

CURRICULUM VITAE

Personal Data

Name: Ana Victoria Diez Roux
Nationality: U.S. Citizen
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Drexel University
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Philadelphia, PA 19104

Academic Training

1985 M.D. University of Buenos Aires, Argentina
1989 Licensed in Pediatrics, Argentine Society of Pediatrics, Buenos Aires, Argentina
1991 M.P.H. The Johns Hopkins University, School of Hygiene and Public Health
1995 Ph.D. The Johns Hopkins University, School of Hygiene and Public Health, Department of Health Policy and Management

Traineeships

1986 – 1989 Resident in Pediatrics, Ricardo Gutierrez Children's Hospital, Buenos Aires, Argentina
1989 – 1990 Chief Resident in Pediatrics, Ricardo Gutierrez Children's Hospital, Buenos Aires, Argentina
1995 – 1996 Postdoctoral Fellow, The Johns Hopkins University, School of Hygiene and Public Health, Department of Epidemiology

Academic Appointments

1996 – 2002 Assistant Professor of Medicine, Department of Medicine, Columbia College of Physicians and Surgeons

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| 1996 – 2002 | Assistant Professor of Epidemiology, Joseph L. Mailman School of Public Health, Columbia University |
| 2002 – 2003 | Faculty Fellow, Institute for Social and Economic Research and Policy, Columbia University |
| 2003 – 2006 | Associate Professor of Epidemiology (with tenure), University of Michigan School of Public Health |
| 2003 – 2008 | Faculty Associate, Institute for Social Research, University of Michigan |
| 2003 – 2008 | Associate Director, Center for Social Epidemiology and Population Health, University of Michigan |
| 2006 – Present | Professor of Epidemiology (with tenure), University of Michigan School of Public Health |
| 2008 – Present | Research Professor, Institute for Social Research, University of Michigan |
| 2009 – Present | Director, Center for Social Epidemiology and Population Health, University of Michigan |
| 2009 – Present | Director, Robert Wood Johnson Health and Society Scholars Program, University of Michigan |
| 2010 | Visiting Scholar, Department of Epidemiology and Public Health, University College London |
| 2011 | Benjamin Meaker Visiting Professor, Institute for Advanced Studies, University of Bristol |
| 2012 – 2014 | Chair, Department of Epidemiology, School of Public Health University of Michigan |
| 2014 – Present | Dean and Distinguished Professor, Epidemiology, Drexel University School of Public Health |

Honors

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| 1990 – 1991 | Columbus Foundation Stelson Fellow, School of Hygiene and Public Health. The Johns Hopkins University |
| 1991 | Delta Omega Honorary Public Health Society |
| 1993 | International Friends of Public Health Scholarship |

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| 1994 | Delta Omega Research Scholarship for Dissertation Research |
| 1996 | Phi Beta Kappa Honorary Society |
| 2003 – 2009 | Member, MacArthur Network on Socioeconomic Status and Health |
| 2008 | Wade Hampton Frost Lecture Award for major contributions to public health, American Public Health Association |
| 2010 | Excellence in Research Award, University of Michigan School of Public Health |
| 2010 | Elected Member, Institute of Medicine, National Academy of Sciences |
| 2011 | Rankin Lectureship Award, Department of Population Health, University of Wisconsin |
| 2012 | Delta Omega Lecture, Arnold School of Public Health, University of South Carolina |
| 2012 | Elected Member, Academy of Behavioral Medicine Research |
| 2013 | Multi-Ethnic Study of Atherosclerosis (MESA) Investigator Award |

Professional Organizations and Societies

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| 1997 – Present | Member, Society for Epidemiologic Research |
| 1997 – Present | Member, American Public Health Association. Representative to the Governing Council for the Epidemiology Section 1999-2000 |
| 2013 | Member, American Epidemiological Society |

Departmental and University Committees

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| 1996 – 1998 | Admissions Committee, Masters Program, Department of Epidemiology, Mailman School of Public Health |
| 1998 – 2002 | Curriculum Committee, Department of Epidemiology, Mailman School of Public Health |
| 2000 – 2002 | Diversity Committee, Department of Epidemiology, Mailman School of Public Health |
| 2003 – 2004 | Curriculum Committee. Department of Epidemiology. University of Michigan School of Public Health |

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| 2003 – 2004 | Faculty Search Committee, Chronic Disease Epidemiology. Department of Epidemiology. University of Michigan School of Public Health |
| 2004 – 2005 | Admissions Committee, Department of Epidemiology. University of Michigan School of Public Health |
| 2004 – 2005 | Faculty Search Committee, Social Epidemiology. University of Michigan School of Public Health |
| 2004-2005 | Chair, Faculty Search Committee. Methods in Epidemiology. University of Michigan School of Public Health |
| 2005 – 2006 | Doctoral Committee, Department of Epidemiology, University of Michigan School of Public Health |
| 2006 – 2007 | Chair, Diversity Committee, University of Michigan School of Public Health |
| 2006 – 2009 | Chair, Doctoral Committee, Department of Epidemiology, University of Michigan School of Public Health |
| 2009 – 2010 | Chair, Social Epidemiology Search Committee, Department of Epidemiology, University of Michigan School of Public Health |

