

CHARLES POOLE

PERSONAL INFORMATION

Work

Department of Epidemiology (CB 7435)
Gillings School of Global Public Health
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Home

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PROFESSIONAL EXPERIENCE

- 1977 Research Associate, Council on Environmental Quality, Executive Office of the President, Washington, DC
- 1978-1982 Epidemiologist, Office of Pesticides and Toxic Substances, U.S. Environmental Protection Agency, Washington, DC
- 1986-1992 Senior Associate Epidemiologist, Epidemiology Resources Inc., Chestnut Hill, MA
- 1992-1995 Independent Consultant in Epidemiology, Cambridge, MA
- 1995-1997 Associate Professor, Department of Epidemiology and Biostatistics, Boston University School of Public Health
- 1997-present Associate Professor, Department of Epidemiology, University of North Carolina School of Public Health

EDUCATION

- 1973 Bachelor of Arts, Natural Sciences, Johns Hopkins University
- 1976 Master of Public Health, Health Administration, University of North Carolina School of Public Health
- 1989 Doctor of Science, Epidemiology, Harvard School of Public Health

ADJUNCT FACULTY APPOINTMENTS

- 1991-1995 Adjunct Assistant Professor, Department of Epidemiology and Biostatistics, Boston University School of Public Health
- 1993-1994 Adjunct Assistant Professor, Department of Community Health, Brown University School of Medicine
- 1999-present Adjunct Associate Professor, Department of Epidemiology and Biostatistics, Boston University School of Public Health

AWARDS AND HONORS

- 1969-1973 National Merit Scholarship
- 1981 Certificate of Award, 2,4,5-T/Silvex Cancellation Hearing, United States Environmental Protection Agency
- 1982-1988 National Research Service Award, National Institute of Environmental Health Sciences
- 1992, 1996 Excellence in Teaching Award, Boston University School of Public Health
- 2010 Best Review Article of the Year (senior author), *Oral Diseases*
- 2011 Runner-up, Kenneth J. Rothman Prize for best paper of 2010 (sole author), *Epidemiology*
- 2012 Inaugural Innovation in Teaching Award, Gillings School of Global Public Health, University of North Carolina
- 2013 Egon Jonsson Journal Award for best article of 2012 (co-author), *International Journal of Technology and Health Assessment*
- 2013 John Mediros Distinguished Author Award for most impactful paper of 2013 (co-author), as identified by the editorial team, *Journal of Manual and Manipulative Therapy*.

TEACHING EXPERIENCE

Sole or lead instructor, full courses

- 1991-1997 Modern Epidemiology, four credits, required for epidemiology doctoral students, Boston University School of Public Health
- 1993 Epidemiology of Chronic Disease, four credits, elective, Brown University School of Medicine
- 1993-1994 Epidemiology in Psychiatry, nine months, required for psychiatry residents, St. Elizabeth's Hospital, Brighton, MA
- 1993-1994 Epidemiology, three credits, required for all graduate students, Boston University School of Public Health
- 2005 Multiple Error Modeling, one credit, elective, University of North Carolina School of Public Health
- 1998-present Theory and Quantitative Methods in Epidemiology, four credits (five credits 1998-2011), required for epidemiology majors and minors, University of North Carolina School of Public Health
- 2000-present Systematic Review and Meta-Analysis, one credit, elective, University of North Carolina School of Public Health

2003-present Deductive and Probability Logic in Epidemiology, two credits, required for epidemiology majors and minors, University of North Carolina School of Public Health

2010-present Readings in Epidemiologic Methods, one credit, elective (fall and spring), University of North Carolina School of Public Health

Sole or lead instructor, short courses and workshops

1987 Principles of Case-Control Research, three-week summer course, New England Epidemiology Institute

1990 Statistical Inference, three-week summer course, New England Epidemiology Institute

2001 Second Level Epidemiology, one-week course, required for public health masters students, University of Ulm, Germany

2002 Meta-Analysis and Systematic Reviews, one-week course, required, Epidemiology Doctoral Program, University of Heidelberg, Germany

2002-2004 Analytical Epidemiology IV, one-week course, required, German Master of Science in Epidemiology Program; Universities of Berlin, Bielefeld and Munich; Germany

2004 Modern Epidemiologic Concepts of Causation, Confounding and Effect Measure Modification; one-day workshop; Institute for Medical Informatics; Biometry and Epidemiology; University of Essen; Germany.

2004, 2007, 2009, 2012-2015 Systematic Review and Meta-Analysis, half-day workshop; American College of Epidemiology Annual Meetings, Boston, MA (2004), Washington, DC (2009); Society for Epidemiologic Research Annual Meetings, Boston, MA (2007), Minneapolis, MN (2012), Boston, MA (2013).

