

Clare Rosenfeld Evans

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Profile

- Social Epidemiologist and Medical Sociologist with expertise in quantitative research and a record of developing novel methods to study the social determinants of health.
- Research specialties include the roles of social networks, place and environment, and intersectional social processes in the social production of health inequalities.

Academic Employment

Assistant Professor, Department of Sociology, University of Oregon 2016 – Present
Faculty Fellow, Department of Sociology, University of Oregon 2015 – 2016

Education

Harvard School of Public Health (HSPH) Boston, MA
2015

Doctor of Science, Department of Social and Behavioral Sciences

Concentration: Social Epidemiology. Minors: Medical Sociology and Quantitative Methods

Honors: John F. and Virginia B. Taplin Fellow

Dissertation: Innovative Approaches to Investigating Social Determinants of Health—Social Networks, Environmental Effects and Intersectionality.

Committee: S.V. Subramanian (Chair), David R. Williams, Jukka-Pekka Onnela.

Columbia University Mailman School of Public Health New York, NY
2011

Master of Public Health, Department of Sociomedical Sciences, Research Track

Thesis: The Perpetuation of Social Disadvantage: Assessing the Plausibility of a Social Diffusion Mechanism Using a Dynamic Model.

Honorable Mention, Best Thesis Award, Department of Sociomedical Sciences.

Lewis and Clark College Portland, OR
2008

Bachelor of Arts in Chemistry and International Affairs, *magna cum laude*

Honors: Phi Beta Kappa, Robert B. Pamplin Fellow, Barbara H. Neely Scholar

Research Interests

- **Intersectionality and health inequalities:** assessing health inequalities at the intersections of multiple dimensions of social identity; advancing quantitative methods to study intersectionality.
- **Disentangling the joint contributions of social networks and environments,** such as neighborhoods, schools and workplaces, to health behaviors and outcomes.
- **Environmental health inequalities.**

Peer Reviewed Publications

1. **Evans, CR.** (2019). Adding Interactions to Models of Intersectional Health Inequalities: Comparing Multilevel and Conventional Methods. *Social Science & Medicine* 221:95-105. 2019 Article

2. **Evans, CR***, and N Erickson. (2019). Intersectionality and Depression in Adolescence and Early Adulthood: A MAIHDA Analysis of the National Longitudinal Study of Adolescent to Adult Health, 1995-2008. *Social Science & Medicine* 220:1-11. 2019 Article

* With graduate student.