Teaching Experience¹

Courses

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| 1992 – 1996 | Instructor. Introduction to Epidemiology and Epidemiologic Methods (Intermediate Epidemiology). Department of Epidemiology, Johns Hopkins University School of Hygiene and Public Health |
| 1994 – 1997 | Instructor. Epidemiologic Methods. The Graduate Summer Program in Epidemiology. Department of Epidemiology. The Johns Hopkins University School of Hygiene and Public Health |
| 1997 – 2002 | Lecturer. Introduction to Epidemiology. Joseph L. Mailman School of Public Health, Columbia University |
| 1997 – 2002 | Cardiovascular Disease Epidemiology. Division of Epidemiology. Joseph L. Mailman School of Public Health, Columbia University |
| 1998 – 2002 | Lecturer. Epidemiologic Methods. Clinical Practice Course (Medical Students). Columbia College of Physicians and Surgeons |

¹Main faculty responsible for course unless otherwise noted.

- 1998 – 2002 Lecturer. Advanced Topics in Epidemiologic Methods: Multilevel Analysis. Joseph L. Mailman School of Public Health, Columbia University
- 2002 Co-Instructor. Social Epidemiology. The Graduate Summer Program in Epidemiology, Johns Hopkins University
- 2003 Co-Instructor. Critical Appraisal of Epidemiologic Studies. University of Michigan, Department of Epidemiology
- 2003 – 2006 Strategies and Uses of Epidemiology. University of Michigan, Department of Epidemiology
- 2003 – Present Advanced Topics in Epidemiologic Analysis. University of Michigan, Department of Epidemiology
- 2007– Present Multilevel Studies and Multilevel Analysis in Public Health. University of Michigan, Department of Epidemiology
- 2011 Social Epidemiology. University of Michigan, Department of Epidemiology
- 2012 Introduction to Epidemiology, University of Michigan, Department of Epidemiology

Short Courses and Workshops

- 1998 – Present Basic and Intermediate Epidemiology. Masters of Public Health Program. National University of Lanús, Buenos Aires, Argentina
- 1999 Multilevel analysis: fundamentals and applications in public health. Institute Universitari de Salut Publica de Catalunya/ Johns Hopkins University. Barcelona, Spain
- 2000 Co-Instructor Social Epidemiology. Summer Program in Epidemiology. Johns Hopkins University School of Public Health, June 2000.
- 2000 Multilevel analysis: fundamentals and applications in public health. Spanish Society for Epidemiologic Research. Madrid, Spain
- 2002 Multilevel analysis in public health. Agency for Primary Health Care Research, Bilbao, Spain
- 2003 Workshop “Multilevel Analysis: Concepts and Applications in Public Health”. American College of Epidemiology, Albuquerque, NM.
- 2003 Multilevel analysis. University of Lanus, Buenos Aires, Argentina

- 2003 Fundamentals and applications of multilevel analysis in epidemiology. Mexican Public Health Institute, Cuernavaca Mexico
- 2003 Multilevel analysis in health research. Workshop on Geographic Information Systems in Health research. Academy Health, Nashville, Tennessee June 2003
- 2003 Multilevel analysis: applications in social epidemiology. Workshop. Centers for Disease Control. Atlanta, Georgia. June 10-11 2003
- 2004 Workshop. Introduction to multilevel analysis in public health. Columbia University. Robert Wood Johnson Health and Society Scholars. March 25-26 2004.
- 2005 Workshop. Introduction to multilevel analysis in public health. Columbia University. Robert Wood Johnson Health and Society Scholars. April 6-7 2006.
- 2009 Introduction to multilevel analysis in public health. Facultad Nacional de Salud Pública, Universidad de Antioquia. Medellín, Colombia January 2009
- 2010 Social Epidemiology. Summer Program in Epidemiology. Johns Hopkins University School of Public Health, June 2010.
- 2009 – 2013 An introduction to social epidemiology (one day course). New York City Health Department
- 2011 Instructor. 37th Ten day seminar on the epidemiology and prevention of cardiovascular disease, American Heart Association, Tahoe City, CA
- 2012 Fundamentals of multilevel analysis. University of Michigan Summer Program in Epidemiology

Training and Mentoring

Predoctoral Trainees

- 2001 – 2006 Sandra Echeverria (Ph.D., 2006 from Columbia University), Research Project: Contextual effects on health behaviors
- 2003 – 2007 Amy H. Auchincloss (B.S., 1997 from Columbia University; M.P.H., 2006 and Ph.D., 2008 from University of Michigan), Research Project: Neighborhoods and diabetes.

