# Mike Hollingshaus

**1245 S. Westwood Road**

**Bountiful, UT, 84010**

 **(801) 414-7102**

**mike.hollingshaus@utah.edu**

**POSITION**

2020 - present **Senior Demographer**, Kem C. Gardner Policy Institute, University of Utah.

2015 - 2020 **Demographer**, Kem C. Gardner Policy Institute, University of Utah.

2017 - present **Adjunct Assistant Professor**, Department of Sociology, University of Utah.

2011 - 2015  **Graduate Research Assistant / Research Associate,** Pedigree and Population Resource (Utah Population Database), Population Sciences, Huntsman Cancer Institute. NIH R01 AG022095 “Early Life Conditions, Survival, and Health: A Pedigree-based Population Study”

2009 – 2011 **Graduate Teaching Assistant,** Department of Sociology, University of Utah

2000 – 2003 **Financial Service Representative / Supervisor,** Zions Bank.

### EDUCATION

**Ph.D.** Sociology, University of Utah (2015)

*Dissertation*: “Seeds of Sorrow: A Life-course Approach to Early-life Parental Death and Later-life Suicide and Behavioral Health Risk”

 *Committee:* Ken R. Smith (chair), Rebecca L. Utz, Ming Wen, Sheila E. Crowell, Douglas D. Gray

 *Examinations:* (1) Population and Health (2) Biodemography and Life Course Sociology

**Certificates**  Demography Certificate, University of Utah (2015)

 Diversity Certificate, University of Utah (2009)

**RESEARCH and TEACHING**

* Demography
* Life Course Sociology
* Public Health and Epidemiology
* Statistics
* Aging and Death
* Mental Health and Suicide

### TEACHING

Course Instructor: University of Utah

Graduate Level

**Demographic Methods**

Undergraduate Level

**Social Epidemiology**

**Social Statistics**

**Family Health History**

Course Teaching Assistant: University of Utah

**Intro to Sociology** – 2 semesters

### CREDITED POLICY PUBLICATIONS

**Hollingshaus, M.** (2023). Blog: How do the new U.S. Population Projections Compare to Utah’s? University of Utah. <https://gardner.utah.edu/blog-how-do-the-new-u-s-population-projections-compare-to-utahs> .

**Hollingshaus, M.**, Harris, E.(2023). Demographic Impacts of Zero Migration in Utah – A Projection Scenario. University of Utah. <https://gardner.utah.edu/wp-content/uploads/Demog-Impacts-Mig-FS-Sep2023.pdf> .

**Hollingshaus, M.** (2023). Blog: Do Utahns Own or Rent? Updates on Utah Householding Rates. University of Utah. <https://gardner.utah.edu/blog-do-utahns-own-or-rent-updates-on-utah-householding-rates/> .

**Hollingshaus, M.** Albers, E., Hogue, M., Bateman, M.. Long-Term Planning Projection Scenarios. (2022). University of Utah. <https://gardner.utah.edu/wp-content/uploads/High-Low-Dem-User-Guide-Aug2022.pdf> .

**Hollingshaus, M.** Blog: Utah’s Infant Mortality Rate. (2022). University of Utah. <https://gardner.utah.edu/blog-utahs-infant-mortality-rate/>.

**Hollingshaus, M.** Blog: Utah’s Infant Mortality Rate. (2022). University of Utah. <https://gardner.utah.edu/blog-utahs-infant-mortality-rate/>.

**Hollingshaus, M.,** Albers, E., Hogue, M., & Bateman, B. Long-Term Planning Projection Scenarios. (2022). Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <https://gardner.utah.edu/wp-content/uploads/High-Low-Dem-User-Guide-Aug2022.pdf>.

**Hollingshaus, M.,** & Harris, E. Experimental Age, Sex, Race and Ethnicity Projections for Every State for 2030, with Scenarios. (2022). Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <https://gardner.utah.edu/wp-content/uploads/DemUserGuide-Jun2022.pdf>.