3.	Gildner, TE, JJ Snodgrass, CR Evans , and P Kowal. (2018). Are Physical Performance and Subjective Well-Being Linked in Older Adults? Results from the Study on Global AGEing and Adult Health (SAGE). <i>Journal of Aging and Physical Activity</i> (Epub ahead of print):1-31. doi: 10.1123/japa.2016-0359.	2018 Article
4.	Milliren, CE, CR Evans , TK Richmond, and EC Dunn. (2018). Does an Uneven Sample Size Distribution Across Settings Matter in Cross-Classified Multilevel Modeling? Results of a Simulation Study. <i>Health and Place</i> 52:121-26.	2018 Article
5.	Evans, CR , DR Williams, JP Onnela, and SV Subramanian. (2018; Epub 30 Nov 2017). A Multilevel Approach to Modeling Health Inequalities at the Intersection of Multiple Social Identities. <i>Social Science & Medicine</i> 203:64-73. doi: 10.1016/j.socscimed.2017.11.01. <u>Presented by CRE to: Pacific Sociological Association, 2017 Meeting, Section on Demography, Population, and Methods.</u>	2018 Article
6.	Lippert, A, CR Evans , F Razak, and SV Subramanian. (2017). Associations of Continuity and Change in Early Neighborhood Poverty with Adult Cardiometabolic Biomarkers in the United States: Results from the National Longitudinal Study of Adolescent to Adult Health, 1995-2008. <i>American Journal of Epidemiology</i> :1-12. doi: 10.1093/aje/kww206.	2017 Article
7.	Milliren, CE, TK Richmond, CR Evans , EC Dunn, and RM Johnson. (2017). Contextual Effects of Neighborhoods and Schools on Adolescent and Young Adult Marijuana Use in the United States. <i>Substance Abuse: Research and Treatment</i> 11:1-10.	2017 Article
8.	Green, MA*, CR Evans* , and SV Subramanian. (2017). Can Intersectionality Theory Enrich Population Health Research? Invited Commentary. <i>Social Science & Medicine</i> 178:214-16. doi: 10.1016/j.socscimed.2017.02.029. * Co-First authors.	2017 Commentary
9.	Evans, CR , DR Williams, JP Onnela, and SV Subramanian. (2016). Multiple Contexts and Adolescent Body Mass Index: Schools, Neighborhoods, and Social Networks. <i>Social Science & Medicine</i> , 162, 21-31.	2016 Article
10.	Richmond, TK, EC Dunn, CE Milliren, CR Evans , and SV Subramanian. (2016). Disentangling Overlapping Influences of Neighborhoods and Schools on Adolescent Body Mass Index. <i>Obesity</i> , 24(12): 2570-2577.	2016 Article
11.	Evans, CR , AM Lippert, and SV Subramanian. (2016). The Persistent Clustering of Adult Body Mass Index by School Attended in Adolescence. Short Report. <i>Journal of Epidemiology and Community Health</i> , 70, 260-63.	2016 Short Report
12.	Dunn, EC, CE Milliren, CR Evans , SV Subramanian, and TK Richmond. (2015). Disentangling the Relative Influence of Schools and Neighborhoods on Adolescents' Risk for Depressive Symptoms. <i>American Journal of Public Health</i> , 105(4), 732-740. <u>Presented by ECD to: 20th International Epidemiologic Association World Congress of Epidemiology; 17-21 Aug 2014, Anchorage, Alaska.</u>	2015 Article
13.	Orr, MG, and CR Evans . (2011). Understanding Long-Term Dynamics in the Prevalence of Adolescent Sexual Initiation: A First Investigation Using Agent-Based Modeling. <i>Research in Human Development</i> , 8(1), 48-66.	2011 Article

Under Review

14.	Persmark, A, M Wemrell, CR Evans , SV Subramanian, G Leckie, and J Merlo. Intersectional Inequalities and the U.S. Opioid Crisis: Challenging Dominant Narratives and Revealing Unseen Realities. Revise and Resubmit (Dec 2018) from: <i>Critical Public Health</i> .	Revise & Resubmit Article
15.	Evans, CR . Reintegrating Context into Quantitative Intersectional Analyses of Health Inequalities.	Under Review Article
16.	Liévanos, RS, CR Evans , and R Light. An Intersectional Ecology of Lead Exposure: Complex Environmental Health Vulnerabilities in the Flint Water Crisis.	Under Review Article

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| 17. | Silva, T, and CR Evans .* How Do Adolescent Social Determinants and Social Contexts Shape Adult Sexual Identification?
* With graduate student. | Under Review
Article |
| 18. | Barker, KM, SV Subramanian, L Berkman, SB Austin, and CR Evans .* Adolescent Sexual Initiation: A Cross-Classified Multilevel Analysis of Peer Group, School, and Neighborhood-level Influences.
* Senior author. | Under Review
Article |
| 19. | Evans, CR . Modeling the Intersectionality of Processes in the Social Production of Health Inequalities. Invited Commentary. <i>Social Science & Medicine</i> . | Under Review
Commentary |

Working Papers (in preparation)

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| 20. | Richmond, TK, CE Milliren, K Sonnevile, H Gooding, and CR Evans .* Clustering of Dieting Behaviors Within Social Networks.
* Senior author.