- 2003 – 2007 Mahasin S. Mujahid (B.S., 2000 from Xavier University, New Orleans, LA; M.S., 2003 and Ph.D., 2007 from University of Michigan), Research Project: Neighborhood Characteristics and Hypertension
- 2003 – 2007 Latetia V. Moore (B.S., 1998 from FI Southern College; M.P.H., 2002 from University of South Florida), Research Project: The Neighborhood Food Environment and Diet
- 2005 – 2008 Christina F. Mair (M.P.H., 2005 from University of Washington; Ph.D., 2008 from University of Michigan), Research Project: The Associations of Neighborhood Social and Physical Characteristics with Mental Health
- 2005 – 2008 Emily T. Lemelin (B.A., 2000 from University of Florida; M.S., 2002 from Michigan State University), Research Project: Neighborhood Poverty and CVD Outcomes over the Lifecourse
- 2005 – 2009 Zanetta C. Gant (M.P.H., 2005 and Ph.D., 2009 from University of Michigan), Research Project: Social Environment Factors and Their Effects on Risky Sexual Behaviors
- 2006 – 2010 Melissa J. Smiley (B.A., 1999 from Bryn Mawr College; M.P.H., 2006 from University of Michigan), Research Project: The built environment and health behaviors
- 2006 – 2010 Nancy L. Fleischer (M.P.H., 2006 from University of California; Ph.D., 2010 from University of Michigan), Research Project: Social patterning of chronic disease risk factors in Argentina
- 2007 – 2010 Kiarri N. Kershaw (B.S., 2001 from Carnegie Mellon University; M.S., 2004, M.P.H., 2007, and Ph.D., 2010 from University of Michigan), Research Project: Regional and lifecourse effects on hypertension among Blacks
- 2007 – 2012 Sandra S. Albrecht (M.P.H., 2004 from Columbia University), Research Project: Immigration, acculturation and cardiovascular risk
- 2009 – Present Erin B. Ware (B.S., 2006 from Northern Michigan University; M.P.H., 2008 from University of Michigan), Research Project: Gene X Social Environment Interactions and Depressive Symptom Scores
- 2009 – Present Felice Le (B.A., 2001 from Brown University; M.P.H., 2009 from University of California, Berkeley), Research Project: Bidirectional associations between health and education
- 2009 – Present Yamini Kesavan (B.S., 2001 from University of Michigan; M.S., 2008 from Harvard University), Research Project: Longitudinal analyses of

neighborhood characteristics and cardiovascular risk

- 2009 – Present Dayna A. Johnson (B.A., 2004 from Purdue University; M.P.H., 2007 from University of Michigan), Research Project: The contribution of sleep to health disparities.
- 2010 Gabriela Zunino (MS, 2008 from National University of Lanus), Research Project: Multilevel determinants of violence in Argentina
- 2010 – Present Jana A. Hirsch (B.A., 2010 from University of Pennsylvania), Research Project: The Impact of the Built Environment on Walking in Middle Age and Older Adults
- 2011 – Present Paulina Kaiser (B.A., 2006 from Northwestern University; M.P.H., 2010 from University of Michigan), Research Project: Epidemiologic methods to understand contextual and spatial influences on health
- 2011 – Present Paul Christine (B.A., 2008 from Colorado State University; M.P.H., 2011 from University of Iowa), Research Project: TBD
- 2012 Delores Hofelmann (Visiting Scholar, M.S., 2006 from Federal University of Santa Catarina, Brazil), Research Project: Neighborhood environments and health in Florianopolis, Brazil: a multilevel study
- 2012 Ana Clara Duran (Visiting Scholar; B.S., M.S., 2009 from Faculdade de Saude Publica Universidade de Sao Paulo), Research Project: Assessment and investigation of the local food environment in Sao Paulo, Brazil.
- 2012 – Present Amanda J. Richardson (B.A., 2010 and M.P.H., 2012 from Tufts University), Research Project: TBD
- 2012 – Present Nicole L. Novak (B.A., 2008 from St. Olaf College; O.T.H., 2010 from Oxford University), Research Project: TBD
- 2012 – Present Kristen M. Brown (B.S., 2010 from Rutgers University), Research Project: TBD

Dissertation Committee Member for >20 additional PhD candidates throughout the University of Michigan.

Postdoctoral Trainees

2003-2005, Sarah A. Burgard; 2003-2005, Allison E. Aiello; 2004-2006, Marie O'Neill; 2005-2007, Sacoby Wilson; 2005-2007 Theresa L. Osypuk; 2005-2007, Craig A. Hadley; 2006-2008 Phoenix Do; 2006-2008, Magdalena Cerda; 2006-2008, Amy H. Auchincloss; 2007-2009, Aydin Nazmi; 2007 – 2009, Briana Mezuk; 2007 – 2009, Malo Hutson; 2007 – 2009, Shawn D.

Boykin; 2007 – 2010, Richard Pilsner; 2007 – 2012, Yong Yang; 2008, Christina F. Mair; 2008 – 2010, Christopher J. Wildeman; 2008 – 2010, Whitney R. Robinson; 2008 – 2010, Cleopatra M. Abdou; 2009 – 2011, Kristin E. Turney; 2009 – 2011, Neil K. Mehta; 2010 – 2012, Julianna L. Pacheco; 2009 – 11, Malavika A. Subramanyam; 2009-11, Amy DeSantis; 2010, Monal R. Shroff; 2010 – 12, Aaron P. Mauck; 2010 – Present, Margaret T. Hicken; 2010 – 11, Anjum Hajat; 2011 – Present, Natalie D. Crawford; 2011 – Present, Corina Graif; 2012 – Present, Laura R. Wherry; 2012 – Present, Samson Gebreab; 2012 – Present, Audrey Dorelien; 2012 – Present, Allison Brenner

Junior faculty mentees: Allison Aiello, Marie O’Neill, Ana Baylin, Demarc Hickson, Mario Sims (K award), KT Tomey (K award), Martha Garza (K award), Shakira Suglia (K award), Belinda Needham.

