

Curriculum Vitae

Last Updated: 04/01/2017

PERSONAL DATA

Name: Heidi A. Hanson
Citizenship: United States

EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
1998 - 2002	B.S.	University of Utah (Behavioral Science and Health) Salt Lake City, UT
2004 - 2007	Certificate	University of Utah (Demography) Salt Lake City, UT
2010 - 2012	M.S.	University of Utah (Sociology) Salt Lake City, UT
2010-Sept 2013	Ph.D.	University of Utah (Sociology (Emphasis: Population and Health)) Salt Lake City, UT

ACADEMIC HISTORY

Family and Preventive Medicine (Public Health), 10/01/2013 - 03/15/2017

10/01/2013 Hire, Visitor Track, Visiting Instructor
07/01/2014 Track Switch, Research Track, Research Assistant Professor

Population Health Sciences (Health System Innovation and Research), 09/15/2016 - Present

09/15/2016 Hire, Adjunct Track, Adjunct Assistant Professor

Surgery (Administration), 03/16/2017 - Present

03/16/2017 Track Switch, Adjunct Track, Adjunct Assistant Professor
03/16/2017 Department Switch, Adjunct Assistant Professor

PROFESSIONAL EXPERIENCE

Full-Time Positions

2000 - 2003	Research Assistant, High Risk Cancer Clinics, Huntsman Cancer Institute/University of Utah, Salt Lake City, UT
2004 - 2005	Computer Professional, High Risk Cancer Clinics and Pedigree and Population Resource, Huntsman Cancer Institute/University of Utah, Salt Lake City, UT
2006 - Present	Research Associate, Pedigree and Population Resource, Huntsman Cancer Institute/University of Utah, Salt Lake City, UT
2014 - 2017	Research Assistant Professor, University of Utah, Salt Lake City, UT
2017 - Present	Adjunct Assistant Professor, Department of Surgery, University of Utah, Salt Lake City, UT

Reviewer Experience

Reviewer for Biomed Central
Reviewer for Demography
Reviewer for Fertility and Sterility

Reviewer for Historical Methods
Reviewer for Human Reproduction
Reviewer for Population Studies
Reviewer for Scientific Reports
Reviewer for Social Science and Medicine

SCHOLASTIC HONORS

2012 - 2013 University of Utah College of Social & Behavioral Science Honor Roll Scholarship.
2015 - Present Vice-President for Clinical and Translational Research Scholar
2015 - Present Associate Member, Cancer Center and Population Sciences, Huntsman Cancer Institute, Salt Lake City, UT 84020

ADMINISTRATIVE EXPERIENCE

Professional Organization & Scientific Activities

2017 - Present Chair & Member, Clinical & Translational Science Awards Consortium, Lifespan Domain Task Force: Early Life Exposures Working Group

UNIVERSITY COMMUNITY ACTIVITIES

Programs, Centers & Institutes

2014 - Present Invited Member, Program for Air Quality, Health, and Society, Working Group on Air Pollution and Health. The goal of this program is to create a research environment that will further promote research in the area of air quality and health. This group's objective is to assess the research needs on campus for this type of health research and to identify novel priorities.
2014 - Present Member, University of Utah Center on Aging
2015 - Present Associate Member, Cancer Control and Population Sciences Program

CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Sociological Association
Gerontological Society of America
Population Association of America
Social Science History Association

FUNDING

Active Grants

01/01/11 - 12/31/16 Early Life Conditions, Survival and Health: A Pedigree-Based Population Study.
Principal Investigator: Ken R. Smith
National Institute on Aging
Role: Research Associate
01/01/15 - 12/31/17 The Airderly Study: Air Quality, Health and Mortality in the Medicare Population
Principal Investigator: Heidi A. Hanson
University of Utah Center on Aging
Role: Principal Investigator

04/01/15 - 03/31/17 The Air of Heirs: Shared Environment, Shared Genes and the Health Effects of Air Quality
Principal Investigator: Heidi A. Hanson
University of Utah Consortium for Families and Health Research
Role: Principal Investigator

11/01/15 - 11/01/17 Phenomes, Families, Cancer and the Environment (PHFaCE): Using the phenome to better understand genetic and environmental risks of cancer in women.
Principal Investigator: Heidi A. Hanson
Office of Research on Women's Health
Role: Principal Investigator

