

Elaine M. Hernandez

Department of Sociology
Indiana University
Ballantine Hall 702
1020 E. Kirkwood Avenue
Bloomington, IN 47405
Email: ehernan@indiana.edu
Phone: 812-855-0124

Academic Positions

2014 Assistant Professor, Department of Sociology, Indiana University
2011-14 F32 National Institutes of Health Postdoctoral Fellow
Population Research Center, University of Texas
Mentors: Robert Hummer, Debra Umberson, and Mark Hayward

Education

2011 PhD, Sociology, University of Minnesota
The Unintended Consequences of Biomedical Advances
Committee: John Robert Warren, Phyllis Moen, David Knoke, J. Michael Oakes,
Michael Davern, and Bernice Pescosolido
2004 MPH, Public Health Administration and Policy, University of Minnesota
Committee: Beth Virnig and Michelle van Ryn
2002 BA, Medical Anthropology, University of Notre Dame

Research Areas of Interest

Sociology of Health and Illness, Social Demography, Life Course, Stratification

Peer-Reviewed Publications

Thomeer, Mieke, Elaine M. Hernandez, Debra Umberson, Patti Thomas. "Influence of Social Connections on Smoking Behavior across the Life Course." Forthcoming. *Advances in Life Course Research*.
Hernandez, Elaine M., Michael Vuolo, Brian C. Kelly, and Laura C. Frizzell. "Moving Upstream: The Role of Tobacco Clean Air Restrictions on Educational Inequalities in Smoking among Young Adults." Forthcoming. *Demography*
Hernandez, Elaine M., Erin Pullen, and Jonathan Brauer. 2019. "Social Networks and the Emergence of Health Inequalities Following a Medical Advance: Examining Prenatal H1N1 Vaccination Decisions." *Social Networks* 58:156-167.

- Kelly, Brian C., Mike Vuolo, Laura C. Frizzell, and Elaine M. Hernandez. 2018. "Denormalization, smoke-free air policy, and tobacco use among young adults." *Social Science & Medicine* 211:70-77.
- Hernandez, Elaine M., Rachel Margolis, and Robert A. Hummer. 2018. "Educational and Gender Differences in Health Behavior Changes After a Hypertension Diagnosis." *Journal of Aging and Health*. 3:342-364.
- Halpern-Manners, Andrew. Landon Schnabel, Elaine M. Hernandez, Judy L. Silberg, and Lindon J. Eaves. 2016. "The Relationship between Education and Mental Health: New Evidence from a Discordant Twin Study." *Social Forces* 95: 107-131.
- Hernandez, Elaine M. 2013. "Provider and Patient Influences on the Formation of Socioeconomic Health Behavior Disparities Among Pregnant Women." *Social Science & Medicine* 82:35-42.
- Hernandez, Elaine M. and Christopher Uggen. 2012. "Institutions, Politics and Mental Health Parity." *Society & Mental Health* 2: 154 – 171.
- Warren, John Robert, Laurie Knies, Steven A. Haas and Elaine M. Hernandez. 2012. "The impact of childhood sickness on adult socioeconomic outcomes: evidence from late 19th century America." *Social Science & Medicine* 75:1531-1538.
- Warren, John Robert and Elaine M. Hernandez. 2007. "Did Socioeconomic Inequalities in Mortality and Morbidity Change in the U.S. over the Course of the 20th Century?" *Journal of Health & Social Behavior* 48:335-51.

Book Chapters

- Moen, Phyllis, and Elaine Hernandez. 2009. "Social Convoys: Studying Linked Lives in Time, Context, and Motion." In *The Craft of Life Course Research*, edited by G. Elder, Jr. and J. Giele, pp. 258-279. New York: Guilford Press.

Monographs or Edited Journals

- Hummer, Robert A. and Elaine M. Hernandez. 2013. "The Effect of Educational Attainment on Adult Mortality in the United States." *Population Bulletin* 68(1).

