BIOGRAPHICAL SKETCH

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NAME: Mooney, Stephen

eRA COMMONS USER NAME (credential, e.g., agency login): SMOONEY

POSITION TITLE: Assistant Professor, Epidemiology

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Yale University, New Haven, CT	B.S	05/1998	Computer Science
Columbia University, New York, NY	M.S.	05/2012	Epidemiology
Columbia University, New York, NY	Ph.D.	08/2016	Epidemiology
Harborview Injury Prevention & Research Center, University of Washington, Seattle, WA	Post-doctoral	07/2018	Injury Prevention

A. Personal Statement

I am an Assistant Professor in the Department of Epidemiology at the University of Washington, with an interest in injury prevention and the use of secondary data and epidemiologic methods to improve population-based research.

B. Positions, Scientific Appointments, and Honors

Positions and Scientific Appointments
2019-   Assistant Professor, University of Washington, Seattle, WA
2018-   Research Core Associate Director, Harborview Injury Prevention & Research Center, Seattle, WA
2018-2019   Acting Assistant Professor, University of Washington, Seattle, WA
2016-2018   Postdoctoral Research Fellow, University of Washington, Seattle, WA
2011-2012   Research Assistant, Columbia University, New York City, NY
2008-2011   Generalist Programmer, AdNectar, Palo Alto, CA
2004-2008   Lead Developer, Pure Networks, Seattle, WA
1998-2004   Software Design Engineer, Microsoft, Redmond, WA

Honors
2016   Gelman Award for Excellence in Epidemiology Columbia University, New York, NY
2016   Haddon Award for Excellence in Injury Epidemiology, Columbia University, New York, NY
2014   Donald Gemson Memorial Scholarship for Epidemiology
2012   Gelman Award for Excellence in Epidemiology, Columbia University, New York, NY
1994   National Merit Scholar

C. Contributions to Science

1. The infrastructure and people in the places we live, work, and play affect our health and health-related behaviors, including our propensity to be physically active (Mooney 2017), our risk for pedestrian injury (Mooney 2016), our diet (Mooney 2018), and our mental health (Joshi 2017). I led or made substantial contributions to numerous studies documenting these influences.

1. Mooney SJ, Joshi S, Cerdá M, Kennedy GJ, Beard JR, Rundle AG. Neighborhood Disorder and Physical Activity among Older Adults: A Longitudinal Study. 2017. Journal of Urban Health. PMID: 28108872; PMCID: PMC5359178
2. Mooney SJ, DiMaggio CJ, Lovasi GS, Neckerman KM, Bader MDM, Teitler JO, Sheehan DM, Jack DW, Rundle AG 2016. Using Google Street View to Assess Environmental Contributions to Pedestrian Injury. American Journal of Public Health. PMID: 26794155
3. Mooney SJ, Lemaitre RN, Siscovick DS, Hurvitz P, Goh CE, Kaufman TK, Zulaika G, Sotoodehnia N, Sheehan DM, Lovasi GS. 2018. Neighborhood Food Environment, Dietary Fatty Acid Biomarkers, and Cardiac Arrest Risk. Heath and Place. PMID: 30121010
4. Joshi S, Mooney SJ, Rundle AG, Quinn JW, Beard J, Cerdá M. 2017. Pathways from neighborhood poverty to depression among older adults. Health & Place. PMID: 28049071 PMCID: PMC5285438

2. Methodological challenges arise when using study designs and epidemiologic approaches to study place-based effects. I have led research investigating these methodological issues (Mooney 2014, Mooney 2016, Lovasi 2017) and making suggestions for how best to resolve them (Lovasi 2016).

1. Mooney SJ, Richards CA, Rundle AG. 2014. There Goes the Neighborhood Effect: Bias Due to Non-Differential Measurement Error in the Construction of Neighborhood Contextual Measures. Epidemiology. PMID: 24815303; PMCID: PMC4504192
2. Mooney SJ, Zulaika G, Sheehan DM, Rundle AG, McGill K, Behrooz MR, Lovasi, GS. 2016. Quantifying Distance Overestimation From Global Positioning System in Urban Spaces. American Journal of Public Health. PMID: 26890178 PMCID: PMC4815998
3. Lovasi GS, Fink DS, Mooney SJ, Link BG. 2017. Model-based and design-based inference goals frame how to account for neighborhood clustering in studies of health in overlapping context types. Social Science and Medicine – Population Health. PMID: 29276757; PMCID: PMC5737714
4. Lovasi GS, Mooney SJ, Muennig P, DiMaggio C. 2016. Cause and Context: Place-Based Approaches to Investigate How Environments Affect Mental Health Social Psychiatry and Psychiatric Epidemiology. Social Psychiatry and Psychiatric Epidemiology. PMID: 27787585; PMCID: PMC5504914

3. Working with emerging technologies poses unique technical (Mooney 2015, Mooney 2018), inferential (Mooney 2017), and ethical (Bader 2016) challenges. I have led both conceptual and practical investigations to identify and overcome these challenges.

1. Mooney SJ, Pejaver V. 2018. Big Data in Public Health: Terminology, Machine Learning, and Privacy. Annual Review of Public Health. PMID: 29261408
2. Mooney SJ, Westreich DJ, El-Sayed AM. 2015. Epidemiology in the Big Data Era. Epidemiology. PMID: 25756221; PMCID: PMC4385465
3. Mooney SJ. 2017. Invited Commentary: The Tao of Clinical Cohort Analysis-When the Transitions That Can Be Spoken of Are Not the True Transitions. PMID: 28338912; PMCID: PMC5394247
4. Bader MDM, Mooney SJ, Rundle AG. 2016. Protecting Personally Identifiable Information when Using Online Geographic Tools for Public Health Research. American Journal of Public Health, PMID: 26794375; PMCID: PMC4815822

Complete List of Published Work in MyBibliography:
https://www.ncbi.nlm.nih.gov/sites/myncbi/stephen.mooney.1/bibliography/47772813/public/?sort=date&direction=ascending