09/01/16 - 08/31/17 Adverse effects of air pollution in childhood cancer survivors
St. Baldrick's Foundation
Role: Co-investigator

Pending Grants

04/01/17 - 03/31/21 Phenotype Classification
Principal Investigator: Heidi A. Hanson
National Institutes of Health
Role: Principal Investigator

07/01/17 - 06/30/22 Mn Subcontract
Principal Investigator: Heidi A. Hanson
University Of Minnesota
Role: Principal Investigator

10/01/17 - 10/01/19 Effects Of Air Pollution on Pulmonary Health Outcomes in Childhood Cancer Survivors
Principal Investigator: Anne C. Kirchhoff
National Institute for Environmental Health Sciences
Role: Co-Investigator

Past Grants

01/01/06 - 12/31/11 The Utah Study of Fertility, Longevity and Aging
Principal Investigator: Ken R. Smith
National Institute on Aging
Role: Research Associate

01/01/09 - 12/31/09 Trends in Cancer Incidence by Single Year of Age among the Oldest-Old (85+).
Principal Investigator(s): Ruldolph Rull; Antoinette Stroup
National Cancer Institute
Role: Research Associate

01/01/10 - 12/31/10 Lifespan Stressors and Alzheimer's Disease: The Cache County Study.
Principal Investigator: Maria Norton
National Institute on Aging
Role: Research Associate

01/01/10 - 12/31/12 Neighborhood Characteristics and Body Mass Index: Selection or Causation.
Principal Investigator(s): Lori Kowaleski-Jones; Ken R. Smith
National Institute of Diabetes and Digestive and Kidney Diseases
Role: Research Associate

01/01/11 - 12/31/12	Improving SES Data: Linkage of State Vital Records, Birth Certificate Data. Principal Investigator: Antoinette Stroup National Cancer Institute Role: <u>Research Associate</u>
01/01/14 - 12/31/14	A Natural Experiment to Assess Prenatal Exposure to Air Pollution and Long-Term Health and Reproductive Outcomes Principal Investigator: Jeannette Chin Direct Costs: \$25,000 Total Costs: \$25,000 University of Utah Program for Air Quality, Health, and Society Role: <u>Co-Investigator</u>
05/15/15 - 07/31/16	The Genesis of Prostate Cancer Risk via Genealogy and Geography Principal Investigator: Heidi A. Hanson University of Utah Cancer Control and Population Sciences Pilot Project Awards Program Role: <u>Principal Investigator</u>
Active Contracts	
01/01/16 - Present	The male-female health-survival paradox National Institute on Aging Role: <u>Contract</u>

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Course Lectures

2014	Guest Lecturer - Life Course Epidemiology, FP MD: Biostatistics, University of Utah, Family and Preventive Medicine
2015	Guest Lecturer, FCS: Demographic Methods, University of Utah, Family and Consumer Studies
2015	Guest Lecturer - Life Course Epidemiology, FP MD: Cancer Epidemiology, University of Utah, Family and Preventive Medicine
2015 - Present	Guest Lecturer, FP MD: Advanced Research Design, University of Utah, Family and Preventive Medicine
2016	Primary Instructor, FP MD 6975 (17): Project Res-MSPH, 6 SCH, 1 student, University of Utah, Family and Preventive Medicine
2016	Guest Lecturer, Life Course Epidemiology, FP MD 6302 (1): Cancer Epi, 27 SCH, 9 students, University of Utah, Family and Preventive Medicine
2016	Primary Instructor, FP MD 6975 (17): Project Res-MSPH, 3 SCH, 1 student, University of Utah, Family and Preventive Medicine
2016	Guest Lecture, FP MD 6400: Public Health Policy & Administration, 3 credit hours, University of Utah, Family and Preventive Medicine

Trainee Supervision

Fellow

2015 - 2016	Supervisor, Erik Mayer, University of Utah
2016 - 2017	Supervisor, Piyush Pathak, University of Utah

PhD/Doctorate

2015 - Present	Advisor/Mentor, Luciano Pesci, University of Utah
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2015 - Present Advisor/Mentor, Jessica Eckhardt, University of Utah
 2016 - Present Advisor/Mentor, Brenna Blackburn, University of Utah
 2016 - Present Advisor/Mentor, Sean Soisson, University of Utah
 2016 - Present Advisor/Mentor, Jill Jim, University of Utah

