

## Curriculum Vitae

**Jason D. Boardman**

October 2009

### **Office Address:**

Department of Sociology  
University of Colorado, UCB 327  
Boulder, CO 80309-0327  
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### **Education:**

Ph.D. University of Texas, Austin, Sociology (2002)  
B.A. University of California, Berkeley, Political Economy of Industrial Societies (1992)

### **Research and Teaching Interests:**

Health disparities, behavioral genetics, biodemography, and quantitative methods.

### **Professional Activities:**

Associate Professor: Department of Sociology, University of Colorado (2008-present)  
Regular Member, Social Sciences and Population Studies (SSPS) Section, Center for  
Scientific Review, NIH (2009-2013)  
Associate Director: CU Population Center (2005-present)  
Faculty Research Associate: Institute of Behavioral Science (2003-present)  
Editorial Board Member, *Social Forces* (2009-2011)  
Associate Editor, *Journal of Biodemography and Social Biology* (2006-2009)  
Associate Editor, *Journal of Health & Social Behavior* (2006-2009)  
Affiliate Editor, *Children, Youth, & Environments* (2006-2008)  
Advisory Board Member, *Society for Biodemography and Social Biology* (2006-2008)  
Advisory Council: *Children, Youth, & Environments Center*. University of Colorado (2005-2006).  
Core Member: Social Environment Working Group, National Children's Study (2002-2005).  
Assistant Professor: Department of Sociology, University of Colorado (2002-2008)  
Mathematics Teacher, Fremont High School, Oakland, California (1993-1995)

### **Publications**

#### *Journal Articles*

Boardman, Jason D., Casey L. Blalock, and Fred C. Pampel. "Trends in the genetic influences on smoking." Forthcoming, *Journal of Health & Social Behavior*.  
Sakai, Joseph T., Jason D. Boardman, Heather Gelhorn, Andrew Smolen, Robin P. Corley, Scott Menard, David Huizinga, Del Elliot, and Mike C. Stallings. "Utilizing trajectory analyses to refine phenotype for genetic associations: conduct problems and 5HTTLPR." Forthcoming, *Psychiatric Genetics*.  
Trinitapoli, Jenny, Christopher G. Ellison, and Jason D. Boardman. 2009. "US religious congregations and the sponsorship of health-related programs." *Social Science & Medicine*, 68(12):2231-2239.