Editorial Activities

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| 1997-present | Associate Editor, American Journal of Epidemiology |
| 2007 - 2010 | Editorial Board, Health and Place |
| 2008-present | Associate Editor, Journal of Epidemiology and Community Health |
| 2008 – 2009 | Editor, Encyclopedia of Environmental Health, Elsevier Ltd. |
| 2009-present | Editorial Board, Revista de Saúde Pública, Universidade de Sao Paulo, Brazil |
| 2010-present | Editorial Board, Annual Review of Public Health |
| 2012-present | Editorial Board, Preventing Chronic Diseases |

Reviewer NEJM, JAMA, Lancet, BMJ, Circulation, Epidemiology, Int J Epidemiol Am J Prev Med, Soc Sci Med, Epidemiology among others. Abstract reviewer Society for Epidemiologic Research and American Heart Association.

Scientific Committees and Review Panels

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| 1999 | Working Group on Early Life Influences on Health. National Heart, Lung and Blood Institute. National Institutes of Health. September, 1999 |
| 2000 – 2004 | Working Group on Macrosocial Determinants of Morbidity and Mortality, Program on Social Variations in Health Expectancy in Europe, The European Science Foundation |
| 2000 – 2003 | Chair, Psychosocial Working Group, the Multiethnic Study of Atherosclerosis |

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| 2001 | Ad-hoc grant review panels American Heart Association and National Heart, lung, and Blood Institute |
| 2001 – 2003 | Advisory Committee, Kellogg Minority Health Disparities Scholars program |
| 2002 | Ad-hoc member. Social Environment Working Group. National Children's Study. National Institute of Child Health and Human Development |
| 2002 | Community Measures Workshop, OBSSR, National Institute of Health |
| 2003 | Advisory Review panel to NHLBI for The Jackson Heart Study. |
| 2003 | National Institute on Aging (NIA) Whitehall in Washington Planning Committee |
| 2003 – 2009 | Ad-hoc Grant Reviewer Medical Research Council (UK), NICHD (National Institutes of Health), NIH/Fogarty Foundation, and KNOD Study Section |
| 2005 | Member Expert Panel on the Primary Prevention of Type II Diabetes, Centers for Disease Control and Prevention |
| 2006 | Member, Level 1 Working Group. Translation, Implementation, and Community Research, National Heart Lung and Blood Institute Strategic Planning Process |
| 2006 | Member, GAIN (Genetic Association Identification Network) Technical Advisory Group, Foundation for the National Institutes of Health |
| 2006 | Special Emphasis Panel ZRG1 HOP B 40 and Adhoc reviewer Kidney, Nutrition, Obesity and Diabetes Study Section |
| 2007 – 2009 | Chartered Member, Kidney, Nutrition, Obesity and Diabetes (KNOD) Study Section, National Institute of Health |
| 2007 | Blue Cross and Blue Shield Foundation of Minnesota National Advisory Panel on the Social Determinants of Health |
| 2008 – 2012 | Federal Advisory Panel, National Children's Study, National Institutes of Health |
| 2009 | Member, IOM Planning Committee for Food Deserts Workshop |
| 2009 | Member IOM Panel on Public Health Practices to Reduce and Control Hypertension |

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| 2009-2012 | Scientific Directions Committee, Jackson heart Study, National heart Lung and Blood Institute |
| 2009 | Expert Panel, The Food Trust, Philadelphia, PA |
| 2009 – 2010 | Scientific Advisory Panel, Research Program on Genes, Environment and Health, Kaiser Permanente, Oakland, CA. |
| 2009 – 2010 | National Advisory Committee, Salud América, Robert Wood Johnson Foundation Research Network to Prevent Obesity Among Latino Children |
| 2009 – 2011 | Chair, Kidney, Nutrition, Obesity and Diabetes Study Section (KNOD), National Institutes of Health |
| 2009 – 2010 | Member, National Academy of Sciences Committee on Health Impact Assessment |
| 2011 | Steering Committee Member, National Academies Keck Futures Initiative on Ecosystem Services |
| 2011 – 2012 | Member, National Academy of Sciences and Institute of Medicine Committee on Understanding International Health Differences in High-Income Countries |
| 2011-2013 | Member, National Health and Aging Trends Study (NHATS) Data Monitoring Board |
| 2011 | Co-Chair. Workshop on reducing health disparities: the role of sleep deficiency and sleep disorders. National Heart Lung and Blood Institute |
| 2011 | Member. Population Health Consortium Working Group, Office of Behavioral and Social Science Research (OBSSR), National Institutes of Health |
| 2010-present | Member, Network on Inequality, Complexity and Health (NICH), Office of Behavioral and Social Science Research (OBSSR), National Institutes of Health |
| 2011-present | Chair, Coronary Artery Risk Development in Young Adults (CARDIA) Psychosocial Committee |
| 2011-present | Chartered Member, Clean Air Scientific Advisory Committee (CASAC) Environmental Protection Agency |
| 2012 | Member, External Scientific Review Panel, Experienced Based Brain and Biological Development (EBBD) Program of the The Canadian Institute for |