Other Publications

- Hernandez, Elaine M. 2016. "Teaching Premedical Students in the Sociology Classroom." *Footnotes: The Newsletter of the American Sociological Association* 44(8): January.
- Kozhimannil, Katy B., Elaine Hernandez, Dara D. Mendez, Theresa Chapple-McGruder. "Beyond The Preventing Maternal Deaths Act: Implementation And Further Policy Change." *Health Affairs Blog*. February 4, 2019.

Manuscripts in Progress

Hernandez, Elaine M. and Jessica Calarco. "I'm Sure It's Fine: Why Highly Educated Women Report Higher Rates of Alcohol Consumption During Pregnancy."

Hernandez, Elaine M., Jonas Helgertz, Elizabeth Anderson, John Robert Warren, Florencia Torche, and Claire Margerison. "The Effect of In Utero Exposure to the 1918 Influenza Pandemic on Infant and Child Mortality in the United States."

Halpern-Manners, Andrew, Tabitha Wilbur, and Elaine Hernandez. "A Causal Test of Spousal Crossover Effects on Health."

Hernandez, Elaine M., Angela Chow, Camila Arnaudo, Claire Draucker, Maritza Maestre Steele, Joanna Lara, Amelia Hawbaker. "Perinatal Unmet Mood Disorder Needs and Network Characteristics."

Joanna Lara, Nicholas Smith, Pullen, Erin, and Elaine M. Hernandez. "Socioeconomic Status and Social Networks during Pregnancy."

Hernandez, Elaine M., Jonathan Daw, Mieke Thomeer. "Education and Smoking Behavior Across Generations."

Externally Funded Research Grants and Fellowships

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| 2012-2014 | Awardee, National Institutes of Health Loan Repayment Program in Health Disparities Research (National Center on Minority Health and Health Disparities) |
| 2011-2014 | Principal Investigator "Emerging Health Inequalities: Education, New Health Events, and Social Networks" National Institute of Child Health and Human Development Kirschstein National Research Service Award (F32 HD070595)
F32 Individual Postdoctoral Fellowship (\$143,670 over three years)
Impact score 10; 3 rd percentile
Population Research Center, University of Texas
Sponsors: Robert A. Hummer, Debra Umberson and Mark Hayward |
| 2010-2011 | American Sociological Association Minority Fellowship (declined stipend) |
| 2010 | National Science Foundation, Social, Behavioral & Economic Sciences
Doctoral Dissertation Research Improvement Grant (\$10,000; SES-1002794) |
| 2009-2010 | George Bennett Dissertation Fellowship (stipend and \$5,000 for research)
Foundation for Informed Medical Decision Making |
| 2004-2006 | National Institute of Mental Health, National Research Service Award,
MH19893 Mental Health and Adjustment in the Life Course Training Grant
Predoctoral Fellowship, University of Minnesota, Department of Sociology |

Internally Funded Research Grants and Fellowships

2019	Indiana University, Center for Innovative Teaching and Learning Summer Instructional Development Fellowship
2018	Indiana University, Indiana Clinical and Translational Sciences Institute Networks, Complex Systems & Health PDT, with Jessica Calarco (\$21,000)
2015	Indiana University Bloomington Collaborative Research and Creative Activity Funding Award, with Bernice Pescosolido (\$19,926)
2015	Indiana University Overseas Conference Grant (\$1,000)
2010-2011	Doctoral Dissertation Fellowship, University of Minnesota, Graduate School
2009-2010	Children, Youth and Family Consortium Fellow, University of Minnesota (\$5,000)
2009	Dissertation Thesis Research Grant, Graduate School, University of Minnesota (\$2,500)
2009	Graduate Research Partnership Program with John Robert Warren, (\$4,000) Department of Sociology, University of Minnesota
2007-2011	Minnesota Population Center Professional Development Award (total \$2,500)
2007-2008	Graduate Student Support Initiative Pre-Doctoral Fellowship University of Minnesota, College of Liberal Arts
2004	Hawley Grant, University of Minnesota, Academic Health Center (\$1,500)
2002-2004	Health Tuition Equity Waiver, Public Health Administration and Policy University of Minnesota, School of Public Health