**Hollingshaus, M.,** & Hart, C. Blog: The Rise and Stall of Utah Life Expectancy. (2022). University of Utah. <https://gardner.utah.edu/blog-the-rise-and-stall-of-utah-life-expectancy/>.

**Hollingshaus, M.,** Hogue, M., Harris, E., Bateman, M., Backlund, M., & Albers, E. (2022). Utah Long-Term Planning Projections: A Baseline Scenario of Population and Employment Change in Utah and its Counties. Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <https://gardner.utah.edu/wp-content/uploads/LongTermProj-Jan2022>.

**Hollingshaus, M,** & Harris, E.**.** (2021). Utah’s Demographics and COVID-19 Death Rates: A Data Update. Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <https://gardner.utah.edu/wp-content/uploads/C19-DeathRates-Oct2021.pdf>.

**Hollingshaus, M.** (2020). Is Utah’s Relatively Low COVID-19 Death Rate Due to its Younger Population? Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <https://gardner.utah.edu/wp-content/uploads/C19-Age-Brief-July2020.pdf>.

**Hollingshaus, M.,** Harris, E., & Perlich, P.S. (2019). Utah’s Increasing Diversity: Population Projections by Race/Ethnicity. Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <https://gardner.utah.edu/wp-content/uploads/Utah-Projections-Race-Ethnicity-2019.pdf>.

**Hollingshaus, M.**, Harris, E., Hogue, M., & Perlich, P. (2018). The Utah Demographic and Economic Model: version 2017. Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <http://gardner.utah.edu/wp-content/uploads/udem_2017_final.pdf>.

**Hollingshaus, M.,** Bateman, M., Harris, E., & Perlich, P. S. (2017). Fertility in Utah since the Great Recession: The New Normal or a Pregnant Pause? Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <http://gardner.utah.edu/wp-content/uploads/FertilityReport-Final.pdf>.

Perlich, P. S., **Hollingshaus, M.**, Harris, E. R., Tennert, J., & Hogue, M. (2017). Utah’s Long-Term Demographic and Economic Projections Summary. Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <http://gardner.utah.edu/wp-content/uploads/Projections-Brief-Final.pdf>.

Perlich, P.S., Young, N.B., Van Noy, E., Mohammed, M.,& **Hollingshaus, M.** (2016). Salt Lake County Small Area Estimates: 2010-2014. Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <http://gardner.utah.edu/wp-content/uploads/2016/02/SmallAreaEstimates-FinalFeb2.pdf>.

**Hollingshaus, M.**, Harris, E., Jeppsen, C., & Perlich, P. S. (2016). The Beehive Shape: Provisional 50-Year Demographic and Economic Projections for the State of Utah, 2015-2065. Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <http://gardner.utah.edu/wp-content/uploads/2016/10/2016_10_07_StateProjections-Final-for-Print.pdf>.

**Hollingshaus, M.,** & Perlich, P. (2016). Migrant Today, Parent Tomorrow: A Zero Migration Simulation. Salt Lake City, UT: Kem C. Gardner Policy Institute, University of Utah. <http://gardner.utah.edu/wp-content/uploads/20160316_3Million.pdf>.

### PEER-REVIEWED PUBLICATIONS

Stephens, C. E., Utz, R., Tay, D., Iacob, E., Hollingshaus, M., Goodwin, R., Farrell, T. W., Bouldin, E., Edelman, L., Reinke, L. F., Smith, K., Ellington, L., & Ornstein, K. (2024). Dying with dementia in nursing homes: A population-based study of decedents and their families. *Journal of the American Geriatrics Society*. <https://doi.org/10.1111/jgs.18770>

Canudas-Romo, V., Su, W., & Hollingshaus, M. (2023). Variable-r in sex ratios: Formulas in honor of Jim Vaupel. *Demographic Research, 49(26), 693-722.* <https://doi.org/10.4054/DemRes.2023.49.26> .

