Principal Investigator (with Miles Kimball and Arland Thornton).

#### HONORS & AWARDS

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2016 Chair of the ASA Section on Evolution, Biology, and Society

2009 Best Graduate Student Paper Award-University of Michigan Sociology Department

Partnerships for International Research and Education (PIRE) Predoctoral Fellowship 2008-2009

Rackham Predoctoral Fellowship 2007-2008

Marshall Weinberg Summer Research Fellowship 2007

NICHD Pre-doctoral Traineeship 2003-2004, 2004-2005, 2006-2007

High Pass on Social Demography Preliminary Exam 2005

Merlin and Edna Sant Scholarship 2002-2003

## PROFESSIONAL INTERESTS

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Social and Family Demography, Biosocial Interactions, Child Development, Aging and the Life Course  
Population Health, Quantitative Methods, Mental Health, Survey and Biological Data Collection Methods

## PROFESSIONAL ACTIVITIES

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### *Service:*

Permanent Member, Eunice Kennedy Shriver National Institute of Child Health and Human Development  
Initial Review Group, Pediatrics Subcommittee (CHHD-A), 2015-2019  
Chair (elect, chair, ex), ASA Section on Evolution, Biology, and Society 2015-2018  
Biology and Social Science Working Group, Russell Sage Foundation 2014-Present  
Council Member, ASA Section on Evolution, Biology, and Society 2012-2015  
Dorothy Thomas Award Committee 2015  
Committee member, Population Studies Center Student Advisory Committee, University of Michigan  
2004-05  
Sociology representative, Rackham Graduate Student Forum, University of Michigan 2004-05  
President of Brigham Young University Chapter of Alpha Kappa Delta 2001-03  
Sociology Representative on the Family Home and Social Science Student Council, Brigham Young  
University 2001-03

### *Editorial:*

Editorial Assistant for *Sociological Methodology* 2008- 2009  
Occasional Reviewer for *Proceedings of the National Academy of Sciences*, *American Sociological  
Review*, *American Journal of Public Health*, *American Journal of Sociology*, *Biological Psychiatry*,  
*Social Forces*, *Sociological Methodology*, *Journal of Marriage and Family*, *Social Science Research*,  
*Journal for the Scientific Study of Religion*, *Field Methods*, and *The Journal of Clinical Psychiatry*.

### *Member:*

American Sociological Association, Population Association of America, European Association of  
Population Studies, Asian Population Association, Eastern Sociological Society, National Council on  
Family Relations, American Society of Human Genetics, International Biometric Society, Endocrine  
Society

### *Conference:*

Session Organizer on Biosocial Perspectives on Child and Adolescent Development, 2014 Annual  
Meetings of the Population Association of America, Boston, MA  
Regular Session Organizer on Biosociology/Biosocial Interaction at the 2012 American Sociological  
Annual Meeting in Denver, CO  
Session Chair on Genetic Influences and Demographic Behaviors at the 2009 Annual Meetings of the  
Population Association of America, Detroit, MI.  
Session Chair on Religion, Contraception, and Fertility at the 2008 Annual Meetings of the Population  
Association of America, New Orleans, LA.

## TEACHING POSITIONS

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Graduate Student Instructor for Quantitative Methods I (Soc 542), Department of Sociology, University  
of Michigan, Yu Xie as instructor, Fall 2005



Instructor for Applied Social Statistics (Soc 306) Department of Sociology, Brigham Young University, Spring 2003

Teaching Assistant for John P. Hoffmann; Multiple Regression Analysis (Soc 605), Generalized Linear Models (Soc 606), and Applied Social Statistics (Soc 306) Department of Sociology, Brigham Young University, 2001 to 2003.

## RESEARCH POSITIONS

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Fragile Families and Child Wellbeing Data Collection Manager, Bendheim-Thoman Center for Research on Child Wellbeing, Princeton University, May 2010-Oct.2010

Graduate Student Research Assistant to Arland Thornton, University of Michigan, for Determinants of Marriage and Childbearing Attitudes, Winter 2006-Summer 2006

Research Assistant to Vaughn R.A. Call and Middletown IV Project; Department of Sociology, Brigham Young University, 2000 to 2003.

## SELECTED PRESENTATIONS

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Sarah James, Sara McLanhan, Jeanne Brooks Gunn, Colter Mitchell, Daniel Notterman, and Irwin Garfinkel. Sleep Duration, Behavior Problems, and Children Telomere Length. Annual Meeting of the Population of America, Washington D.C. March 30-April 2, 2016.

Douglas Massey, Brandon Wager, Sara McLanhan, Jeanne Brooks Gunn, Colter Mitchell, and Daniel Notterman. Neighborhood Disadvantage and Telomere Length: Results from the Fragile Families and Child Wellbeing Study. Annual Meeting of the Population of America, Washington D.C. March 30-April 2, 2016.

Brandon Wagner, Sara McLanhan, Jeanne Brooks Gunn, Daniel Notterman, Irwin Garfinkel and Colter Mitchell. Family Structure and Children's Telomere Lengths." Annual Meeting of the Population of America, Washington D.C. March 30-April 2, 2016.

Silunius, Andreja, Colter Mitchell, Sara McLanahan, Irwin Garfinkel, and Daniel Notterman. "Socioeconomic Status and Telomere Length: Individual, Family, Neighborhood and City Effects." Annual Meeting of the Population of America, Washington D.C. March 30-April 2, 2016.

Mitchell, Colter. 2016. Neuroimaging in Population-Based Studies: the experience of the Fragile Families and Child Wellbeing Study. Annual Meeting of the Population of America, Washington D.C. March 30-April 2, 2016.