<i>Presented by TKR to: Pediatric Academic Societies National Meeting, Baltimore, MD, 3 May 2016.</i> | Article |
| 21. | Barker, KM, SV Subramanian, L Berkman, SB Austin, and CR Evans .* Socio-Contextual and Normative Effects on Teen Pregnancy: A Cross-Classified Multilevel Analysis.
* Senior author. | Article |
| 22. | Evans, CR , CE Milliren, K Sonnevile, H Gooding, and TK Richmond. Dieting Behaviors in Young Adulthood and Adolescent Network Community and School BMI Norms. | Article |
| 23. | Evans, CR , SV Subramanian, DR Williams, and JP Onnela. Social Network Segregation by Family Income Level Among U.S. Adolescent Friendship Networks. | Article |
| 24. | Barker, KM, EC Dunn, TK Richmond, and CR Evans .* Cross-Classified Multilevel Models (CCMM) in Health Research: A Systematic Review of Published Empirical Studies.
* Senior author. | Article |
| 25. | Silva, T, and CR Evans .* Sexual Identification at the Intersections of Gender, Race/Ethnicity, Immigration, and Education: Analyzing Intersectionality Using Multilevel Models.
* With graduate student. | Article |

Presentations

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| ▪ | Evans, CR. "Quantitative Intersectional Methods: Theory and Policy Implications." Invited Presentation to the University of New Mexico, Transdisciplinary Research, Equity & Engagement (TREE) Center for Advancing Behavioral Health, Albuquerque, New Mexico. | Upcoming in
2019 |
| ▪ | Evans, CR. "Multilevel Intersectional Methods: The State of the Field." Invited Presentation to the University of New Mexico, Transdisciplinary Research, Equity & Engagement (TREE) Center for Advancing Behavioral Health, Albuquerque, New Mexico. | Upcoming in
2019 |
| ▪ | Evans, CR. "A Multilevel Approach to Modeling Health Inequalities at the Intersection of Multiple Social Identities." Presented at the Annual meeting of the Pacific Sociological Association, Section on Demography, Population, and Methods, Portland, OR. | 2017 |
| ▪ | Evans, CR. "Multiple Contexts and Adolescent Body Mass Index: Schools, Neighborhoods, and Social Networks." Invited Presentation to the University of Oregon, Department of Geography, Eugene, OR. | 2016 |
| ▪ | Evans, CR. "Multiple Contexts and Adolescent Body Mass Index: Schools, Neighborhoods, and Social Networks." Invited Presentation to the Harvard T.H. Chan School of Public Health, Network Science Research Group, Boston, MA. | 2015 |

Teaching Experience

University of Oregon, Department of Sociology

- SOC 311 – Intro to Social Research Methods: Winter 2019
Fall 2017
Winter 2017 (2 sections)
- SOC 399 – Sociology of Health and Medicine: Spring 2017
Spring 2016
- SOC 613 – Multilevel and Panel Data Analysis: Winter 2018
Winter 2016

Harvard School of Public Health, Department of Biostatistics

- Introduction to Social and Biological Networks, Teaching Assistant Fall 2014

Harvard School of Public Health, Department of Social and Behavioral Sciences

- Psychosocial Theories of Health and Health Behavior, Teaching Assistant Spring 2014

Columbia University Mailman School of Public Health, Department of Sociomedical Sciences

- Sociomedical Sciences Core Course, Teaching Assistant Fall 2010

Students

Graduate Students – Doctoral Dissertation Committees

- **Camila Alvarez** – Department of Sociology, University of Oregon
Race, Place, and Environmental Inequality. Active
- **Heather Marek** – Department of Sociology, University of Oregon
Criminalizing Our Way to Racial Equality? An Empirical Look at Hate Regulation. Successfully Defended
August 9, 2018
- **Patrick Greiner** – Department of Sociology, University of Oregon
*Growth, Power and Time: Developing a Deeper Understanding of Anthropogenic
Drivers of Carbon Dioxide Emissions from 1960-2015.* Successfully Defended
June 1, 2018