Stephens, C., Tay, D., Iacob, E., **Hollingshaus, M.,** Goodwin, R., Kelly, B., Smith, K., Ellington, L., Utz, R., Ornstein, K. (2023). Family Ties at End-of-Life: Characteristics of Nursing Home Decedents with and without Family. *Palliative Medicine Reports, 4(1).* <https://doi.org/10.1089/pmr.2023.0023> .

Kelly, B. C., Hanson, H. A., Utz, R. L., **Hollingshaus, M. S.,** Meeks, H., Tay, D. L., Ellington, L., Stephens, C. E., Ornstein, K. A., & Smith, K. R. (2023). Disparities and determinants of place of death: insights from the Utah Population Database. *Death Studies, 0(0), 1–13.* <https://doi.org/10.1080/07481187.2023.2255864> .

Schacht, R., Beissinger, S. R., Wedekind, C., Jennions, M. D., Geffroy, B., Liker, A., Kappeler, P. M., Weissing, F. J., Kramer, K. L., Hesketh, T., Boissier, J., Uggla, C., **Hollingshaus, M.**, & Székely, T. (2022). Adult sex ratios: Causes of variation and implications for animal and human societies. *Communications Biology*, 5(1), Article 1. https://doi.org/10.1038/s42003-022-04223-w

Schacht, R., **Hollingshaus, M.,** Hanson, H. Macfarlan, S.J., Tharp, D., Bruckner, T., & Smith, K.R.. (2021). Frail Males on the American Frontier: The Role of Environmental Harshness on Sex Ratios at Birth across a Period of Rapid Industrialization. *Social Sciences 10(9):319.* doi: [10.3390/socsci10090319](https://doi.org/10.3390/socsci10090319).

Schliep K.C., Feldkamp M.L., Hanson H.A., **Hollingshaus, M.**, Fraser, A., Smith, K.R., Panushka, K.A., & Varner, M.W. (2020).Are paternal or grandmaternal age associated with higher probability of trisomy 21 in offspring? A population-based, matched case-control study, 1995-2015.*Paediatr Perinat Epidemiol. 00:1–11.*doi:[10.1111/ppe.12737](http://dx.doi.org/10.1111/ppe.12737).

**Hollingshaus, M.**, Utz, R., Schacht, R., & Smith, K.R. (2019). Sex Ratios and Life Tables: Historical demography of the age at which women outnumber men in 7 countries, 1850-2016. *Historical Methods: A Journal of Quantitative and Interdisciplinary History.* doi: [10.1080/01615440.2019.1605863](https://doi.org/10.1080/01615440.2019.1605863) .

Chernenko, A., **Hollingshaus, M.**, Robson, S., Hanson, H. A., & Smith, K. R. (2018). Tykes, Toddlers, Teens and Twins of Robust Mothers: Do the Offspring of Twinning Mothers Share in their Mother’s Robust Phenotype. *Biodemography and Social Biology 64(2), 102-113.* doi: [10.1080/19485565.2018.1486697](https://doi.org/10.1080/19485565.2018.1486697).

Theilen, L.H., Fraser, A., **Hollingshaus, M.S.,** Schliep, K.C., Varner, M.M., Smith, K.R., & Esplin, M.S. (2016). All-Cause and Cause-Specific Mortality Following Hypertensive Disease of Pregnancy. *Obstetrics & Gynecology 128(2), 238-244.* doi: [10.1097/AOG.0000000000001534](http://dx.doi.org/10.1097/AOG.0000000000001534).

**Hollingshaus, M. S.**, Coon, H., Crowell, S. E., Gray, D. D., Hanson, H. A., Pimentel, R., & Smith, K. R. (2016). Differential Vulnerability to Early-life Parental Death: the Moderating Effects of Family Suicide History on Major Depression and Substance Abuse in Later Life. *Biodemography and Social Biology 62(1), Special Issue: Genetics III,* 105-125*.* doi: [10.1080/19485565.2016.1138395](http://dx.doi.org/10.1080/19485565.2016.1138395).