- Boardman, Jason D. State-level moderation of genetic tendencies to smoke. 2009. *American Journal of Public Health* 99(3):480-486.
- Button, Tanya M.M., Michael C. Stallings, Soo Hyun Rhee, Robin P. Corley, Jason D. Boardman, and John K. Hewitt. 2009. "Perceived peer delinquency and the genetic predisposition for polysubstance dependence vulnerability." *Drug and Alcohol Dependence* 100:1-8.
- Boardman, Jason D., Liam Downey, James S. Jackson, J. Bryce Merrill, Jarron M. Saint Onge, and David R. Williams. 2008. "Proximate industrial activity and psychological distress." *Population & Environment* 30:3-25.
- Boardman, Jason D., Casey L. Blalock, and Tanya M.M. Button. 2008. "Sex differences in the heritability of resilience." *Twin Research and Human Genetics* 11(1):12-27.
- Boardman, Jason D. Jarron M. Saint Onge, Brett C. Haberstick, David S. Timberlake, and John K. Hewitt. 2008. "Do schools moderate the genetic determinants of smoking?" *Behavior Genetics* 38(3):234-46.
- Saint Onge, Jarron M., Lori M. Hunter, and Jason D. Boardman. 2007. "Population growth in high amenity rural areas: does it bring new opportunity for long-term residents." *Social Science Quarterly*, 88(2):366-381.
- Conley, Amanda R. and Jason D. Boardman. 2007. "Weight overestimation as an indicator of disordered eating behaviors among young women in the United States." *International Journal of Eating Disorders* 40(5).
- Boardman, Jason D. 2006. "Self-rated health among U.S. adolescents." *Journal of Adolescent Health*, 38(4):401-8.
- Hunter, Lori M., Jason D. Boardman, and Jarron M. Saint Onge. 2005. "The association between amenity-related rural population growth and long-term residents' economic well-being." *Rural Sociology*, 70(4): 452-469.
- Boardman, Jason D., Jarron M. Saint Onge, Richard G. Rogers, and Justin Denney. 2005. "Obesity among black and white adults: the impact of place." *Journal of Health and Social Behavior*, 46(3):229-243.
- Boardman, Jason D. and Jarron M. Saint Onge. 2005. "Neighborhoods and adolescent development." *Children, Youth, and Environments*, 15(1):138-64.
- Boardman, Jason D. 2004. "Health pessimism among black and white adults: the role of interpersonal and institutional maltreatment." *Social Science & Medicine*, 59: 2523-2533.
- Denney, Justin T., Patrick M. Krueger, Richard G. Rogers, and Jason D. Boardman. 2004. "Race/ethnic and sex differentials in body mass among us adults." *Ethnicity & Disease*, 14: 389-398.
- Boardman, Jason D. 2004. "Stress and physical health: the role of neighborhoods as mediating and moderating mechanisms." *Social Science & Medicine*, 58: 2473-2483.
- Krueger, Patrick M., Richard G. Rogers, Robert A. Hummer, and Jason D. Boardman. 2004. "Body mass, smoking, and overall and cause specific mortality among older U.S. adults." *Research on Aging*, 26:82-107.
- Boardman, Jason D. and Sam Field. 2002. "Spatial mismatch and racial differences in male joblessness: Cleveland and Milwaukee, 1990." *The Sociological Quarterly*, 43:237-55.
- Boardman, Jason D., Daniel A. Powers, Yolanda C. Padilla, and Robert A. Hummer. 2002. "Low birth weight, social factors, and developmental outcomes among children in the United States." *Demography*, 39:353-68.
- Padilla, Yolanda C., Jason D. Boardman, Robert A. Hummer, and Marilyn Espitia. 2002. "Is the Mexican-American epidemiologic paradox advantage maintained through early childhood development?" *Social Forces*, 80:1101-1123.

- Boardman, Jason D., Brian Karl Finch, Christopher G. Ellison, David R. Williams, and James S. Jackson. 2001. "Neighborhood disadvantage, stress, and drug use among adults." *Journal of Health and Social Behavior*, 42:151-165.
- Ellison, Christopher G., Jason D. Boardman, David R. Williams, and James Jackson. 2001. "Religious participation and the life-stress paradigm: findings from the 1995 Detroit Area Study." *Social Forces*, 80:215-49.
- Boardman, Jason D., Brian Karl Finch, and Robert A. Hummer. 2001. "Race, birth weight, and maternal reports of asthma for a nationally representative sample of young children in the United States." *Population Research and Policy Review*, 3:1-20.
- Krause, Neal, Christopher G. Ellison, Benjamin A. Shaw, Jack P. Marcum, and Jason D. Boardman. 2001. "Church-based social support and religious coping." *Journal for the Scientific Study of Religion*, 40:637-656.
- Boardman, Jason D., and Stephanie Robert. 2000. "Neighborhood *Sociological Perspectives*, 43:117-136.
- Finch, Brian K., Jason D. Boardman, William A. Vega, and Bohdan Kolody. 2000. "Contextual effects of acculturation on perinatal substance exposure among immigrant and native-born Latinas." *Social Science Quarterly*, 81: 421-438.

*Book chapters and encyclopedia entries*

- Kingston, Beverly, Brink, Lois, Van Vliet, Willem, Wridt, Pamela, and Boardman, Jason D. (in press). Learning from learning landscapes: promoting children's healthy development. In *Environments, Behaviour, and Society* eds. Gary T Moore, Dr Duanfang Lu and Dr Richard J Lamb. Springer, Dordrecht: The Netherlands.
- Boardman, Jason D. and Michael J. Shanahan. 2008. "Genetic influences in early life." *Encyclopedia of the Life Course and Human Development*, Macmillan Reference USA.
- Michael J. Shanahan, and Jason D. Boardman. 2009. "Gene-environment interplay across the life course: overview and problematics at a new frontier." In Giele, Janet Z., and Glen H. Elder, Jr., (eds.). *Methods of Life Course Research: Qualitative and Quantitative Approaches*. Thousand Oaks, CA: Sage.