Advanced Research (CIFAR)

- 2012-present Member, Scientific Committee on Health and Wellbeing in the Changing Urban Environment: a Systems Analysis Approach, International Council for Science (ICSU)
- 2013 Board of Scientific Counselors, National Center for Health Statistics. Centers for Disease Control and Prevention

Invited Lectures and Keynotes

1. The use of multilevel models in epidemiology. Cancer Prevention and Control Colloquium. National Cancer Institute, National Institutes of Health. October, 1997
2. Multilevel Analysis in Epidemiology. Universitat Pompeu Fabra, Barcelona, Spain. April, 1998
3. Issues in multilevel analysis. Center for Society and Health. Department of Health and Social Behavior, Harvard School of Public Health. May, 1998
4. Socioeconomic factors and atherosclerosis in the Atherosclerosis Risk in Communities (ARIC) Study. Workshop on socioeconomic factors and cardiovascular disease. Bremen Institute for Prevention. Bremen, Germany. May, 1998
5. Beyond individuals: issues in multilevel analysis. Society for Epidemiologic Research 31st Annual Meeting. Chicago, IL. June, 1998
6. Emerging approaches in epidemiology. Department of Community and Preventive Medicine. Mt. Sinai School of Medicine. New York City. May, 1999
7. Social Causation in Epidemiology. Society for Epidemiologic Research, 32nd Annual Meeting, Baltimore, MD. June, 1999
8. Neighborhood environments and health. MacArthur Network on Socioeconomic Factors and Health. Berkeley, CA. November, 1999
9. Methodological issues in the examination of neighborhood effects. Neighborhoods and Health Symposium, Harvard School of Public Health, June, 2000
10. Marcelino Pascua Conference Speaker. Spanish Society for Epidemiologic Research, Madrid, Spain. October, 2000
11. Keynote speaker. New Mexico Public Health Association. Taos, NM. April, 2001.
12. Seminar on Epistemology and Methods of Multilevel Analysis in the Human Sciences. National Institute of Demography (INED), Paris France, March, 2001

13. Investigating multi-level determinants of health and development. Symposium: Social Epidemiology at the Cross-Roads. Society for Epidemiologic Research, Toronto, Canada. June, 2001.
14. Residential environments and cardiovascular risk. Conference on the Built Environment and Health. New York Academy of Medicine, March 22-25 , 2002
15. The social determinants of health. Population Health Symposium. Society for Epidemiologic Research, Atlanta, Georgia. June, 2003.
16. Neighborhoods and Health: evidence and challenges Invited Lecture. University College London, February, 2004.
17. People and places: methodological issues in the investigation of neighborhood effects. Health Disparities Symposium. University of Washington. April 2004.
18. Social factors in epidemiology: concepts and methods. Department of Epidemiology. Johns Hopkins University. July 2004.
19. Evidence and challenges in the investigation of neighborhood effects. Michigan State University. October 2004.
20. Neighborhood health effects: evidence and challenges. University of South Carolina, March 2005
21. Social factors in epidemiology: conceptualization and measurement. Institute of Medicine Committee on Assessing Interactions among social, behavioral, and genetic factors in health. June, 2005.
22. Social inequalities in health. VI National Congress on Health and Population. Faculty of Social Sciences. University of Buenos Aires, July 2005
23. Exposure to ambient particulate matter and subclinical atherosclerosis. EPA Research Meeting on Mechanisms and Health Risks of Exposure to Ambient Particulate matter, Research Triangle Park, NC April 18-19 2006.
24. Places and cardiovascular risk: evidence and challenges. Center for Environmental Health & Susceptibility (CEHS), University of North Carolina at Chapel Hill, April 20, 2006
25. Neighborhoods and health in the elderly. Invited Discussant. Annual Meeting of the Geriatric Society of America. November 22 2005
26. The built environment and health. Invited Discussant. Michigan Epidemiology Conference. Michigan Public Health Association. April 2006