**Hollingshaus, M. S.**, & Smith, K. R. (2015). Life and Death in the Family: Early Parental Death, Parental Remarriage, and Offspring Suicide Risk in Adulthood. *Social Science & Medicine 131*(0), 181-189. doi: [10.1016/j.socscimed.2015.02.008](http://dx.doi.org/10.1016/j.socscimed.2015.02.008).

Smith, K. R., Hanson, H. A., Norton, M. C., **Hollingshaus, M. S.**, & Mineau, G. P. (2014). Survival of offspring who experience early parental death: Early life conditions and later-life mortality. *Social Science & Medicine, 119*(0), 180-190. doi: [10.1016/j.socscimed.2013.11.054](http://dx.doi.org/10.1016/j.socscimed.2013.11.054).

Smith, K. R., Hanson, H. A., & **Hollingshaus, M. S.** (2013). BRCA1 and BRCA2 mutations and female fertility. *Current Opinion in Obstetrics & Gynecology, 25*(3), 207-213. doi: [10.1097/GCO.0b013e32835f1731](http://dx.doi.org/10.1097/GCO.0b013e32835f1731).

**Hollingshaus, M. S.**, & Utz, R. L. (2013). Depressive Symptoms Following the Diagnosis of Major Chronic Illness. *Society and Mental Health, 3*(1), 22-39. doi: [10.1177/2156869312464788](http://dx.doi.org/10.1177/2156869312464788).

Utz, R., **Hollingshaus, M.**, & Dien, P. (2010). Public Opinion and Health Care. *Contexts, 9*(2), 66-67. doi: [10.1525/ctx.2010.9.2.66](http://dx.doi.org/10.1525/ctx.2010.9.2.66).

### BOOK CHAPTERS

**Hollinghshaus, M.**, & Harris, E. (2023). *The Importance of Demographic Data for Understanding the COVID-19 Pandemic: A Case Study of Utah.* In D. A. Swanson & R. R. Verdugo (Eds.), Socio-Demographic Perspectives on the COVID-19 Pandemic. Information Age Publishing..

### RESEARCH SUPPORT and FUNDING

NSH #1800563 (2018-2024). “Wasatch Front Research Data Center”. Role: Researcher.

Consortium for Families & Health Research Innovations Award, University of Utah. (2021-2023). “1U for Population-Based Caregiving Science: Strengthening Partnerships, Leveraging Expertise, and Building the Pipeline of Population-Based Caregiving Research”. Role: Head of Methodological Core.

NSF #1824279. (2018-2023). Transgenerational Mobility. Role: Researcher.

1U4U Award, University of Utah. (2020-2021). End-of Life healthcare and hospice use in Alzheimer’s Disease: A comparative analysis using the Utah Population Database. Role: Researcher.

NIH R01 #AG022095. (2011-2016). Early Life Conditions, Survival, and Health: A Pedigree-based Population Study. Role: Graduate Research Assistant.

Travel Award. (2013). Annual Meeting for Integrating Genetics and the Social Sciences. Boulder, CO. Sponsored by Eunice Kennedy Shriver National Institute of Child Health & Human Development, the Office of Behavioral and Social Sciences Research, the Population Association of America, the Institute of Behavioral Science and the NIH/NICHD supported University of Colorado Population Center.).

Travel Award. (2014). Conference: Long-run Impacts of Early Life Events IV: Evidence from Developed and Developing Economies. Ann Arbor, MI. Sponsored by the `Michigan Center on the Demography of Aging and the Inter-University Consortium for Political and Social Research.