Masters

2014 - 2015 Mentor, Sarah Abelaziz, University of Utah
 2014 - 2015 Mentor, Kirsan Sullivan, University of Utah
 2014 - Present Committee Member, Site Li, University of Utah
 2014 - Present Committee Member, Sarah Abelaiz, University of Utah
 2015 - 2016 Advisor/Mentor, Matthew McCord, University of Utah
 2015 Advisor/Mentor, Ashley Farris, University of Utah
 2015 - 2016 Advisor/Mentor, Scott Stevenson, University of Utah
 2015 - 2016 Advisor/Mentor, Claire Leiser, University of Utah

PEER-REVIEWED JOURNAL ARTICLES

1. Smith KR, **Hanson HA**, Mineau GP, Buys SS (2012). Effects of BRCA1 and BRCA2 mutations on female fertility. *Proc Biol Sci*, 279(1732), 1389-95.
2. Zick CD, **Hanson H**, Fan JX, Smith KR, Kowaleski-Jones L, Brown BB, Yamada I (2013). Re-visiting the relationship between neighbourhood environment and BMI: an instrumental variables approach to correcting for residential selection bias. *Int J Behav Nutr Phys Act*, 10, 27.
3. Smith KR, **Hanson HA**, Hollingshaus MS (2013). BRCA1 and BRCA2 mutations and female fertility.” [10.1097/GCO.1090b1013e32835f31731]. *Obstet Gynecol*.
4. **Hanson HA**, Smith KR (2013). Early origins of longevity: prenatal exposures to food shortage among early Utah pioneers. [doi: doi:10.1017/S2040174412000682]. *J Dev Orig Health Dis*, 4(02), 170-181.
5. Brown BB, Smith KR, **Hanson H**, Fan JX, Kowaleski-Jones L, Zick CD (2013). Neighborhood design for walking and biking: physical activity and body mass index. *Am J Prev Med*, 44(3), 231-8.
6. Lindahl-Jacobsen R, **Hanson HA**, Oksuzyan A, Mineau GP, Christensen K, Smith KR (2013). The male-female health-survival paradox and sex differences in cohort life expectancy in Utah, Denmark, and Sweden 1850-1910. *Ann Epidemiol*, 23(4), 161-6.
7. Fan JX, Brown BB, **Hanson H**, Kowaleski-Jones L, Smith KR, Zick CD (2013). Moderate to vigorous physical activity and weight outcomes: does every minute count? *Am J Health Promot*, 28(1), 41-9.
8. Smith KR, **Hanson HA**, Mineau GP (January 2014). Survival of Offspring who Experience Early Parental Death: Early Life Conditions and Later-Life Mortality. *Soc Sci Med*.
9. Maloney TN, **Hanson HA**, Smith KR (2014). Occupation and Fertility on the Frontier: Evidence from the State of Utah. *Demogr Res*, 30(Article 29), 853-886.
10. Fan JX, **Hanson HA**, Zick CD, Brown BB, Kowaleski-Jones L, Smith KR (August 2014). Geographic Scale Matters in Detecting the Relationship between Neighborhood Food Environments an Obesity Risk: An Analysis of Drive License Records in Salt Lake County, Utah. *BMJ Open*.
11. **Hanson HA**, Smith KR, Stroup AM, Harrell CJ (March, 2015). Age Period Cohort Models of Cancer among the Oldest Old. *Popul Stud (Camb)*.
12. Smadder NJ, Smith KR, **Hanson HA**, Pimentel R, Wong J, Boucher K, Ahnen D, Ulirsch CM, Burt RM, Curtin K (06/15/2015). Increased Risk of Colorectal Cancer Among Family Members of All Ages, Regardless of Age of Index Case at Diagnosis. *Clin Gastroenterol Hepatol*, 10.10(16/j.cgh.), 2015.06.040.