27. Neighborhoods and cardiovascular risk: evidence and challenges. Key note speaker. Annual Meeting of the Associations of French-Speaking Epidemiologists. May 18-19 2006. Toulouse, France
28. Integrating social and biological factors in health research: a systems view. Symposium speaker. Annual meeting of the Society for Epidemiologic Research, Seattle, June 2006
29. Investigating neighborhoods and health: evidence and challenges. Key note speaker. Australasian Epidemiology Association Annual meeting. Melbourne, Australia. September 2006.
30. Neighborhoods and health: where are we and where do we go from here? Invited Speaker, RAND Corporation. Los Angeles, October 2006
31. Studying the multilevel predictors of health behaviors: theoretical and methodologic challenges. Invited Speaker. 6th Annual Scientific Meeting of the American Academy of Health Behavior. Savannah, GA March 2007
32. Reflecting on research on neighborhood health effects. Columbia University Robert Wood Johnson Health and Society Scholar's Program, March 2007.
33. Neighborhoods and health: opportunities and challenges for epidemiology. Annual Lecture in Social Epidemiology. Johns Hopkins School of Hygiene and Public Health. April 2007
34. Social epidemiologic perspectives on depression. Invited speaker. Depression Center, University of Michigan, April 2007.
35. Neighborhoods and health in epidemiology. University of Chicago, May 2007
36. Symposium speaker: "Systems approaches in epidemiology: opportunities and challenges". 25th annual meeting American College of Epidemiology, Fort Lauderdale , FL Sept 16-18
37. Symposium on "Unnatural Causes". Invited Speaker. National Association of Health Services Executives (NAHSE), Detroit Chapter. February 2008.
38. Health, Place and Equity. Symposium Speaker. Third National Summit on Equitable Development, Social Justice, and Smart Growth. New Orleans, Louisiana, March 2008.
39. Study Designs and Analytic Strategies for Environment and Policy Research on Obesity, Physical Activity, and Diet. Invited Discussant. Active Living Research Conference April 2008.
40. Places and health: evidence and challenges. Office of Population Research, Princeton

University, April 2008

41. Neighborhoods and health. Seoul National University, Seoul, South Korea, May 2008
42. Epidemiology and spatial inequalities in health. IVth Congress of the Spanish Societies of Epidemiology and Biostatistics, June 2008
43. Urban Health: the Role of Inequalities and Place. World Congress of Epidemiology. Porto Alegre, Brazil. September, 2008.
44. Health in cities: the role of place. Universidade Federal de Minas Gerais, Belo Horizonte, Brasil. September, 2008
45. Place-based inequalities: evidence and new directions. Invited speaker. Congres National des Observatoires Regionaux de la Santé. Marseille, France, October 2008
46. Symposium Speaker. Is biology destiny: the interaction of biological, behavioral, and social determinants of health. Institute of Medicine 38th Annual Meeting. Washington DC, October 2008
47. Division of Public Health Sciences Distinguished Speaker. Wake Forest University, Winston Salem, NC. December 2008
48. Symposium Speaker. IOM Workshop on Health Impact of Food Deserts. January, 2009
49. The contribution of neighborhood factors to health disparities. Prevention Colloquium. Washington University in St Louis University. March 2009.
50. Symposium Speaker. IOM Panel on Evidence for the Prevention of Obesity. Multi-level approaches to understanding and preventing obesity: analytical challenges and new directions, March 2009
51. Visiting Professor in Minority Health, Northwestern University, Systems thinking in population health/ The contribution of neighborhood environments to health disparities. April 2009
52. Invited Discussant. Capturing context: a conference on bridging spatial and social network analysis. Columbia University, June 2009.
53. Keynote Speaker: Beyond individuals: why neighborhoods matter for health. Blue Cross Blue Shield Foundation of Minnesota. 4th Annual Upstream Health Policy Recognition and Policy Program, October 2009
54. Keynote Speaker. Integrating social and biological factors in health research: pushing the frontier in the study of gene-environment interactions. Congress of the German Society of Behavioral Medicine and Behavior Modification. Leipzig, Germany. October 2009

55. Why neighborhoods matter for cardiovascular health and health disparities, Morehouse School of Medicine March 2010
56. Community-level factors and health. Robert Wood Johnson/Federal Reserve Healthy Communities Conference, Washington DC July 2010.
57. Place-based factors and health inequalities. IX Jornadas Andaluzas Salud Investiga. Cadiz, Spain, October 2010
58. Population health and complex systems approaches. Ohio State University Initiative in Population Research, November 2010
59. Investigating neighborhood health effects: can complex systems approaches help? Centre for Research in Epidemiology and Population Health, Hôpital Paul Brousse. Paris, February 2011
60. Neighborhoods as contributors to intra-urban health inequalities. WHO Centre for Health Development, Kobe, Japan, February 2011.
61. Area health effects: challenges and opportunities of complex systems methods. Department of Social Medicine, University of Bristol. April 2011
62. Systems approaches in health inequalities research. Symposium of Inequalities in Child Health. University of Bristol April 2011
63. Community –level factors and cardiovascular disease. Centro Nacional de Investigaciones Cardiológicas, Madrid May 2011
64. Environmental Determinants of Cardiovascular Risk, Centre for Research in Environmental Epidemiology (CREAL), Barcelona May 2011
65. Invited Speaker. Community-level influences on health: Annual Meeting of the Academy of Behavioral Medicine Research, Deer valley, Utah, June 2011
66. Key note: Challenges and opportunities in social epidemiology. The International Conference on Social Stratification and Health, Tokyo, August 2011
67. Keynote speaker; Neighborhood factors and health: challenges for health promotion. Health for All-A Challenge for Municipalities and Regional Authorities, Leipzig University, Germany. October 2011.
68. Guest lecture; Methodologic issues in the investigative of neighborhood health effects. ICUH 2011, Belo Horizonte, Brazil. November 2011
69. Keynote speaker; Neighborhoods and Health Disparities: old evidence and new