### PRESENTATIONS at PROFESSIONAL MEETINGS

Utz, R., & **Hollingshaus, M.** (2022). Hospice Use by Cause of Death: Implications for Patients, Families, and the Medicare Hospice Benefit. *Population Association of American*

**Hollingshaus, M,** & Harris, E**.** (2022) Experimental Age, Sex, and Race Projections for Every State with Scenarios: Combining Existing Datasets. *Federal-State Cooperative for Population Projections.*

Stephens, C.E., **Hollingshaus**, M., Kelly, B., Tay, D.L., Ornstein, K.A., Smith, K.R., & Utz, R.L. (2022). Utilizing Population Data to Characterize Nursing Home Decedents and their Families at the End of Life. Poster presentation at *the Gerontological Society of America's Annual Scientific Meeting.* Indianapolis, IN.

Kelly, B., Hanson, H.A., Meeks, H., **Hollingshaus, M.,** Tay, D.L., Ellington, L., Stephens, C.E., Ornstein, K.A., & Smith, K.R. (2022). Familial and Sociodemographic Determinants of Place of Death: A Retrospective Study with the Utah Population Database. Poster presentation at the *Gerontological Society of America's Annual Scientific Meeting.* Indianapolis, IN.

Utz, R.L., **Hollingshaus, M.,** Ornstein, K.A., Tay, D.L., Stephens, C.E., & Smith, K.R. (2022). Health and Well-Being of Family Caregivers Following Hospice Use. Poster presentation at the *Gerontological Society of America's Annual Scientific Meeting.* Indianapolis, IN.

**Hollingshaus, M.** (2021). Decomposing the Effects of Age-Structure on per-Capita COVID-19 Death Rates. *Population Association of American, Applied Demography Conference.* Online.

**Hollingshaus, M.** Smith, K. R. (2020). A Parametric Model for Age-specific Labor-force Participation Rates. *Population Association of America.* Washington, D.C. Cancelled for COVID-19 pandemic.

**Hollingshaus, M.** Producing Utah Population Projections by Race/Ethnicity. (October 2019). *Utah Demography Summit.* Provo, UT. Presented.

Schacht, R., Hanson, H. A., **Hollingshaus, M.** Smith, K. R., & Tharp, D. (April 2019), Fragile Males on the American Frontier: The Role of Environmental Harshness and Infrastructure Development on Sex Ratios at Birth before and after Industrialization. *Population Association of America.* Austin, TX. Poster.

**Hollingshaus, M.** (April 2019). The Change in U.S. Average Household Size Attributable to Population Aging: Decomposing the Reciprocal of a Demographic Rate. *Population Association of America.* Austin, TX. Poster.

**Hollingshaus, M.** (April 2019). Utah Demographic and Economic Model Documentation. *Federal-State Cooperative for Population Projections.* Austin, TX. Presented.

Debbink, M. P., Wong, J. **Hollingshaus**, M.S., Hanson, H.A, Carpenter, J.R., Varner, M.W., & Smith, K.R. (2019). “720: Long Term Health after in Utero Exposure to the Geneva Steel Mill Closure.” *American Journal of Obstetrics and Gynecology*, SMFM 39th Annual Meeting–The Pregnancy Meeting, *220 (1, Supplement)*: S474. doi: [10.1016/j.ajog.2018.11.743](https://doi.org/10.1016/j.ajog.2018.11.743).

**Hollingshaus, M.** (2018). Using and Interpreting Utah Demographic and Economic Projections. *Utah Demography Summit.* Salt Lake City, UT. Presented.

**Hollingshaus, M.**, Utz, R. L., Schacht, R.L., & Smith, K. R. (August 2018). Sex Ratio Curves and Crosses: The Age at which Women Begin to Outnumber Men is being Increasingly Postponed. *American Sociological Association.* Philadelphia, PA. Coauthor Presented.

**Hollingshaus, M.**, Utz, R. L., Schacht, R.L., & Smith, K. R. (April 2018). Sex Ratio Curves and Crosses: The Age at which Women Begin to Outnumber Men is being Increasingly Postponed. *Population Association of America.* Denver, CO. Presented.