*Under Review*

- Haberstick, Brett C., Jeffery M. Lessem, Matthew McQueen, Christian J. Hopfer, Andrew Smolen, Jason D. Boardman, and John K Hewitt. "Heritable sex-differences and body mass index during adolescence and young adulthood." *Behavior Genetics* (revision requested 12/01/08).
- Boardman, Jason D. "Is gene-environment interplay relevant to the study of political behaviors and attitudes?" Invited chapter. Hatemi, Pete and Rose McDermott, eds. *Political Biology*. New York, Cambridge University Press.
- Boardman, Jason D. Casey L. Blalock, Robin P. Corley, Michael C. Stallings, Benjamin W. Domingue, Matthew B. McQueen, Ying Lu, Tom Crowley, John K. Hewitt, and Samuel H. Field. "Ethnicity, body mass, and genome wide data." *Biodemography and Social Biology* (submitted 10/12/09).

*In progress*

- Boardman, Jason D., Casey L. Blalock, Fred Pampel, Pete Hatemi, Andrew Heath, and Lindon Eaves. "Period differences in the genetics of smoking desistence." Plan to submit to *Demography* by 10/01/09.

## Research Grants and Contracts:

### Current

K01 HD 50336            Boardman (PI)            7/2005-6/2010            6 AY/ 3SM  
NIH/NICHD

*The Social Determinants of Genetic Expression: A Lifecourse Perspective.*

Using data from the National Longitudinal Study of Adolescent Health and the Rochester Youth Development Study, this project investigates the role of genetic characteristics as determinants of important health-related behaviors. By focusing on various social contexts of adolescent's lives (e.g., schools, neighborhoods, peer groups, and families) the goal of this study is to highlight the social environment as fundamentally shaping the relationship between genotype and phenotype.

Role: PI

1 R21 HD 051146-01 (Rogers)            7/2005 – 5/2010            .75 AY (contributed)  
NIH/NICHD

*Population Center Grant*

This grant provides population research infrastructural support to build the University of Colorado Population Center (CUPC) within our Population Program. Through our core services we will raise research quality and quantity; provide additional demographic mentoring and training, especially to junior investigators; encourage collaborative and interdisciplinary demographic research; facilitate interaction among researchers nationally and internationally; and build bridges between departments, institutes, programs, centers, and other universities.

Role: Core Director

### Pending

1 R01 HD060726-01    Boardman/McQueen (PI)            8/2010-7/2015            .9 AY, 1 SM  
NIH/NICHD

*Social demographic moderation of genome-wide associations for body mass index*

Role: PI

Reviewed (2<sup>nd</sup> review) 06/2009, score 38, percentile 29

   Conger (PI)            4/2010-3/2015            .9 AY, 1 SM  
NIH/NICHD

*A Genetic Study of Personal Traits that Promote or Inhibit Individual Well-Being*

Role: Co-PI

Reviewed (1<sup>st</sup> review) 10/2009, score 15, percentile 9

1 R01 HD061622-01    Shanahan (PI)                       .9 AY, 1 SM  
NIH/NICHD

*Genetic Risk, Pathways to Adulthood, and Health Inequalities*

Role: Co-PI

Reviewed (2<sup>nd</sup> review) 10/2009, score 10, percentile not available.

   Coley (PI)            7/2010-6/2013            . 2 SM  
William T. Grant Foundation

*Health Risk Trajectories Across Adolescence: Understanding Gender Differences*

Role: Consultant

Submissions planned in near future

1 R01 HD060726-01 Boardman/McQueen (PI) 8/2010-7/2015 .9 AY, 1 SM  
NIH/NICHD

*Social demographic moderation of genome-wide associations for body mass index*

Role: PI

Reviewed (2<sup>nd</sup> review) 06/2009, priority score 38, percentile 29. Resubmitting 11/09.