Honors and Awards

2019	Donald W. Light Paper Award for Applied or Public Practice of Medical Sociology, with Brian C. Kelly, Mike Vuolo, and Laura C. Frizzell
2012	Roberta G. Simmons Outstanding Dissertation in Medical Sociology Award Medical Sociology Section, American Sociological Association
2011	Louise Johnson Scholar Award, based on academic merit and graduate paper Medical Sociology Section, American Sociological Association
2011	Public Health Honorary Society, Delta Omega, University of Minnesota
2011	Don Martindale Scholarship in Sociology, graduate student achievement award Department of Sociology, University of Minnesota
2009-2010	Mayo Clinic Foundation Scholarship Award (\$1,500; tuition expenses)
2009	Women of Color Dissertation Award Department of Sociology, University of Minnesota
2004	Barbara Ann Walton Spradley Leadership Award School of Public Health, University of Minnesota
2002	Anthropology Honor Society, Lambda Alpha, University of Notre Dame

Refereed Presentations

American Sociological Association (ASA)

Population Association of America (PAA)

Hernandez, Elaine M. and Jessica Calarco. “Prenatal Alcohol Consumption by Educational Attainment.” Presented at the PAA Annual Meeting, Austin, TX (April 2019).

Hernandez, Elaine M., Jonas Helgertz, John Robert Warren, Florencia Torche, Claire Margerison, Elizabeth Anderson. “The Effect of In Utero Exposure to the 1918 Influenza Pandemic on Life Expectancy in the United States.” Presented at the PAA Annual Meeting, Austin, TX (April 2019).

Hernandez, Elaine M., Michael Vuolo, Brian C. Kelly, and Laura C. Frizzell. “Moving Upstream: The Role of Tobacco Clean Air Restrictions on Educational Inequalities in Smoking among Young Adults.” Presented at the PAA Annual Meeting, Denver, CO (April 2018) and the ASA Annual Meeting in Philadelphia, PA (August 2018).

Hernandez, Elaine M., Jonathan Daw, Mieke Thomeer. “Linked Lives and Smoking: The Joint Influences of Parental, Spousal, and Individual Education on Smoking Behavior.” Presented at the PAA Annual Meeting, Denver, CO (April 2018).

Hernandez, Elaine M. “Why Take the Risk? Prenatal Alcohol Consumption as a Countervailing Mechanism.” Presented at the ASA Annual Meeting, Montreal, Canada (August 2017).

Halpern-Manners, Andrew, Landon Schnabel, and Elaine M. Hernandez. “The Relationship between Education and Mental Health: New Evidence from a Discordant Twin Study.” Presented at the ASA Annual Meeting, Chicago, IL (August 2015).

Hernandez, Elaine M., Rachel Margolis, and Robert A. Hummer. “Are there Educational and Race/Ethnic Differences in Health Behavior Changes Following a Chronic Disease Diagnosis?” Presented at the PAA Annual Meeting, New Orleans, LA (April 2013).

Hernandez, Elaine M. “Provider and Patient Influences on the Formation of Socioeconomic Health Behavior Disparities Among Pregnant Women.” Presented at the ASA Annual Meeting, Denver, CO (August 2012).

Hernandez, Elaine M. “The Educational Stratification of Social Influence Processes and the Valuation of Health Risks.” Presented at the PAA Annual Meeting, San Francisco, CA (May 2011).

Hernandez, Elaine M. “Expanding our Understanding of the Formation of Social Inequalities in Health: Education, Networks and Health Behaviors in the Face of Uncertainty.” Presented at the ASA Annual Meeting, Las Vegas, NV (August 2011).