13. Reither E N, Land K C, Jeon SY, Powers D A, Masters R K, Zheng H, Hardy MA, Keyes K M, Fu Q, Hanson H A, Smith K R, Utz R L, Yang Y C (July 2015). Clarifying hierarchical age–period–cohort models: A rejoinder to Bell and Jones. *Soc Sci Med*.
14. Grace K, Davenport F, **Hanson H**, Funk C, Shukla S (Nov 2015). Linking climate change and health outcomes: Examining the relationship between temperature, precipitation and birth weight in Africa. *Glob Environ Change*, 35(Nov 2015), 125-137.
15. **Hanson HA**, Anderson RE, Aston KI, Carrell DT, Smith KR, Hotaling J (02/2016). Subfertility Increases Risk of testicular Cancer: Evidence from Population-Based Semen Samples. *Fertil Steril*.
16. **Hanson HA**, Smith KR, Zimmer Z (12/01/2015). Reproductive History and Later Life Comorbidity Trajectories: A Medicare Linked Cohort Study from the Utah Population Database. *Demography*, 52(6), 2021-2049.
17. Herget KA, Patel DP, **Hanson HA**, Sweeney C, Lowrance WT (01/2016). Recent Decline In Prostate Cancer Incidence in the United States, by Age, Stage, and Gleason Score. *Cancer Med*, 5(1), 136-41.
18. Hollingshaus MS, Coon H, Crowell SE, Gray DD, **Hanson HA**, Pimentel R, Smith KR (2016). Differential Vulnerability to Early-Life Parental Death: The Moderating Effects of Family Suicide History on Risks for Major Depression and Substance Abuse in Later Life. *Biodemography Soc Biol*, 62(1), 105-25.
19. Zimmer Z, **Hanson HA**, Smith KR (02/12/2016). Childhood Socioeconomic Status, Adulthood Socioeconomic Status, and Old-age Health Trajectories: Connecting Early, Middle and Late-Life. *Demogr Res*, 34, 285-319.
20. Samadder, N.J., Smith, K.R., Hanson, H., Pimentel, R., Wong, J., Boucher, K., Akerley, W., Gilcrease, G., Ulrich, C.M., Burt, R.W. and Curtin, K (03/26/2016). Cancer of unknown primary: Investigating familial cancer risk. *JAMA Oncol*.
21. Bolund, E, Lummaa, V, Smith, KR, **Hanson HA**, Maklakov, AA (4/15/2016). Reduced Costs of Reproduction in Females Mediate a Shift from a Male-Biased to a Female Biased Adult Lifespan in Humans. *Sci Rep*, 6, 24672.
22. **Hanson HA**, Horn KP, Rasmussen KM, Hoffman JM, Smith KR (4/21/2016). Is Cancer Protective against the Risk of Alzheimer Disease? Evidence from the Utah Population Database. *J Gerontol B Psychol Sci Soc Sci*.
23. Smith KR, **Hanson HA**, Brown B, Kowaleski-Jones L, Fan JX, Zick CD (05/24/2016). Movers and Stayers: How Residential Selection Contributes to the Association between Female Body Mass Index and Neighborhood Characteristics. *Int J Obes (Lond)*, 40(9), 1384-91.
24. Anderson, RE, **Hanson HA**, Patel, DP, Johnstone, E, Carrell, DT, Lowrance, WT, Smith KR (In Press). Cancer Risk in First and Second Degree Relatives of Men with Poor Semen Quality Fertility and Sterility. *Fertil Steril*, 106(3), 731-8.
25. Samadder, N.J., Smith, K.R., Wong, J., Hanson, H., Boucher, K., Burt, R.W., Charlton, M., Byrne, K.R., Gallegos-Orozco, J.F., Koptiuch, C., Curtin, K (Accepted). Familial risk of biliary tract cancers: a population-based study in Utah. *Dig Dis Sci*, 61(12), 3627-32.
26. Kowaleski-Jones L, Fan JX, Wen M, **Hanson HA** (09/16/2016). Neighborhood Context and Youth Physical Activity: Differential Associations by Gender and Age. *Am J Health Promot*.
27. Stroup AM, Herget KA, **Hanson HA**, Reed DL, Butler JT, Henry KA, Harrell CJ, Sweeney C, Smith KR (Accepted). Baby Boomers and Birth Certificates: Early Life Socioeconomic Status and Cancer Risk in Adulthood. *Cancer Epidemiol Biomarkers Prev*, 26(1), 75-84.
28. Zimmer Z, **Hanson HA**, Smith KR (10/2016). Offspring Socioeconomic Status and Parent Mortality within an Extinct Cohort. *Demography*, 53(5), 1583-1603.