- directions. UNC Minority Health Conference, UNC Gillings School of Global Health, February 2012.
70. Invited speaker; Advances and Pitfalls in social epidemiology lessons for population health research. Center for the Study of Social Inequalities and Health, Mailman School of Public Health Columbia University, April 2012.
 71. Plenary Session Speaker; Neighborhoods and Health: Evidence and New Directions, Latina Researchers Conferences, John Jay College of Criminal Justice, Cuny New York, NY. April 2012
 72. Key note: Systems approaches in Population Health. Institute on Systems Science and Health. Office of Behavioral and Social Science Research (OBSSR), St. Louis MS June 2012
 73. Invited Speaker. Plenary on Using the Principles of Complex Systems Thinking and Implementation Science to Enhance MCH Program Planning and Delivery. Maternal and Child Health Conference, San Antonio TX, December 2012
 74. Panelist. Workshop on the Design of the National Children's Study. Factors, Issues, and Values to Balance and Consider Reaching Decisions about NCS Design. Committee on National Statistics, Board on Children, Youth, and Families. National Academy of Sciences. January 2013
 75. Grand Rounds: Beyond individual-level risk factors: your patient's address as a cardiovascular risk factor. Mt. Sinai Hospital, New York City. February 2013
 76. Grand Rounds: Understanding the Multi-Level Determinants of Health: Challenges and Opportunities for Epidemiology. Department of Epidemiology. University of Miami. February 2013
 77. Invited speaker: Systems and health disparities. Prevention Research Center, University of New Mexico. March 2013
 78. Invited speaker: Transcending Impasses in Health Disparities Research: Can systems thinking help? Urban Health Disparities Summit: Shaping Action to Reduce Disparities. Georgia State University. March 2013
 79. Invited Speaker: Social determinants of health: old and new challenges. National Hispanic Network on Drug Abuse. Thirteenth Annual International Conference. Washington DC, October 9-11, 2013.
 80. Invited speaker: Meeting to celebrate Professor Sally Macintyre's contributions to health inequalities research and policy. London, June 2013.

Consultative Activities

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| 1993 – 1994 | Research Consultant. Minority Health Project: Health Care Needs of Hispanic and African Americans—Policy Issues and Challenges, 1993-1994. Department of Health Policy and Management. The Johns Hopkins University School of Hygiene and Public Health |
| 1996 – 1998 | Research Consultant. Surveillance of risk factors for chronic diseases and injuries in Latin America. Pan American Health Organization (PAHO/WHO). Program for Non-communicable diseases |
| 1996 | Research Consultant. Use of multilevel methods in occupational health research. Universitat Pompeu Fabra, Barcelona, Spain. April 1998 |
| 1997 | Research Consultant. Psychosocial and neighborhood measures in epidemiologic studies of cardiovascular disease. NHLBI-funded Jackson Heart Study. University of Mississippi Medical Center. Jackson, MS |
| 2003 – 2011 | Emerging Science and Psychosocial Committee, the Coronary Artery Risk Development in Young Adults Study, NHLBI |
| 2004 – 2008 | Robert Wood Johnson Foundation. Young Epidemiology Scholar (YES) Competition Regional and National Judge |
| 2006 | Consultant Forum on Access and Coverage for Children in MI and Children's Environmental Health in MI. Michigan Chapter - American Academy of Pediatrics and Mott's Children's Hospital |
| 2007 | Consultant to Policy Link on Neighborhoods and Health |
| 2011 | Consultant on Urban Health Metrics, WHO Centre for Health Development, Kobe. |

Fellowship and Grant Support

ACTIVE

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| PI (Center Director) NIH/NIMHD (2P60MD002249) Michigan Center for Integrative Approaches to Health Disparities | \$6,257,993 | 09/01/12 – 08/31/16 |
| PI (Director) NIMHHD/NIH(P60MD002249) Michigan Center for Integrative Approaches to Health Disparities | \$6,944,209 | 09/01/07 – 08/31/13 |
| PI | \$3,329,492 | 06/01/09 – 05/30/14 |

NIH (5R01 HL071759)
 Neighborhoods and CVD risk in a multiethnic cohort

PI \$4,216,884 07/01/10– 06/30/14
 NIH (R01 HL 5R01HL101161)
 Stress, gene-environment interactions, and cardiovascular disease

PI \$427,625 09/30/11 – 07/31/13
 NIH (R21HL106467-01A1)
 A Spatial Agent-Based Model of Walking Behavior in Cities.