2006 New Insights in Epidemiology from Directed Acyclic Graphs (DAGs), one-day workshop, Martin Luther University, Halle-Wittenberg, Germany

2005-2009, 2013 Advanced Biostatistical and Epidemiologic Methods, one-week course, (required 2005-2009, elective 2013), European Union Master of Science in Epidemiology (EU-MSE) Program, Johannes Gutenberg University, Mainz, Germany

2010, 2012-2015 Directed Acyclic Graphs, half-day workshop, sponsored by Student Caucus, Society for Epidemiologic Research Annual Meetings, Seattle, WA (2010 with Ian Shrier), Minneapolis, MN (2012), Boston, MA (2013).

Other teaching

1983 Epidemiology (teaching assistant for Brian MacMahon), three credits, required for all graduate students, Harvard School of Public Health

1983-1984 Occupational Epidemiology (teaching assistant for Richard Monson), three credits, elective, Harvard School of Public Health

- 1985-1986 Principles of Epidemiology (co-instructor with Kenneth J. Rothman), three days, five US cities, New England Epidemiology Institute
- 1989 Modern Epidemiology (co-instructor with Kenneth J. Rothman), one week, Nijmegen University, The Netherlands
- 2001 Bayesian Methods in Epidemiology (co-instructor with Irva Hertz-Picciotto and others), one credit, University of North Carolina School of Public Health
- 2001 Causal Inference Methods (co-instructor with Jay S. Kaufman and others), one credit, University of North Carolina School of Public Health
- 2003 Hierarchical Regression Modeling for Epidemiologic Studies (co-instructor with Anneclaire De Roos), one day, Agency for Toxic Substances and Disease Registry, Centers for Disease Control and Prevention, Atlanta, GA
- 2008 Completing a Cochrane Systematic Review Workshop (co-instructor with Kay Dickersin and others), two days, Cochrane Eyes and Vision Group, Fort Lauderdale, FL
- 2010-present Pharmacoepidemiology Seminar (co-instructor with Til Stürmer and others), one credit, University of North Carolina School of Public Health
- 2011 Pharmacoepidemiology Workshop (co-instructor with Til Stürmer, Alan Brookhart, Michele Jonsson-Funk), two days, University of North Carolina School of Public Health

EXPERT COMMITTEES

International

- 1993 Advanced Research Workshop, Developing a New Standardization Agreement on Radiofrequency Radiation, North Atlantic Treaty Organization, Aeroporto Pratica di Mare Italian Air Force Base, Pomezia, Italy
- 1999 Working Group on Accepting Epidemiological Evidence for Environmental Health Impact Assessment, European Centre for Environment and Health, World Health Organization, Il Ciocco, Italy
- 2000 Chair, Exposure Modeling and Uncertainty Analysis Working Group, International Workshop on Exposure Assessment for Disinfection By-Products in Epidemiologic Studies, Laboratory Centre for Disease Control, Health Canada, Ottawa, Canada
- 2001 Workshop on Selection Bias in Epidemiological Studies of Electric and Magnetic Fields and Childhood Leukemia, Electric Power Research Institute and World Health Organization, Whistler, British Columbia, Canada.
- 2001 Workshop on Mechanistic Considerations in the Molecular Epidemiology of Cancer, International Agency for Research on Cancer, Lyon, France.
- 2009-present Strengthening the Reporting of Observational Epidemiology (STROBE) Working Group, Bern, Switzerland.

- 2010-present Statistical Methods Group, Cochrane Collaboration, Oxford, England.
- 2016 Workshop on Epidemiology, Causation, and Public Policy. Institute for Health and Social Policy, McGill University, Montreal, Quebec, Canada.
- National**
- 1978-1981 Epidemiology Work Group, Interagency Regulatory Liaison Group, President's Regulatory Council, Washington, DC
- 1979-1981 Policy Board, Center for Environmental Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA
- 1990 Peer Review Panel, Evaluation of the Potential Carcinogenicity of Electromagnetic Fields, United States Environmental Protection Agency, Research Triangle Park, NC
- 1991 Workshop on Future Epidemiological Studies of Health Effects of Electric and Magnetic Fields, Electric Power Research Institute, Palo Alto, CA
- 1992 Workshop on Guidelines for Environmental Epidemiology, National Academy of Sciences, Washington, DC
- 1992 Rapporteur, Workshop on Health Implications of Electric and Magnetic Field Neural Effects, Electric Power Research Institute, Asilomar, CA
- 1993-1994 Standards Coordinating Committee 28 (Non-Ionizing Radiation), Subcommittee 3 (Task Group on Epidemiology), Institute of Electrical and Electronics Engineers, Piscataway, NJ
- 1994 Workshop to Develop Recommendations for Conducting Epidemiologic Research on Cancer and Exposure to Chlorinated Drinking Water, United States Environmental Protection Agency, Cincinnati, OH
- 1998 Symposium on the Translation of Epidemiologic Evidence into Public Health Policy, Center for Epidemiology and Policy and the Risk Sciences and Public Policy Institute, Johns Hopkins Bloomberg School of Public Health, American College of Preventive Medicine, Washington, DC
- 1998-1999 Expert Panel, Diesel Epidemiology Project, Health Effects Institute, Cambridge, MA
- 1998-1999 Planning Committee, Diesel Research Strategy Workshop, Health Effects Institute, Stone Mountain, GA
- 1999 Workshop on the Risk Assessment of Mixtures of Disinfection By-Products (DBPs) for Drinking Water Treatment Systems, United States Environmental Protection Agency, Cincinnati, OH
- 1999 Consultant to Scientific Freedom, Responsibility and Law Program, Directorate for Science and Policy Programs, American Association for the Advancement of Science, Washington, DC