29. Caplin DA, Smith KR, Ness KK, **Hanson HA**, Smith SM, Nathan PC, Hudson MM, Leisenring WM, Robison LL, Oeffinger KC (03/2017). Effect of population socioeconomic and health system factors on medical care of childhood cancer survivors: A report from the Childhood Cancer Survivor Study. *J Adolesc Young Adult Oncol*, 6(1), 74-82.
30. Anderson RE, **Hanson HA**, Lowrance WT, Redshaw J, Oottamasathien S, Schaeffer A, Johnstone E, Aston KI, Carrell DT, Cartwright P, Smith KR, Hotaling JM (03/2017). Childhood Cancer Risk In The Siblings and Cousins Of Men With Poor Semen Quality. *J Urol*, 197(3 Pt 2), 898-905.
31. Dribe M, Breschi M, Gagnon A, Gauvreau D, **Hanson HA**, Maloney TN, Pozzi L, Smith KR, Vezina H (11/25/2016). Socio-economic status and fertility decline: Insights from historical transitions in Europe and North America. *Popul Stud (Camb)*, 71(1), 3-21.
32. **Hanson HA**, Mayer EN, Anderson RE, Aston KI, Carrell DT, Berger J, Lowrance WT, Smith KR, Hotaling JM (01/2017). Familial aggregation of childhood mortality and semen quality. *Hum Reprod*, 32(1), 239-247.
33. Mayer E, Lenherr SM, **Hanson HA**, Jessop TC, Lowrance WT (05/2017). Gender Differences in Publication Productivity among Academic Urologists in the United States. *Urology*, 103, 39-46.
34. Samadder NJ, Smith KR, Wong J, Thomas A, **Hanson HA**, Boucher K, Koptiuch C, Albright LA, Burt RW and Curtin K (In Print). Cancer risk in families fulfilling the Amsterdam criteria for Lynch syndrome: A population-based study in Utah. *JAMA Oncol*.

BOOK CHAPTERS

1. Smith KR, **Hanson HA** (2015). Early Life Influences on Health and Mortality in Adulthood. In *International Encyclopedia of the Social Behavioral Sciences, 2nd edition*. Elsevier.
2. Smith KR, **Hanson HA**, Mineau G (2016). A six-pack of big ideas for historical demography. In Matthijs K., Hin S, Matsuo H and Kok J (Eds.), *The future of historical demography. Upside down and inside out*. Leuven: Acco Publishers.

PENDING PUBLICATIONS

Journal Articles

1. Kowaleski-Jones L, Brown B, Fan JX, **Hanson HA**, Zick CD, Smith KR (Under Review). The Joint Effects of Family Risk of Obesity and Neighborhood Environment on Obesity among Women. *Soc Sci Med*.
2. Samadder NJ, Pappas L, Boucherr KM, Smith KR, **Hanson HA**, Fraser A, Wan Y, Ulrich CM, Burt RW, Curtin K (Under Review). Long term colorectal cancer incidence after negative colonoscopy in persons with and without a family history of colon cancer. *Ann Intern Med*.
3. Wu YP, Kohlmann W, Curtin K, Yu Z, **Hanson HA**, Hashibe M, Parsons BG, Wong J, Schiffman JD, Grossman D, Leachman SA (Under Review). Risk of earlier Onset Melanoma is Increased among Relatives of Melanoma Patients. *Int J Cancer*.
4. Samadder JN, Pappas L, Boucherr KM, SMith KR, **Hanson HA**, Fraser A, Wan Y, Burt RW, Curtin K (Under Review). Long Term Colorectal Cancer Incidence after Negative Colonoscopy in the state of Utah – The Effect of Family History. *Am J Gastroenterol*.
5. Garibotti G, **Hanson HA**, Smith KR (Under Review). Recursive Partitioning Methods to Understand Factors Associated with Human Longevity. *Biodemography Soc Biol*.
6. **Hanson HA**, Hasstedt SJ, Smith KR (R&R). Heritability of Post-Reproductive Longevity and the Role of Early and Mid-Life Conditions. *J Gerontol A Biol Sci Med Sci*.

UNPUBLISHED POSTER PRESENTATIONS

1. **Hanson HA**, Maloney TN, Smith KR (2014). *Extended Kinship Networks, Socioeconomic Resources, and Reproductive Behavior during the Demographic Transition*. Poster session presented at Population Association of America Annual Meeting, Boston, MA.