PI
 P60MD002249-05S1 \$556,144 09/01/11– 08/31/13
 NIH/NIMHD
 Environmental Supplement to the Center for Integrative Approaches to Health Disparities

Joint PI
 D43 TW009315 \$1,136,164 07/01/12 – 06/30/17
 NIH-Fogarty
 Multilevel & Lifecourse Approaches to NCD Prevention in Latin America

Co-Investigator \$3,290,513 09/01/08 – 08/31/13
 OBSSR HHSN276200800013C
 Application of Systems Approaches to Health Disparities & Population Health

PI \$113,114 09/01/08 – 08/31/13
 NIH (R03 TW008105)
 Social and Neighborhoods Predictors of Obesity in Belo Horizonte

PI – Subcontract \$529,577 10/01/05 – 12/31/14
 EPA(G3F10287)
 Prospective Study of Atherosclerosis, Clinical Cardiovascular Disease, and Long-Term
 Exposure to Ambient Particulate Matter and Other Air Pollutants in a Multi-Ethnic Cohort

Director \$1,122,000 09/01/12 – 08/31/14
 RWJ 70278
 Robert Wood Johnson Foundation Health & Society Scholars Program

Director \$1,216,127 09/01/11 – 08/31/13
 RWJ 69250
 Robert Wood Johnson Foundation Health & Society Scholars Program

COMPLETED

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| PI | \$1,396,894 | 09/01/10-08/31/12 |
| NIH/NCMHD (P60MD002249-04S1) | | |
| Michigan Center for Integrative Approaches to Health Disparities (CIAHD) | | |
| Comparative Effectiveness Research to Eliminate Disparities in Cardiovascular Disease (CERED-CVD) | | |
| PI | \$1,199,984 | 09/30/07 – 07/31/12 |
| NIH (R21DA024273) | | |
| Tools for measuring and analyzing cortisol levels in population studies | | |
| PI | \$1,065,392 | 06/02/03 – 04/30/09 |
| NIH (R01 HL071759) | | |
| Neighborhoods and CVD risk in a multiethnic cohort | | |
| PI | \$2,521,375 | 06/01/04 – 06/30/10 |
| NIH (R01 HL076831) | | |
| Socioeconomic patterning of inflammation and hemostasis | | |
| PI | \$159,897 | 09/30/04 – 04/30/09 |
| NIH (HL071759-S) | | |
| Neighborhoods and cardiovascular risk in a multiethnic cohort –Methods Supplement | | |
| Director | \$1,519,648 | 09/01/10– 08/31/12 |
| 67956 | | |
| Robert Wood Johnson Foundation Health and Society Scholars Program | | |
| Director | \$5,476,781 | 09/01/06 – 08/31/12 |
| 053575 | | |
| Robert Wood Johnson Foundation Health and Society Scholars Program | | |
| PI | \$768,990 | 04/01/03 – 03/31/08 |
| EPA (R830543) | | |
| Long term exposure to ambient particulate matter and subclinical atherosclerosis | | |
| PI | \$106,790 | 08/15/04 – 07/31/08 |
| NIH (RO3 TW007020-01) | | |
| Social Factors and Cardiovascular Health in Buenos Aires | | |
| PI | \$53,625 | 03/01/06 – 08/01/07 |
| MacArthur Foundation | | |
| Telomeres in MESA | | |
| PI | \$596,750 | 12/01/97 – 11/30/02 |
| NIH (NHLBI) R29 HL59386 | | |
| Neighborhood environments and cardiovascular disease | | |

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|
| Co-Investigator EPA (R832752010) Heat-related Hospital Admissions among the Elderly: Community, Socio-economic and Medical Determinants of Vulnerability and Economic Impacts | \$569,091 | 01/01/06–12/31/08 |
| Subcontract PI: CDC (2142009M31544) Multi-Ethnic Study of Atherosclerosis (MESA) – Occupational Analysis | \$11,737 | 08/11/09 – 02/01/11 |
| Co-Investigator NIH/NICHD (R01 HD050467-01A1) Urban Social Context, Health and Health Disparities | \$1,832,589 | 09/01/05 – 02/28/10 |
| Subcontract PI Columbia/NIH(R01 ES014229) Obesity and the Environment | \$66,085 | 09/01/05 – 08/31/09 |
| Co-Investigator NIA (R01 AG18418) Understanding Social Disparities in Health and Aging | \$1,913,341 | 04/01/05–03/31/09 |
| Core Director (Spatial analysis) NIH (R24 HD047861) MI Interdisciplinary Center on Social Inequality, Mind & Body | \$5,020,558 | 09/27/04 – 08/31/10 |
| Subcontract PI NCMHD (MD00206 P60) Accessing Healthy Communities (Columbia Center for the Health of Urban Minorities) | \$564,103 | 02/01/04 – 01/31/08 |
| Subcontract PI RWJ (5-47961) Exploring Relationships Between Adult and Physical Activity and Perceived And Objective Measures of Community Environmental Characteristics | \$123,004 | 12/01/04 – 11/30/07 |
| Co-Director RWJ 045823 Robert Wood Johnson Foundation Health and Society Scholars Program | \$4,633,282 | 09/01/02 – 08/31/07 |
| Subcontract PI NHLBI/NIH (R01 HL64142) Lifecourse SES, social context, and cardiovascular disease | \$280,679 | 02/01/01–11/30/05 |
| Co-PI NHLBI/NIH (N01-HC-95161) Multiethnic Study of Atherosclerosis, Columbia Field Site | \$4,711,859 | 01/15/99 – 01/15/03 |

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