1 R01 DA025689-01 Thornberry (PI) 8/2009-7/2014 1.5 AY, 1.1 SM

*Genetic and environmental risk for substance use and health-risking sex behaviors*

NIH/NICHD

Role: Co-PI

Reviewed (2<sup>nd</sup> review), priority score 261, percentile: 49.6

1 R01 AA018564-01 Chung/Ehringer 8/2009-7/2014 .9 AY, 1 SM

*Onset & initial response to alcohol & tobacco: genetic & environmental influences*

NIH

Role: Co-PI

Reviewed (2<sup>nd</sup> review) 5/2009, priority score 46. Resubmitting 11/09.

Completed projects

837F664/3297 Boardman (PI) 9/2006-8/2008 0.25 month/c. year  
MIDUS Pilot Grant Program (Rutgers University)

*Genetic Aspects of Psychological Resiliency among U.S. Adults*

Role: PI

053073 Brink (PI) 4/2005-5/2008 0.02 month/c. year

Robert Wood Johnson Foundation

*Evaluating the effects of inner-city school playground redevelopment on physical activity levels in children*

Role: Consultant

SES-0243249 Rogers (PI) 6/2003-4/2005 0.50 month/c. year  
NSF

*Collaborative Research: Religious Involvement and Mortality in the U.S.*

Role: Co-PI

2003-35401-13888 Hunter (PI) 9/2003-4/2005 0.75 month/c. year  
USDA/NRI

*Amenity-Related Demographic Change and Rural Households' Economic Well-Being.*

Role: Co-PI

Internal funding

“Gene environment interplay in social demographic analyses.” Big XII fellowship recipient.

Principal Investigator. \$2,500. Project dates: 03/20/09-03/29/09.

“Psychological resiliency as a heritable characteristic”. University of Colorado Population Center (CUPC) Demography Pilot Research Program. Principal investigator. \$10,000 award. Project dates: 09/01/06-12/31/06.

### **Invited Talks**

- “Temporal and Spatial Variation in Genetic Influences on Health and Health Behaviors”. Invited speaker to the 7th Wits-Brown-Colorado-APHRC (WBCA) Colloquium on Emerging Population Issues. Boulder, CO May 4<sup>th</sup>, 2009.
- “Gene-environment interplay among adolescents and young adults.” Carolina Consortium on Human Development, Center for Developmental Science, University of North Carolina-Chapel Hill, October 20<sup>th</sup>, 2008.
- “A sociological examination of gene-environment interplay.” Colloquium series, Department of Sociology, Penn State University, September 26<sup>th</sup>, 2008.
- “Socio-genetic influences on smoking: trends over fifty years.” Presentation to the MIDUS Pilot Grant Program, Center for Demography of Health and Aging, University of Wisconsin, April 15<sup>th</sup>, 2008.
- “Social Demographic Perspectives on Behavioral Genetics: What do you get when you cross a sociologist, a demographer, and a behavioral geneticist?” Charles B. Nam Lecture, Center for Demography and Population Health, Florida State University, February 29<sup>th</sup>, 2008.
- “Incorporating Molecular Information within Social Demographic Analysis.” Frank W. Notestein Seminar Series, Office of Population Research, Princeton University, November 27<sup>th</sup>, 2007.
- “Gene-environment interactions associated with drug-related behaviors: theoretical and methodological considerations.” Invited speaker to the 11<sup>th</sup> International Congress of the International Federation of Psychiatric Epidemiology, Goteborg, Sweden, May 3<sup>rd</sup>-May 6<sup>th</sup>, 2007.
- “Collecting genetic information in social surveys: intellectual merit versus cost, respondent burden, and respondent vulnerability”. Invited speaker to the 4th Wits-Brown-Colorado-APHRC (WBCA) Colloquium on Emerging Population Issues. Nairobi, Kenya, May 21st - 25th, 2006
- “Incorporating genetic information into a biodemographic framework: Substantive and methodological challenges”. Sponsored by the Population Program and the Health and Society Program of the Institute of Behavioral Science, University of Colorado at Boulder. April, 21, 2006.
- “The social determinants of genetic expression” Presented to the Population Research Center, University of Texas. May 4, 2006.
- “Neighborhoods in Detroit: Composition, Context, and Health Outcomes.” Presented the Population Research Center, University of Texas. November 2, 2001.