ORAL PRESENTATIONS

Meeting Presentations (Not Published Abstracts and Not Unpublished Posters)

International

2015 - Present Hanson HA, Smith KR, Hasstedt S. "Heritability of Longevity and the Role of Early Life Conditions." International Congress Historical Sciences; International Committee for Historical Demography

National

2010 Smith KR, **Hanson HA**, Mineau GP, Reed DL, Fraser A. "Early Origins of Fertility and Longevity Among Siblings: Pre-Natal Exposures to Drought and Food Shortages Among Early Utah Pioneers." Population Association of America 2010 Annual Meeting.

2011 **Hanson HA**, Smith KR, Brown B, Zick C, Kowaleski-Jones L, Fan J. "The Relationship between Neighborhood Socioeconomic Change and Obesity Trends." Pacific Sociological Association Annual Conference 2011.

2011 Smith KR, **Hanson HA**, Brown B, Zick C, Fan J, Kowaleski-Jones L. "BMI, Diabetes, and Neighborhood Characteristics: Assessing the Role of Selection by Studying Movers and Stayers." Population Association of America 2011 Annual Meeting.

2011 Kowaleski-Jones L, **Hanson HA**, Smith KR, Zick CD. "BMI and place: An assessment using alternative urban and rural typologies." Presented at the 2011 Rural Sociological Society Annual Meetings, Boise, ID.

2011 Smith KR, **Hanson HA**, Mineau G, Fraser A, Reed LD. "Longevity of Offspring of Centenarians: Evidence from the Utah Population Database." Presented in the Gerontological Society of America 2011 Annual Scientific Meeting.

2011 **Hanson HA**, Smith KR. "Dynamic Duo: The relationship between neighborhood socioeconomic change and obesity trends." Annual Pacific Sociological Association meeting.

2012 Smith KR, Reed DL, **Hanson HA**, Mineau GP, Fraser A. "All in the Family: Fertility and mortality consequences for child survivors of the 1918 influenza pandemic." Social Science History Association Annual Meeting.

2012 **Hanson HA**, Smith KR, Stroup A, Harrell J, Rull R. "Cancer Incidence and Prevalence in the Oldest Old: Disentangling Age, Period, and Cohort Effects." Population Association of America 2012 Annual Meeting. (Also presented a version of the paper at the Sociology Brown Bag Seminar and the Cancer Control and Population Sciences Program at Huntsman Cancer Institute Research in Progress Meeting).

2012 Smith KR, **Hanson HA**, Zimmer Z. "Early Life Conditions and Later Life (65+) Co-morbidity Trajectories: The Utah Population Database Linked to Medicare Claims Data." Population Association of America 2012 Annual Meeting.

- 2012 Smith KR, **Hanson HA**, Mineau G. “Perishing Parents and Persevering Progeny: Effects of the Timing of Parental Death and Remarriage on Adult Offspring Mortality.” International Seminar on Pathways to Health: How intermediary life conditions mediate or modify early life effects.
- 2012 Smith KR, Reed DL, **Hanson HA**, Mineau GP, Fraser A. “All in the Family: Fertility and mortality consequences for child survivors of the 1918 influenza pandemic.” Social Science History Association 2012 Annual Meeting.
- 2012 Maloney TN, **Hanson HA**, Smith KR. “Occupation and Fertility on the Frontier: Evidence from the State of Utah.” Social Science History Association 2012 Annual Meeting.
- 2013 Hollingshaus MS, Hanson HA, Smith KR. “Familial Susceptibility to Suicide, Death of Parents in Early Life, and Behavioral Health Disorders in Older Adulthood: Fx E Interactions”. Integrating Genetics and the Social Sciences.
- 2013 Dribe M, Bras H, Breschi M, Gagnon A, Gauvreau D, Hanson HA, Maloney TN, Mazzoni S, Molitoris J, Pozzi L, Smith KR, Vezina H. “Socioeconomic Status and Fertility: Insights from Historical Transitions in Europe and North America”. Economic History Association.
- 2013 Stroup AM, Hergert KA, **Hanson HA**, Lane DR, Butler J, Henry KA, Harrell CJ, Sweeney C, Smith KR. “Utah Baby Boomers, Early-Life Socioeconomic Status, and Cancer Risk: What we learned from Cancer Registry Linkage to State Birth Certificates” NAACCR (North American Association of Central Cancer Registries) Annual Conference.
- 2013 Smith KR, **Hanson HA**, Mineau GP. “Look Two Steps Back to See One Step Ahead: The role of grandmaternal and grandpaternal age on survival.” Population Association of America 2013 Annual Meeting.
- 2013 **Hanson HA**, Smith KR, Zimmer Z. “Reproductive History and Later Life Co-Morbidity Trajectories: Are the fertile frail?” To be presented at the Population Association of America 2013 Annual Meeting.
- 2013 Zimmer Z, **Hanson HA**, Smith KR. “Early and Mid-Life Socioeconomic Status and Later-Life Co-morbidity Trajectories” Annual Reseau Esperance de Vie en Sante (REVES) conference.
- 2013 **Hanson HA**, Maloney TN, Smith KR. “Extended Kinship Networks, Socioeconomic Resources, and Reproductive Behavior during the Demographic Transition.” Social Science History Association Annual Meeting.
- 2013 **Hanson HA**, Smith KR, Hasstedt S. “Heritability of Longevity and the Role of Early Life Conditions.” Social Science History Association Annual Meeting.
- 2014 Zimmer Z, Hanson HA, Smith KR. “The Socioeconomic Status of Offspring, Their Social Mobility, and the Mortality of Their Parents: An Examination of Extinct Cohorts.” Population Association of America Annual Meeting.
- 2014 Hanson HA, Smith KR, Hasstedt S. “Heritability of Longevity and the Role of Early Life Conditions.” Population Association of America Annual Meeting.
- 2014 Smith KR, Hanson HA, Cawthon R, Mineau GP, Kerber R, Norton M. “Early Life Conditions and Cause-Specific Mortality in the Cache County Memory and Health Study: Gene-Environment Interactions with APOE Genotypes.” Population Association of America Annual Meeting.