Hernandez, Elaine M. “Emerging Health Inequalities Among Pregnant Women: New Health Information, Education and Social Networks.” Presented at the ASA Annual Meeting, Las Vegas, NV (August 2011).

Hernandez, Elaine M. “The Unintended Consequences of Biomedical Advances: Socioeconomic Gradients in Health Behaviors Among Pregnant Women.” Presented at the ASA Annual Meeting, Atlanta, GA (August 2010); and the PAA Annual Meeting, Washington, DC (March 2011).

- Hernandez, Elaine M. and John Robert Warren. "The Effects of Macro- and Individual-Level Socioeconomic Status on Child Mortality in Brazil, 1970 and 2000." Presented at the International Sociological Association Research Committee on Social Stratification and Mobility RC28 Annual Meeting, Montréal, Canada (August 2007); and the PAA Annual Meeting, New Orleans, LA (April 2008).
- Swenson, Tami, Senka Hadzic and Elaine M. Hernandez. "Socioeconomic Gradients in Morbidity in the Late 19th Century: An Examination of Self-Reported Conditions by Households Enumerated in the 1880 Census." Presented at the PAA Annual Meeting, New York, NY (March 2007).
- Hernandez, Elaine M. and Christopher Uggen. "Sources of Variation in State Mental Health Parity Laws." Presented at the ASA Annual Meeting, Montréal, Canada (August 2006).
- Warren, John Robert and Elaine M. Hernandez. "Did Socioeconomic Inequalities in Mortality and Morbidity Change in the U.S. over the Course of the 20th Century?" Presented at the PAA Annual Meeting, Los Angeles, LA (March 2006).
- Hernandez, Elaine M., Scott Eliason, Jennifer C. Lee, Eric Tranby, Jeremy Staff, and Jeylan T. Mortimer. "Latent Life Pathways of Transition to Adulthood and Mental Health." with Jeylan Mortimer. Presented at the Society for Research on Adolescence Biennial Meeting, San Francisco, CA (March 2006); and the ASA Annual Meeting. New York, NY (August 2007).
- Warren, John Robert and Elaine M. Hernandez. "Health Inequalities over Time: Evidence from US Cohorts Born Between the 1890s and 1970s." Presented at the ASA Annual Meeting, Philadelphia, PA (August 2005); and the International Sociological Association Research Committee on Social Stratification and Mobility RC28 Annual Meeting, Los Angeles, CA (August 2005).
- Warren, John Robert and Elaine M. Hernandez. "Inter-Cohort Trends in Age-Specific Health Inequalities: A Test of the Theory of Fundamental Causes." Presented at the PAA Annual Meeting, Philadelphia, PA (March 2005).
- Hernandez, Elaine M., Scott Eliason, Jennifer C. Lee, Eric Tranby, Jeremy Staff, and Jeylan T. Mortimer. "Latent Life Pathways and Mental Health Outcomes in the Transition to Adulthood." Presented at the Midwest Sociological Society Annual Meeting, Minneapolis, MN (March 2005).
- Bayomi, Dennis, Elaine M. Hernandez and Leslie W. King. "Attitudes, Awareness and Personal Practices Relating to Diet, Physical Activity and Other Lifestyle Factors Among North American Community Health/Public Health Graduate Students." Presented at the American Public Health Association Annual Meeting, San Francisco, CA (November 2003).

Invited Presentations

- Elaine M. Hernandez. "Using Universal Policies to Ameliorate Health Inequalities." Reverberations of Inequality Conference, with Chloe Bird, Raj Chetty, David Daley, Susan Dynarski, Sam Friedman, Michael Kraus, Bruce Link, Karolyn Tyson, and Brishen Rogers. The Andrea Mitchell Center for the Study of Democracy. University of Pennsylvania (September 2019).

