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**BIOGRAPHICAL SKETCH**

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NAME: Catherine Cubbin

eRA COMMONS USER NAME: ccubbin

POSITION TITLE: Professor, School of Social Work

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**EDUCATION/TRAINING**

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INSTITUTION AND LOCATION	DEGREE	Completion Date MM/YYYY	FIELD OF STUDY
University of Pennsylvania, Philadelphia, PA	BA	12/1991	History & Sociology of Science
Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD	PhD	05/1998	Health and Social Policy
Stanford University	Postdoctoral	08/2000	Epidemiology of cardiovascular disease

**A. Personal Statement**

I am a social epidemiologist with extensive experience conducting population-based research as a Principal Investigator. I am an interdisciplinary public health scientist, housed in the School of Social Work, the Health Behavior Research and Training Institute, the Population Research Center, and the Center on Women's and Gender Studies. I have collaborated with researchers across the UT campus, including the Schools of Nursing, Public Health, Education, Architecture, and the Colleges of Pharmacy and Liberal Arts. For almost two decades, I have been using epidemiological methods to better understand socioeconomic and racial/ethnic inequities in health for the purpose of informing policy. Thus, my work fits within the PRC's primary research area of Population Health. My expertise is specifically recognized in the following areas of research: (1) contextual analysis to investigate how neighborhood environments may explain social inequalities in health, (2) health disparities, and (3) measurement of socioeconomic status/position in studies of racial/ethnic disparities in health. Using national, statewide, and localized data sets, I have studied social inequalities in injuries, cardiovascular disease, health behaviors, mortality, and maternal, infant, and adolescent health. My work has been published widely in public health and medical journals, including *JAMA*. Over the next 5 years, in my role as Associate Dean for Research in the School of Social Work, I aim to secure a T32 postdoctoral training grant in partnership with the Dell Medical School's Department of Population Health, with co-mentors based in the PRC. Areas of training will include community-based participatory research methods and developing innovative health data systems to address social determinants of health. I participate in the biweekly health lab of the PRC as a faculty research associate, mentor pre-doctoral students, review grants for the American Cancer Society (on the Cancer Control and Prevention: Psychosocial and Behavioral Research study section), and am Associate Editor for *Health & Place*. The PRC Administrative Core supports my work through availability of pilot grant funding, networking through the weekly Brown Bag Series, and by providing space and administrative support.

**B. Positions and Honors****Positions and Employment**

1995-1996	Intern, National Center for Health Statistics, Hyattsville, MD
1996-1998	ASPH/CDC Pre-doctoral Fellow, National Center for Health Statistics, Hyattsville, MD
1998-2000	NHLBI Post-doctoral Fellow, Stanford Prevention Research Center, Palo Alto, CA
2001-2004	Research Associate, Stanford Center for Research in Disease Prevention, Palo Alto, CA
2000-2004	Assistant Research Scientist, Department of Family and Community Medicine, UCSF, San Francisco, CA
2005-2008	Adjunct Assistant Professor, Department of Family and Community Medicine, UCSF, San Francisco, CA
2006-present	Faculty Research Associate, Population Research Center, University of Texas at Austin, TX
2008-2016	Associate Professor, School of Social Work, University of Texas at Austin, TX
2016-present	Professor, School of Social Work, University of Texas at Austin, TX
2016-present	Associate Dean for Research, School of Social Work, University of Texas at Austin, TX

## **Other Experience and Professional Memberships**

1993-present	Member, American Public Health Association
1997-present	Spirit of 1848 (Caucus of the American Public Health Association), Coordinating Committee Member
2004	Special Review Panel, Supplements for Methodological Innovations in the Behavioral and Social Sciences, NIH Roadmap Initiative
2008	Special Emphasis Panel, Grants for Public Health Research Dissertation, Office of Public Health Research, CDC
2008-present	Member, Society for Social Work Research
2008-present	Member, Population Association of America
2009	Grant reviewer, Challenge Grants, NIH
2009-present	Member, Society for Epidemiologic Research
2006-2010	Member, Tobacco Research Network on Disparities (TReND), NCI and The American Legacy Foundation
2013-present	Grant reviewer, Cancer Control and Prevention: Psychosocial and Behavioral Research, American Cancer Society
2014-present	Associate Editor, <i>Health &amp; Place</i>