### **Invited Participation**

- Teaching Race and Ethnic Relations: Syllabi and Instructional Materials*. 2007. Donald Cunnigen, ed. American Sociological Association compendium of teaching resources. Contribution of a graduate and an undergraduate syllabus on the social demography of race in the United States.
- “NIH Conference on Understanding and Reducing Disparities in Health: Behavioral and Social Sciences Research Contributions.” October 23-24, 2006, NIH Campus. (<http://obssr.od.nih.gov/HealthDisparities/index.html>).

“Mapping the Environment: A workshop on Measuring the Social Environment in Drug Abuse Research.” sponsored by the National Institute on Drug Abuse (NIDA). November 1-2 2006, at the Marriott Bethesda Hotel.

### **Additional Training:**

*Advanced Workshop on Methodology of Twin and Family Studies.* March, 2009. Boulder, Colorado.

NIMH supported workshop building on the previous twin and family studies workshop. Short Course on the Genetics and Epigenetics of Addiction. March 31-April 4<sup>th</sup>, 2008.

Bethesda, MD. NIDA supported workshop on gene-environment interactions, genome-wide association, and genetic epidemiology of drug use, abuse, and addiction.

*Advanced Workshop on Methodology of Twin and Family Studies.* March 5-9, 2007. Boulder, Colorado. NIMH supported workshop building on the previous twin and family studies workshop.

*FBAT/PBAT Short Course.* October 15-16, 2007. Institute for Behavioral Genetics, University of Colorado, Boulder.

*Stanford Workshop on Biodemography.* February 10-12, 2006. Napa, California. NIH/NICHD supported workshop for the application of molecular genetic information to demographic inquiry, twin and sibling studies, and reproductive physiology.

*The Nineteenth International Workshop on Methodology of Twin and Family Studies.* March 6-10, 2006. Boulder, Colorado. NIMH supported workshop focusing on quantitative, molecular, and behavioral genetics.

*Society for Life History Research on Psychopathology.* Portland, Oregon, September, 2005.

Participation in a conference focusing on important domains of psychopathology across the life course. An important part of the conference was a workshop on the introduction to Behavioral Genetics by John Hewitt, Director of the Institute for Behavioral Genetics at the University of Colorado at Boulder.

*Multilevel Statistical Models Workshop.* Houston, Texas, March, 2001. Annual workshop hosted by the University of Texas School of Public Health to introduce social demographers, social epidemiologists, and public health researchers to multilevel modeling and the MLWin software. The workshop is organized by Ronald B. Harrist and Kay T. Kimball.

### **Honors and Awards:**

Provost Faculty Achievement Award. University of Colorado at Boulder (2007).

Outstanding Faculty Mentor Award. Presented on behalf of the graduate students in the Department of Sociology at the University of Colorado at Boulder (2004).

Continuing Fellowship: University of Texas at Austin (2002).

Thematic Fellowship: University of Texas at Austin (2001).

Academic Achievement Tuition Fellowship: University of Texas at Austin (1999-02).

Program Evaluation Fellowship: Hogg Foundation for Mental Health, University of Texas at Austin (2000).