Graduate Students – Comprehensive Exam Committees

- **Natasha Erickson** – Department of Sociology, University of Oregon Active
- **Heather Marek** – Department of Sociology, University of Oregon Completed
Sociology of Law and Racial Inequality in the Law. Fall 2017

Graduate Students – Masters Thesis Committees

- **Natasha Erickson** – Department of Sociology, University of Oregon Completed
*Labeling and Delinquency: Assessing the Relationship Between Special Education and
Gifted Labels and Post High School Arrests.* Fall 2018
- **Erica Goodfriend** – Department of Sociology, University of Oregon Completed
*Failure to be Flexible: Impacts of Neoliberal Individualism and Discourse on Women's
Experiences of Childbirth.* Spring 2017
- **Diego Contreras Medrano** – (Co-Chair) Department of Sociology, University of Oregon Completed
*The Impact of Social Capital on the Monthly Savings of Mexican Migrant Workers in the
US during the NAFTA era.* Spring 2017

Undergraduate Honors Theses

- **Kymmi Donaghue** – (Primary Advisor) Department of Sociology, University of Oregon Active
- **Wyatt Keuter** – (Primary Advisor) Department of Sociology, University of Oregon Completed
Great Expectations: How Educational Expectations, Desires, and Attainment Affect Changes in Depressive Symptoms from Adolescence to Early Adulthood. Spring 2018

Faculty Mentor – Other Student Research

- **Kathryn M Barker** – Mentor, co-author, external consultant to dissertation committee. Successfully Defended
Doctoral dissertation at Harvard T.H. Chan School of Public Health. February 26, 2018
Social Network Influences on Adolescent Sexual and Reproductive Health Outcomes.
- **Nicky Tettamanti** – Faculty Advisor, undergraduate research project. Completed
Barriers Facing Transgender Survivors of Sexual Assault Accessing Services. Spring 2017
(IRB Protocol Number: 04262017.004).

Service

Departmental Service – Department of Sociology, University of Oregon

- Medical Sociology Faculty Position Search Committee. Present
- International Student Committee. 2017 – Present
- Colloquium Committee. 2015 – 2017

University Service – University of Oregon

- Core Faculty Member, Global Health Minor. 2016 – Present
- Faculty Affiliate, Center for Global Health, University of Oregon. 2015 – Present
- Global Health Minor Committee. 2016 – 2017
- Consultant on survey and study design to the Oregon Livability Survey Project (funded through the NITC). 2016 – 2018

Service to the Discipline

- Advisory Editor, *Sociological Perspectives*. 2016 – Present
- Reviewer for: *Social Science & Medicine; Sociological Perspectives; Perspectives on Sexual and Reproductive Health; Methodology*. 2015 – Present

Grants

- Marquina Award. University of Oregon. *Intersectional Neighborhood Inequalities and the Presence of Environmental Polluters*. Faculty Member Collaborator, with graduate student Camila Alvarez. \$2,500. 2019
- Marquina Award. University of Oregon. *Identifying Structural and Contextual Influences of Sexual Identity Adoption—Schools, Neighborhoods, and Social Networks*. Faculty Member Collaborator, with graduate student Tony Silva. \$2,500. 2018
- Interdisciplinary Award in the Humanities and Social Sciences. University of Oregon. *A Toolkit for Computational Environmental Health Science: Tracking Environmental Health Events Using Big Data*. Co-Investigator. \$25,000. 2017

Fellowships and Scholarships

- John F. and Virginia B. Taplin Fellow, Harvard T.H. Chan School of Public Health 2011 – 2013
- Robert B. Pamplin Fellow, Lewis and Clark College 2005 – 2008
- Barbara H. Neely Scholar, Lewis and Clark College 2004 – 2008

Spirit of Community Service (National Award), Prudential 2003

Honors and Awards

Honorable Mention, Best Thesis Award, Department of Sociomedical Sciences,
Columbia University Mailman School of Public Health 2011

Evan T. Williams General Chemistry Award, Lewis and Clark College Department of Chemistry 2005