## **Honors**

1987-1989	Outstanding Achievement Scholarship, Temple University, Philadelphia, PA
1994	Passed comprehensive exams with distinction
1998	Inductee, Delta Omega Society/Alpha Chapter, Johns Hopkins University, Baltimore, MD
2000	Fellow, 26 <sup>th</sup> Ten-Day Seminar on the Epidemiology and Prevention of Cardiovascular Disease, American Heart Association, Tahoe City, CA
2002	Plenary Speaker, Injury Prevention: Creating an Agenda for Action, Springfield, Illinois
2002	Visiting Scholar, University of Kansas Medical Center, Program in Disparities and Diversity in Health, Distinguished Visiting Scholar Series
2004	Champion of Diversity, UCSF, San Francisco, CA
2001-2006	Health Disparities Scholar, NCMHD, NIH
2007	Proposal "Boot Camp" Award, Population Research Center, University of Texas at Austin
2008	Faculty Incentive Grant, College of Liberal Arts, University of Texas at Austin
2008-2009	Faculty Fellow, Center for Women's and Gender Studies Faculty Development Program, University of Texas at Austin
2010-2011	Diversity Mentoring Fellowship, University of Texas at Austin
2010	Award of Appreciation for commitment and dedication to reducing tobacco-related health disparities by advancing the science, translating knowledge into practice, and informing policy, Tobacco Research Network on Disparities (TReND)
2014	Dean's Fellow, University of Texas at Austin
2014	ORAU Travel Grant
2015	Team Award for Superior Service, Texas A&M AgriLife Extension

## **C. Contributions to Science**

**1. Studies investigating relationships between neighborhood socioeconomic environments and health using population-based data. The first two studies listed were produced from research supported by CDC at the Center on Social Disparities in Health at UCSF, and the latter 2 studies were products of an RFA funded by NHLBI (1R01 HL67731, PI: Winkleby), on which I was the project manager and Co-I.**

- a) Cubbin C, Brindis CD, Jain S, Santelli J, Braveman PA. Neighborhood poverty, aspirations and expectations, and initiation of sex. *Journal of Adolescent Health* 2010;47:399-406.
- b) Cubbin C, Marchi KS, Lin M, Bell T, Marshall H, Miller C, Braveman PA. Is neighborhood deprivation independently associated with maternal and infant health? Evidence from Florida and Washington. *Maternal and Child Health Journal* 2008;12:61-74.
- c) Winkleby MA, Cubbin C, Ahn D. Effect of cross-level interaction between individual and neighborhood socioeconomic status on adult mortality rates. *American Journal of Public Health* 2006;96:2145-2153.

- d) Cubbin C, Winkleby MA. Protective and harmful effects of neighborhood-level deprivation on individual-level health knowledge, behavior changes, and risk of coronary heart disease. *American Journal of Epidemiology* 2005;162:559-568.

**2. Studies investigating relationships between neighborhood built environments, neighborhood socioeconomic environments, and health. Many multilevel neighborhood effects studies investigate either the socioeconomic environment or the built environment. The studies listed below examine both in the context of health behaviors.**

- a) Cubbin C, Jun J, Margerison-Zilko C, Welch N, Sherman J, McCray T, Parmenter B. Social inequalities in neighborhood conditions: Spatial relationships between sociodemographic and food environments in Alameda County, California. *Journal of Maps* 2012;8:344-348.
- b) Lee RE, Cubbin C, Winkleby M. Contribution of neighborhood socioeconomic status and physical activity resources to physical activity in women. *Journal of Epidemiology and Community Health* 2007;61:882-890.
- c) Pollack C, Cubbin C, Ahn D, Winkleby MA. Neighborhood deprivation and alcohol consumption: does the availability of alcohol play a role? *International Journal of Epidemiology* 2005;34:772-780.
- d) Chuang YC, Cubbin C, Ahn D, Winkleby MA. Effects of neighborhood socioeconomic status and convenience store concentration on individual-level smoking. *Journal of Epidemiology and Community Health* 2005;59:568-573.

**3. Understanding socioeconomic and racial/ethnic disparities in health.**

- a) Pollack C, Cubbin C, Sania A, Hayward M, Vallone D, Flaherty B, Braveman PA. Do wealth disparities contribute to health disparities within racial/ethnic groups? *Journal of Epidemiology and Community Health* 2013;67:439-445.
- b) Cubbin C, Vesely SK, Braveman PA, Oman RF. Socioeconomic factors and health risk behaviors among adolescents, *American Journal of Health Behavior* 2011;35:28-39.
- c) Braveman PA, Cubbin C, Egerter S, Williams DR, Pamuk E. Socioeconomic disparities in health in the United States: What the patterns tell us. *American Journal of Public Health* 2010;100(Suppl. 1):S186-196.
- d) Cubbin C, Braveman PA, Marchi KS, Chavez GF, Santelli JS, Colley-Gilbert BJ. Socioeconomic and racial/ethnic disparities in unintended pregnancy among postpartum women in California. *Maternal and Child Health Journal* 2002;6:237-46.