- 1999-2003 Board of Scientific and Policy Advisors, American Council on Science and Health, New York, NY
- 1999-2005 United States Epidemiology Expert Advisory Group, Monsanto Company, St. Louis, MO
- 2000 Workshop on Planned Studies of Electric and Magnetic Fields and Childhood Leukemia, Electric Power Research Institute, Chicago, IL
- 2000 Reviewer, *Toxicological Effects of Methylmercury*, Committee on the Toxicological Effects of Methylmercury, National Research Council, National Academy of Sciences, Washington, DC
- 2000 Public Statement, Diesel Review Panel, Clean Air Advisory Committee, United States Environmental Protection Agency, Alexandria, VA
- 2000 Peer Reviewer, *Active Smoking and Health*, Surgeon General's Report, Office on Smoking and Health, Centers for Disease Control and Prevention, Atlanta, GA
- 2000-2003 Epidemiology Technical Implementation Panel, Chemical Manufacturers Association, Washington, DC
- 2001-2002 Committee on Estimating the Health-Risk-Reduction Benefits of Proposed Air Pollution Regulations, National Research Council, National Academy of Sciences, Washington, DC
- 2001-2003 Committee on Gulf War and Health, Phase 2: Pesticides and Solvents, Institute of Medicine, National Academy of Sciences, Washington, DC
- 2002 Peer Review Panel, Health Effects of Microbial Pathogens in Recreational Waters: Research Proposal, National Health and Environmental Effects Research Laboratory, United States Environmental Protection Agency, Research Triangle Park, NC
- 2002 Workshop on Doctoral Education in Epidemiology, Association of Schools of Public Health and American College of Epidemiology, Baltimore, MD
- 2003-2005 Committee on Gulf War and Health, Phase 3: Selected Environmental Particulates, Pollutants, and Synthetic Chemical Compounds, Institute of Medicine, National Academy of Sciences, Washington, DC
- 2003-2005 Subcommittee on Fluoride in Drinking Water, Committee on Toxicology, National Research Council, National Academy of Sciences, Washington, DC
- 2003-2005 Advisory Board, Annual Conference on Innovations in Trauma Research Methods, Boston Veterans Administration Research Institute, Boston, MA
- 2003-2006 Peer Review of the Beaches Health Effects Research Program, Human Studies Division, National Health and Environmental Effects Research Laboratory, United States Environmental Protection Agency, Research Triangle Park, NC

- 2004-2006 Committee on Mine Placement of Coal Combustion Wastes, National Research Council, National Academy of Sciences, Washington, DC
- 2005 State of the Science Conference on Manifestations and Management of Chronic Insomnia in Adults, National Institutes of Health, Rockville, MD
- 2006-2007 Committee to Review the Office of Management and Budget Risk Assessment Bulletin, National Research Council, National Academy of Sciences, Washington, DC
- 2006-2008 Committee to Review the National Institute of Environmental Health Science Respiratory Disease Research Program, National Research Council, National Academy of Sciences, Washington, DC
- 2006-2008 Committee on Improving Risk Analysis Approaches Used by the United States Environmental Protection Agency, National Research Council, National Academy of Sciences, Washington, DC
- 2008 Epidemiology Strategic Review Panel, Epidemiology and Healthy Surveillance Section, Occupational and Public Health Division, ExxonMobil Biomedical Sciences, Inc., Clinton, NJ
- 2008 Workshop on Developing Guidance on Conducting Scientifically Sound Pharmacoepidemiologic Safety Studies Using Large Electronic Healthcare Data Sets, United States Food and Drug Administration, Silver Spring, MD
- 2009 Workshop on Modeling for Public Health Practice and Policy, The Coordinating Center for Health Promotion, Centers for Disease Control and Prevention, Atlanta, GA
- 2009-2010 Organizing Committee, Workshop on Navigating Obstacles Towards Modernizing Risk Assessment, Long Range Research Initiative, American Chemistry Council, Washington, DC
- 2010 Roundtable on Quality Guidelines for Nonrandomized Studies, Fordham University School of Law, New York, NY
- 2010-2011 Technical Expert Panel, Developing Evidence to Inform Decisions about Effectiveness (DEcIDE) Methods Center, Brigham and Women's Hospital, Boston, MA
- 2012 Emerging Issue Workshop: Evaluating Causality in Epidemiology, Health and Environmental Sciences Institute and International Life Sciences Institute, Research Triangle Park, NC
- 2012-2015 Diesel Epidemiology Panel, Health Effects Institute, Boston, MA
- 2013 Government Accountability Office Workshop on Cancers Added to the World Trade Center Health Program List of Covered Conditions, Institute of Medicine, National Academy of Sciences, Washington, DC