Certificate of Merit for Highest Honor in Science and Mathematics, Society of Women Engineers 2004

Daily Point of Light Award, Points of Light Foundation 2003

Violet Richardson Award, Soroptomist International 2003

Charles H. Best Award for Services in the field of Diabetes, highest national honor for volunteers, given
by American Diabetes Association 2002

ReAct Take Action Award, ReAct and New World Foundation 2000

Peace Pole Award, Oregon Peacemakers Conference 2000

Quantitative Skills

Analysis:

- Hierarchical (multilevel and longitudinal) regression analysis and cross-classified multilevel modeling.
- Social network analysis, egocentric and sociocentric analyses (including network community detection algorithms).
- Agent-based computational modeling of complex adaptive systems with emergent properties.
- Simulation-based modeling of social diffusion and contagion processes through social networks.

Data analysis programming and simulation experience with:

- SAS, STATA, Python, MLwiN, R, Netlogo, Berkeley Madonna

Experience with large and longitudinal data sets, including:

- The National Longitudinal Study of Adolescent to Adult Health (Add Health).
- The National Epidemiologic Survey of Alcohol and Related Conditions (NESARC), National Institute on Alcohol Abuse and Alcoholism (NIAAA).
- The Longitudinal Aging Study in India (LASI).
- 2010 United States Census and 2010 American Community Survey.

Professional Associations

- Faculty Affiliate and Core Faculty Member, University of Oregon Center for Global Health.
- American Sociological Association, Medical Sociology Section.
- Harvard T.H. Chan School of Public Health Network Science Research Group (Emeritus).

Diabetes Advocacy Publications

1. **Rosenfeld, C.** (2004). Diabetes Care In The Developing World. *Practical Diabetes International*, 21, 276.
2. **Rosenfeld, C.** (2004). *A Diabetes Diary: A Journey Across Our World*. Copenhagen, Denmark: Novo Nordisk A/S.
3. **Rosenfeld, C.** (2004). Diabetes in El Salvador. *Practical Diabetes International*, 22.
4. **Rosenfeld, C.** (2003). *Dilemma: How can we justify dedicating scarce economic resources to diabetes care and yet recognize that there are other life-threatening epidemics in the world?* Novo Nordisk 2003 Annual Sustainability Report. Copenhagen, Denmark.
5. **Rosenfeld, C.** (2003). In Friendship and in Health. *Leadership Magazine*, 32, 22-23.
6. **Rosenfeld, C.** (2003). Youth Ambassadors: Dreaming, Learning, Doing. *Diabetes Voice*, 48.

Media Recognitions

1. Nimlos, A. (2015). "Clare Rosenfeld Evans: Studying Health Inequalities." *Diabetes Forecast*, May, Available online: <http://www.diabetesforecast.org/2015/may-jun/clare-rosenfeld-evans.html>.
2. Siegel, K, and KM Venkat Narayan. (2008). "The Unite for Diabetes campaign: Overcoming constraints to find a global policy solution." *Globalization and Health*, 4(3). Available online: <https://globalizationandhealth.biomedcentral.com/articles/10.1186/1744-8603-4-3>
3. Al-Samarrie, N. (2006). "IDF Aiming for a Worldwide Resolution on Diabetes." *Diabetes Health*, 15, 30-32.
4. Kennedy, LP. (2006). "WebMD the Magazine's 2006 Health Heroes." *WebMD the Magazine*.
5. Khalaf, H. (2005). *Young Voices: Life with Diabetes*. Copenhagen, Denmark: Novo Nordisk A/S in Association with John Wiley & Sons Ltd.
6. LaMountain, J. (2001). "Clare Rosenfeld: National Youth Advocate." *Diabetes Forecast*, March, 56-57.
7. Lewinson, R. (2005). "Clare Rosenfeld: Traveling the World to Make a Difference." *Countdown to a Cure*, 25, 8-11.
8. Troy, M. (2003). Taking Action. *Diabetes and You*.