**4. Measuring socioeconomic status in health research. The main contribution of the studies below are to provide guidance to researchers on the measurement of socioeconomic status, particularly in the case of studies examining racial/ethnic disparities.**

- a) Cubbin C, Pollack C, Flaherty B, Hayward M, Sania A, Vallone D, Braveman P. Assessing alternative measures of wealth in health research, *American Journal of Public Health* 2011;101:939-937.
- b) Braveman PA, Cubbin C, Egerter S, Chideya S, Marchi KS, Posner S, Metzler M, Socioeconomic status in health research: One size does not fit all. *JAMA* 2005;294:2879-2888.
- c) Braveman PA, Egerter S, Cubbin C, Marchi KS. An approach to studying social disparities in health and health care. *American Journal of Public Health* 2004;94:2139-2148.
- d) Braveman PA, Cubbin C, Marchi KS, Egerter S, Chavez GF. Measuring socioeconomic status/position in studies of racial/ethnic disparities: Maternal and infant health. *Public Health Reports* 2001;116:449-463.

**5. Inequalities in injuries: My research in the early 2000's was based on my dissertation and a pre-doctoral fellowship, when I produced foundational research on inequalities in injuries, using data from multiple, linked national data sources.**

- a) Cubbin C, Smith GS. Socioeconomic inequalities in injury: Critical issues in design and analysis. Annual Review of Public Health 2002;23:349-375.
- b) Cubbin C, LeClere FB, Smith GS. Socioeconomic status and injury mortality: Individual and neighbourhood determinants. Journal of Epidemiology and Community Health 2000;54:517-524.
- c) Cubbin C, Pickle LW, Fingerhut LA. Social context and geographic patterns of homicide among US black and white males. American Journal of Public Health 2000;90:579-587.
- d) Cubbin C, LeClere FB, Smith GS. Socioeconomic status and the occurrence of fatal and nonfatal injury in the United States. American Journal of Public Health 2000;90:70-77.

**Complete List of Published Work in MyBibliography:**

<http://www.ncbi.nlm.nih.gov/sites/myncbi/1rOfZDUO64QC/bibliography/47551012/public/?sort=date&direction=descending>

**D. Research Support**

**Ongoing Research Support**

PP150089 (C. Rice, PI) 07/16/15-03/15/17  
Cancer Prevention Research Institute of Texas (CPRIT)  
Increasing Breast and Cervical Cancer Screening and Diagnostic Services in Rural, Frontier, and Border Counties: A Sustainable Strategy to Improve Early Detection  
Evaluation of a program to improving access to screening and diagnostic services for breast and cervical cancer in rural Texas.  
Role: Principal Investigator of the subcontract to UT Austin  
Responsibilities: Design and implementation of the evaluation, budgeting and reporting, personnel management, data analyses

**Completed Research Support**

PP120099 (Cubbin, PI of subcontract) 03/1/12-07/15/15  
Cancer Prevention Research Institute of Texas (CPRIT)  
Increasing Breast and Cervical Cancer Screening and Diagnostic Services in Rural, Frontier, and Border Counties: A Sustainable Strategy to Improve Early Detection  
Evaluation of a program to improving access to screening and diagnostic services for breast and cervical cancer in rural Texas.  
Role: Principal Investigator  
Responsibilities: Design and implementation of the evaluation, budgeting and reporting, personnel management, data analyses

RSGT-11-010-01-CPPB (Cubbin, PI) 01/1/11-12/31/15  
American Cancer Society  
Environmental Effects on Disparities in Smoking and Obesity Among Women  
To address a number of significant gaps in the understanding of how contextual and geographic factors together influence cancer risk among women and their young children using one of the most comprehensive and ethnically diverse population-based data sources in the nation.  
Role: Principal Investigator  
Responsibilities: Management of all aspects of the project; communication with all investigators and staff at the CA Department of Public Health; supervision of the project administrator, graduate research assistant, and postdoctoral fellow; performance of data analyses; development of all survey methods and data collection instruments, active participation in dissemination of research findings

07-S130754 (Cubbin, PI of subcontract)

02/15/11-09/29/14

Texas Department of State Health Services (DSHS)

Community Transformation Grant

Needs assessment and evaluation of a program to increase physical activity and dietary habits and decrease smoking in a border county.

Role: Principal Investigator

Responsibilities: Design and implementation of the evaluation, budgeting and reporting, personnel management, data analyses