**Hollingshaus, M.** (April 2018). Raking Leaves You with Options: Unifying and Comparing Three Simple Adjustment Procedures for Applied Demographers. *Population Association of America.* Denver, CO. Poster.

**Hollingshaus, M.** (April 2018). Raking Leaves You with Options: Unifying and Comparing Three Simple Adjustment Procedures for Applied Demographers. *Federal-State Cooperative for Population Projections.* Denver, CO. Presented.

**Hollingshaus, M.**, & Smith, K.R. (April 2017). Obtaining Age-Specific Death Rates from Projected Life Expectancies Using the Heligman-Pollard Model. *Population Association of America.* Chicago, IL. Presented.

Theilen, L.H., Fraser, A., **Hollingshaus, M.S.**, Schliep, K.C., Varner, M.M., Smith, K.R., & Esplin, M.S.(January 2016). Long-term mortality risk following hypertensive disease of pregnancy (HDP). *36th Annual Meeting of the Society for Maternal Fetal Medicine: The Pregnancy Meeting--Oral Plenary Session I. Proceedings published in American Journal of Obstetrics and Gynecology 214 (1) Supplement S1-S4454.* doi: [10.1016/j.ajog.2015.10.142](http://dx.doi.org/10.1016/j.ajog.2015.10.142).

**Hollingshaus, M. S.**, Smith, K.R. & Hanson, H.A, (May 2015). An Early-life Conditions Scale, and Applications to Suicide and All-cause Mortality. *Population Association of America.* San Diego, CA. Poster.

**Hollingshaus, M. S.**, Coon, H., Crowell, S. E., Gray, D. D., Hanson, H. A., Pimentel, R., & Smith, K. R. (May 2014). Familial Suicide Susceptibility, Early-life Parental Death, and Later-life Depression and Substance Abuse. *Population Association of America.*  Boston, MA. Poster.

**Hollingshaus, M. S.**, Coon, H., Crowell, S. E., Gray, D. D., Hanson, H. A., Pimentel, R., & Smith, K. R. (March 2014). Familial Suicide Susceptibility, Early-life Parental Death, and Later-life Depression and Substance Abuse. *U Center on Aging 8th Annual Research Retreat: “Successful Aging: Years to Life and Life to Years”.*  Salt Lake City, UT. Presented.

**Hollingshaus, M. S.**, Coon, H., Crowell, S. E., Gray, D. D., Hanson, H. A., Pimentel, R., & Smith, K. R. (March 2014). Familial Susceptibility to Suicide, Death of Parents in Early Life, and Behavioral Health Disorders in Older Adulthood: F x E Interactions. *Long-run Impacts of Early Life Events IV: Evidence from Developed and Developing Economies.* Ann Arbor, MI. Poster.

Varner, M. W., Feldkamp, M., Tillery, R., Hanson, H. A. **Hollingshaus, M S**., & Smith, K. R. (March 2014). The Effect of Maternal Grandmother Age and Maternal Age on the Risk of Down Syndrome among Children. *Society for Gynecological Investigation 61st Annual Scientific Meeting—Transforming Women's Health via Translational Investigation: A Global Perspective*. Florence, Italy. Poster, not attended.

**Hollingshaus, M. S.**, & Smith, K. R. (October 2013). Familial Susceptibility to Suicide, Death of Parents in Early Life, and Behavioral Health Disorders in Older Adulthood: Familiality x Environment Interactions. *4th Annual Integrating Genetics and the Social Sciences Conference.* Boulder, CO. Presented.

**Hollingshaus, M. S.**, & Smith, K. R. (April 2013). Death of Parent in Early Life, Remarriage and Later-Life Suicide Risk. *Population Association of America.* New Orleans, LA. Presented.

### SELECTED POLICY PRESENTATIONS

**Hollingshaus, M.** (2021).Utah’s Aging Population. *Utah’s Alzheimer’s Disease and Related Dementias Coordinating Council.* Salt Lake City, UT (online).