- Elaine M. Hernandez. "The Unintended Consequences of Medical Advances: Educational Gradients in Prenatal Behaviors During First Pregnancy." Inequality and Methods Workshop. Minnesota Population Center, University of Minnesota. Minneapolis, MN. (September 2012).
- Elaine M. Hernandez. "The Unintended Consequences of Medical Advances: Educational Gradients in Prenatal Behaviors During First Pregnancy." Early Career Scholars Series. University of Nebraska. Lincoln, NE. (April 2012).
- Elaine M. Hernandez. "The Unintended Consequences of Medical Advances: Educational Gradients in Prenatal Behaviors During First Pregnancy." Brown Bag Seminar Series. Population Research Center, University of Texas. Austin, TX. (March 2012).
- J. Michael Oakes and Elaine M. Hernandez. "The Kids are Alright: Research by Students." Public Responsibility in Medicine & Research (PRIM&R) Annual Meeting. Orlando, FL. (Nov 2008).

Conference Participation

- Participant, Integrating Genetics and the Social Sciences Annual Conference, University of Colorado. Boulder, CO (October 2015 and 2017).
- Facilitator, United States/United Kingdom Medical Sociology Conference. "Health and Illness Behavior." Reykjavik, Iceland (June 2015).
- Chair and Organizer, Population Association of America Annual Meeting, "Health Behaviors, Health, and Mortality," and "Education and Health Inequalities." San Diego, CA (April/May 2015).
- Organizer, American Sociological Association of America Annual Meeting, "Regular Session: Health Policy." New York, NY (August 2014).

Teaching Experience

- Health and Society, undergraduate-level (Indiana University)
- Health Behavior Analysis, undergraduate-level (Indiana University)
- Introduction to Sociology, undergraduate-level (Indiana University)
- Social Problems: Medicine in America, undergraduate-level (Indiana University)
- Sociology of Health and Illness, undergraduate-level (University of Minnesota)

Service

National

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| 2019 | Editorial Board: <i>Journal of Health and Social Behavior</i> |
| 2016-2017 | American Sociological Association (ASA)
Medical Sociology Section, Nominations Committee |
| 2010-2011 | ASA, Medical Sociology Section, Student Nominations Committee |
| 2009-2011 | ASA, Population Section, Student Representative |
| 2007-2008 | ASA, Medical Sociology Section, Student Nominations Committee |

University

- 2008-2009 Promotion, Tenure and Salary Committee, Graduate Student Representative
Department of Sociology, University of Minnesota
- 2008-2009 Minnesota Population Center Advisory Board, Graduate Student Representative
University of Minnesota
- 2003-2004 Public Health Administration and Policy, Graduate Student Representative
Health Policy Management, University of Minnesota
- 2009-2010 Executive Steering Committee for the Upper Midwest Workshop in Population Studies,
Graduate Student Member, Minnesota Population Center
- 2008-2009 Graduate Student First-Year Mentoring Program
Department of Sociology, University of Minnesota
Co-founder of program to aid students from a diversity of backgrounds in their
transition to graduate school
- 2006-2009 Institutional Review Board Committee, Social and Behavioral Sciences University of
Minnesota
- 2002-2004 School of Public Health Senate, University of Minnesota

Reviewer: American Sociological Review, Demography, Journal of Health and Social Behavior, Social Science & Medicine, Sociology of Education, Sociological Inquiry, Society and Mental Health, Social Forces, Social Psychology Quarterly, Journal of Health and Place, Sociological Inquiry, Population Research and Policy Review, Appetite, Robert Wood Johnson (grant applications)

Professional memberships

- Developmental Origins of Health and Disease (2018-current)
- Interdisciplinary Association for Population Health Science (2016-current)
- Population Association of America (2007-current)
- American Sociological Association (2004-current)
- International Sociological Association
Research Committee on Social Stratification RC28 (2005-2010)
- Society for Research on Adolescence (2006-2010)
- American Public Health Association (2003-2004)