### **Presentations at Professional Meetings**

*American Sociological Association* (1999-2005; 2007-2009)

*Population Association of America* (2002-2007; 2008-2009)

*Southern Demographic Association* (1999, 2002)

*Society for the Scientific Study of Religion* (2001)

*Pacific Sociological Association* (1999)

*Southern Sociological Society* (1998)

*Society for Research in Child Development* (2009)

## **Courses Taught:**

### *Graduate:*

SOCY 5021: *Data analysis (1).*

SOCY 5161: *Topics in Social Stratification/ Social Demography of Race and Ethnicity (2).*

SOCY 5601: *Advanced Data Analysis: Generalized Linear and Mixed Modeling Techniques (1).*

### *Undergraduate:*

SOCY 2061: *Introduction to Social Statistics (9).*

SOCY 4035: *Social Stratification (1).*

SOCY 3015: *The Sociology of Race and Ethnicity (1).*

### *Secondary Education:*

Mathematics: Algebra I, Algebra II, Trigonometry, Geometry, and Pre-Calculus. John C. Fremont High School, Oakland, California (Fall '93-Summer '95).

## **Service to the Discipline:**

Ad Hoc Reviewer: Journal of Health & Social Behavior, Demography, Social Science & Medicine, Social Problems, Ethnicity & Disease, The Sociological Quarterly, Social Science Quarterly, Journal for the Scientific Study of Religion, Journal of Epidemiology and Community Health, Social Forces, and Population Research & Policy Review.

Discussant at Professional Meetings:

American Sociological Association. 2004.

Population Association of America. 2008.

Session Organizer at Professional Meetings:

Population Association of America. 2008.

Session Chair at Professional Meetings:

Population Association of America. 2003, 2007

American Sociological Association. 2003.

## **Department Activities:**

Committee Participation:

Member, Search committee: Population Studies (Anthropology and Geography), 2006.

Member, Search committee: Criminology (2005 & 2006); Member, Advisory Board: Social Science Data Laboratory, Departments of Sociology and Political Science.

Member, Search Committee, Assistant Professor of Sociology (Health Behaviors/IBS), 2005-2006; Chair, Search Committee, Assistant Professor of Sociology/Political Science and Director of the Social Science Data Lab, 2004-2005; Member, Search Committee, Assistant Professor of Sociology (Health Behaviors/IBS), 2004-2005; Member, Search Committee, Assistant Professor of Economics (Health Behaviors/IBS), 2004-2005; Member, Diversity Committee, 2004-2005; Member, Undergraduate Committee, 2003-2004; Member, Methods Comprehensive Examination Committee, 2004-2007; Member, Graduate Committee, 2002-2003, 2007-8; Member, Ad Hoc Committee for Teaching Equity, 2003.

Faculty Advisor:

Jarron Saint Onge (2003-present); Brian Hawkins (2004); Bethany Everett (2005-present)

Faculty Teaching Mentor:

Tara Opsal (2005-present)

Doctoral Dissertation Committee Member:

Beverly Kingston, Sociology (2004-2005); Andrew Thangasamy, Political science (2005-2007); Erin Trapp, Sociology (2005-2006); Josh Sidon, Economics (2005-2007); Jarron Saint Onge, Sociology (2005-2007); Megan Wilson, Health Sciences-CU Denver (2007-2008).

Master's Thesis Committee Member:

Clionadh Raleigh, Geography (2004); Ted Holland, Geography (2007)

Undergraduate Thesis Chair

Rachel Klein (2004); Megan Harris (2005); Katelin Lucariello (2007).

Undergraduate Thesis Committee Member:

Sociology-Stephanie Vincent (2005); Christopher Hovey (2003); Kimberly Gordy (2003); Michael Imdieke (2003). Political Science- Judd Larson (2009); Brittany Perry (2007), Katherine Heilmann (2006), Sarah Bard (2005); Communication Department- Kimberly Herman (2005); Economics - Christine Rohde (2007).

Undergraduate Independent Study:

George Sharman (Spring 2004); Leslie Kaup (Spring 2005)

Graduate Independent Study:

Jarron Saint Onge (Spring 2004); Summer Woo (Spring 2005)

Specialty Comprehensive Examination Committee Member:

Melinda Nagai (2003); Jarron Saint Onge (2004); Dawn Stanley (2005); Erin Trapp (2005); Duke Austin (2008); Christine Bevc (2007); Elaine de Castro McFarland (2008); John Tribbia (2009).