**Hollingshaus, M.** (2019).Utah’s Aging Population. *Utah Public Health Association Preconference: “Healthy Aging, Why Building Public Health Capacity is Necessary”.* Ogden, UT.

**Hollingshaus, M.** (2019). Utah’s Aging Population. *Utah Association of Area Agencies on Aging.* Ogden, UT.

**Hollingshaus, M.** Accessing Utah Demographic and Economic Projections (2018). *Utah State Data Center Conference.* Salt Lake City, UT.

**Hollingshaus, M.** Utah’s Aging Population (June 2018). *Utah Department of Health: Surveillance, Evaluation, Epidemiology, and Data Group*. Salt Lake City, UT.

**Hollingshaus, M.** Utah’s Aging Population (March 2018). *Utah Department of Health: Alzheimer’s Coordinating Council*. Salt Lake City, UT.

**Hollingshaus, M.** Utah Aging Projections (November 2017). *Metropolitan Research Center.* Salt Lake City, UT.

**Hollingshaus, M.** Utah State and County-level Population Projections. (October 2017). *Utah State Data Center Conference.* Salt Lake City, UT.

**Hollingshaus, M.** Utah State and County-level Population Projections (September 2017). *Central Utah Water Conservancy District.* Orem, UT.

**Hollingshaus, M.** Life Expectancy and Mortality in Utah. (September 2017). *Utah Foundation.* Salt Lake City, UT.

**Hollingshaus, M.**, Population Projections. (May 2017). *AWRA Utah Section – 45th Annual Water Resources Conference: Data for Water Management*. Salt Lake City, UT.

**Hollingshaus, M.** Life Expectancy and Mortality in Utah. (August 2015). *Utah State Data Center Carpe Datum Conference.* Salt Lake City, UT.

### HONORS and AWARDS

Graduate Student Research Award - Honorable mention. Department of Sociology, University of Utah. 2012

Earl and Ellies Skidmore Award for Scholarship. College of Social and Behavioral Sciences, University of Utah, 2011

#### Henry Frost Memorial Award for Scholarship. Department of Sociology, University of Utah, 2009

### ADDITIONAL METHODS and TEACHING TRAINING

Genome-Wide Association Study Workshop (2013). *4th Annual Integrating Genetics and the Social Sciences Conference.* Boulder, CO. (Organized by Jason Boardman and Jason Fletcher)

Teaching in Higher Education seminar (2010). Sixteen-week seminar hosted by Center for Teaching & Learning Excellence. University of Utah.

Student Instructor Training (2009). Two-day workshop hosted by Center for Teaching & Learning Excellence. University of Utah.

### PROFESSIONAL/ACADEMIC SERVICE

Head of Methodological Core for University of Utah Caregiving Population Science Collaborative. 2021-Present.

Governor-appointed member of the Utah Commission on Aging. 2021-Present.

Chair of the Federal-State Cooperative for Population Projections. 2019-2021.

Vice-Chair of the Federal-State Cooperative for Population Projections. 2018-2019.

Utah State Member of the Federal-State Cooperative for Population Projections. 2015-present.

Kem C. Gardner Policy Institute Community Partner to the Utah Commission on Aging, 2017-2021.

Department of Sociology Faculty Search Committee, Fall 2014

Department of Sociology Faculty Meeting Graduate Student Representative, 2012-2013

Department of Sociology Committee for Improved Web Integration, 2010

### PROFESSIONAL AFFILIATIONS

Population Association of America

American Sociological Association

### SOFTWARE DEVELOPMENT

[Utah Demographic and Economic Model (UDEM)](https://gardner.utah.edu/wp-content/uploads/udem_2017_final.pdf) – Designed, coded, maintain, and operate the population forecasting model for Utah and its counties. Coded in R.

### PROGRAMMING LANGUAGES

**Fluent:** R, Stata, SAS

**Proficient:** SQL, Java, LaTeX

**Familiar:** C++, Javascript, HTML