Mitchell, Colter, Jessica Faul, and Jennifer Smith. Investigating Social and Genetic Influences of Cognitive Decline: Insights from Using Population-based Longitudinal Data. Society for Longitudinal and Lifecourse Studies conference, Dublin, Ireland. October 18-21, 2016.

Mitchell, Colter. Statistical Design and Methods for Integrating Biomarker and Genetic Data into the Army STARRS Epidemiological Study of Suicidality. Joint Statistical Meetings 2015, Seattle, Washington. August 8-13, 2015.

- Mitchell, Colter, Steven Heeringa, Roderick Little. What is a representative genome? The challenges and benefits of applying complex survey weights to genome-wide data. European Survey Research Association, Reykjavik, Iceland. July 14-17, 2015.
- Mitchell, Colter and Jessica Faul. Individual, Family, Interviewer and Survey Effects of Nonresponse and Bio-Specimen Quality in Five Representative US Studies. European Survey Research Association, Reykjavik, Iceland. July 14-17, 2015.
- Brooks-Gunn, Jeanne, Colter Mitchell, Daniel Notterman, Frances Champagne. 2015. How to Make a Life Course Birth Cohort Study Relevant for Biologists, Psychologists, Sociologists and Economists: The Case of the Fragile Families Study. 2015 meeting of the Association for Psychological Science, New York City, NY.
- Mitchell, Colter, Sara McLanahan, and Daniel Notterman. Biological Aging Due to Biological Father Loss: Comparing the Effect of Father Incarceration, Union Dissolution, and Death on Child and Mother Telomere Length. Annual Meeting of the Population Association of American, San Diego, CA. April 30-May 2, 2015.
- Mitchell, Colter. Measuring Biological Age: Telomere Length and DNA Methylation Age in Two Longitudinal Studies. NIA Biomarker Network Meeting, San Diego, CA. April 29, 2015.
- Mitchell, Colter, Lisa Schneper, Sara McLanahan, and Daniel Notterman. Developmental Stress and Children's Telomere Length. PPTOX, Boston, MA. October 26-29.
- Faul, Jessica D., Colter Mitchell, Jennifer Smith, and Wei Zhao. Is Heritability of Telomere Length Modified by Lifecourse Socioeconomic Status? Integrating Genetics and the Social Sciences, Boulder, CO. October 9, 2014.
- Mitchell, Colter. The Association of Telomere Length and Deployment with Telomere Erosion. Integrating Genetics and the Social Sciences, Boulder, CO. October 9, 2014.
- Mitchell, Colter. 2014. "The Interplay of Social Disadvantage, Children's Genetic Make-up, and Children's Wellbeing" Minding the Gap: Research at the Intersection of the Life and Social Sciences, University of Colorado-Denver, Denver, CO. September 26, 2014.
- Mitchell, Colter. 2014. "Fragile Families and Child Wellbeing: Examining the Interplay of Genes and the Social Environment in a Developmental Context" Center for Human Growth and Development, University of Michigan, Ann Arbor, MI Sept. 23.
- Mitchell, Colter. 2014. "Collecting Biomarkers in Population Studies" Data Collection Methods-Survey Research Center Summer Institute, Ann Arbor, MI July 16.
- Mitchell, Colter. 2014. "Demographic, Statistical, and Reproducibility Issues Around Gene-Environment Interaction Replication" NIH Workshop on Challenges in Replication of GxE Research, Bethesda, MD May 22.
- Mitchell, Colter. 2014. "Scientific Heterogamy: Population Studies and the Black Box of the Brain" Relevance of Population Neuroscience for Understanding Human Development, SRCD Special Meeting, Ann Arbor, MI, May 16-17.

- Mitchell, Colter. 2014. "Social disadvantage, genetic sensitivity, and children's telomere length." Center for Social Epidemiology and Population Health" Ann Arbor, MI, May 14.
- Mitchell, Colter, Jillian Wiggins, Jeanne Brooks-Gunn and Sara McLanahan. 2014 "Family Structure, Parenting, Genes and the Co-Development of Behavioral Problems" Presented at the Annual Meetings of the Population Association of America, Boston, MA, May 1.
- Mitchell, Colter. 2014. "DNA Methylation in Population Research" NIA Biomarker Network Meeting. Boston, MA, April 30.
- Mitchell, Colter. 2014. "Biosocial Research: Early Findings, Current Work, and Future Directions" Brigham Young University. April 21.
- Mitchell, Colter. 2014. "Fragile Families and Child Wellbeing: Examining the Interplay of Genes and the Social Environment" Developmental Psychology Brownbag Seminar, Ann Arbor, MI March 24.
- Mitchell, Colter, John Hobcraft, Sara McLanahan, Jeanne Brooks-Gunn, Irwin Garfinkel, and Daniel Notterman 2013 "Social Weathering of Genes: Demographic and Social Correlates of Telomere Length of Mothers and Children" Presented at the Fragile Families Working Group –November 2013, Princeton NJ.
- Mitchell, Colter, John Hobcraft, Sara McLanahan, Susan Rutherford Seigel, Jeanne Brooks-Gunn, Irwin Garfinkel, and Daniel Notterman "Social Weathering of Genes: Demographic and Social Correlates of Telomere Length of Mothers and Children" Integrating Genetics and the Social Sciences-2013, Boulder, CO Oct 11-13, 2013.
- Mitchell, Colter, Sara McLanahan, Jeanne Brooks-Gunn, Daniel Notterman, John Hobcraft and Irwin Garfinkel Externalizing Behavior from Age 3 to Age 9: Paternal Exits and Entrances Moderated by Genetic Sensitivity 2013 SRCD Biennial Meeting Seattle Washington
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