- 2014 Grace K, Davenport F, **Hanson HA**, and Funk C. Examining the Relationship between Temperature, Rainfall and Low Birth Weight: Evidence from 21 African Countries. Population Association of America Annual Meeting. Boston, MA.
- 2014 **Hanson HA**, Maloney TN, Smith KR. "Extended Kinship Networks, Socioeconomic Resources, and Reproductive Behavior during the Demographic Transition." Population Association of America Annual Meeting. Boston, MA. Poster winner.
- 2014 Neklason D, Burt R Schaefer C, Mineau GP, Leppert M, Hanson HA, Smith KR. Impact of Genetic Testing on Reducing Colorectal Cancer. The American Society of Human Genetics Annual Meeting
- 2014 **Hanson HA**, Horn K, Smith KR, Rasmussen KM, Hoffman J. "Understanding the Link between Cancer and Dementia: Evidence from the Utah Population Database". Gerontology Association of America Meeting.
- 2014 **Hanson HA**, Maloney TN, Pesci L, Smith KR. "Socioeconomic Status and Infant Mortality on the American Frontier: Evidence from the Utah Population Database". Social Science History Association of America Annual Meeting
- 2015 **Hanson HA**, Smith KR, Horn K, Rasmussen KM, Li S, Hoffman J. Linking Cancer and Dementia: The Importance of considering the Competing Risk of Mortality. Population Association of America Annual Meeting. San Diego, CA.
- 2015 Jamal M, Shah K, **Hanson HA**, Smith KR. Increased Incidence of Barrett's Esophagus and Esophageal Malignancy in Individuals with Gastroesophageal Reflux Diagnoses in Childhood
- 2016 Stroup A, Herget K, **Hanson HA**, Reed DL, Butler J, Henry K, Harrell CJ, Sweeney C, Smith KR. Translating Early Life Socioeconomic Status to Cancer Risk in Adulthood: The Case of Utah Baby Boomers
- 2016 Smith KR, **Hanson HA**, Zimmer Z, Mineau G. Longevity, Lineage, and Ladders. Population Association of America Annual Meeting, Washington DC.
- 2016 Kowasleski-Jones L, Brown B, Fan J, **Hanson HA**, Smith KR, Zick C. The Joint Effects of Family Risk of Obesity and Neighborhood Environment on Obesity Among Women. Population Association of America, Washington DC.
- 2016 Donrovich R, **Hanson HA**, Smith KR. The Widowhood Effect in Polygamous Marriages: Evidence from the Utah Population Database. Population Association of America Annual Meeting, Washington DC, 2016
- 2016 **Hanson HA**, Smith KR, Mineau G, Hammer A, Yu Z. Is it my Flock or my Block? Spatial and Familial Clustering of Infant and Child Mortality in Utah 1930 - 1940. Social Science History Association Annual Meeting, Chicago, Illinois.