2013-2015 Technical Advisory Panel, Cost-Effectiveness of Lifesaving Interventions, School of Public Health and Environmental Affairs, Indiana University, Bloomington, IN

State and local

1988-1991 Subcommittee on Peer Review and Special Studies, Cancer Prevention and Control Advisory Committee, Maine Bureau of Health, Augusta, ME

1994-1996 Advisory Committee, Massachusetts State Needs Assessment Projects, Bureau of Substance Abuse Services, Massachusetts Department of Public Health, Boston, MA

1997-1999 Institutional Biosafety Committee, Astra Research Center Boston, Cambridge, MA

1998-2001 Institutional Review Board on Research Involving Human Subjects, North Carolina Department of Health and Human Services, Raleigh, NC

2000 Workshop on Bayesian Methods in the Assessment of Health Risks of Electric and Magnetic Fields, Division of Environmental and Occupational Disease Control, California Department of Health Services, Oakland, CA

JOURNAL ACTIVITIES

Deputy Editor

2004-2010 Epidemiologic Perspectives and Innovations

Associate Editor

1991-1998 American Journal of Epidemiology

1999-2001 Public Health Nutrition

2001-2006 Epidemiology

Peer Reviewer

Accident Analysis and Prevention

American Journal of Clinical Nutrition

American Journal of Epidemiology*

American Journal of Industrial Medicine

American Journal of Public Health

Annals of Internal Medicine

Annals of Epidemiology

Annals of Statistics

BioMed Central Medicine

BioMed Central Public Health

BioMed Central Medical Methods

Biological Psychiatry

BMJ Open

British Journal of Cancer

Cancer Causes and Control

Cancer Epidemiology

Cancer Epidemiology, Biomarkers and Prevention

Gastroenterology

Genetics in Medicine

International Journal of Epidemiology*

International Archives of Occupational and Environmental Health

JAMA*

Journal of Biometrics and Biostatistics

Journal of Biopharmaceutical Statistics

Journal of Clinical and Experimental Research

Journal of Clinical Epidemiology

Journal of Comparative Effectiveness Research

Journal of Empirical Legal Studies

Journal of Epidemiology

Journal of Epidemiology and Community Health

Journal of Exposure Analysis and Environmental Epidemiology

Journal of the National Cancer Institute

Journal of Primary Prevention

Cancer Research	Journal of Psychiatric Research
Cancer Treatment Reviews	Journal of Women's Health
Clinical Cancer Research	Jurimetrics
Controlled Clinical Trials	Naturwissenschaften
Critical Reviews in Toxicology	New England Journal of Medicine
Emerging Themes in Epidemiology	Occupational and Environmental Medicine
Entropy	Paediatric and Perinatal Epidemiology
Environmental Research	PLoS Medicine
Environmental Health	PLoS One
Environmental Health Perspectives*	Pharmacoepidemiology and Drug Safety
Epidemiologic Methods	Preventive Medicine
Epidemiologic Perspectives and Innovations	Public Health Nutrition
Epidemiologic Reviews	Risk Analysis
Epidemiology*	SAGE Open
European Journal of Cancer	Statistical Methods in Medical Research
European Journal of Epidemiology	Statistics in Medicine

*>10 reviews lifetime

KEYNOTE ADDRESSES

1997	Twenty-fifth Annual Meeting, Netherlands Epidemiological Society, Wageningen, Netherlands
2002	International Symposium on Light, Endocrine Systems and Cancer. University of Cologne, Cologne, Germany
2002	Tenth Annual Meeting, German Society for Medical Informatics, Biometry and Epidemiology, Berlin, Germany.

OTHER INVITED LECTURES

International universities

1993	University of Toronto and McMaster University (Toronto, Canada)
1997, 2002-3	University of Essen (Essen, Germany)
1997, 2005	University of Ulm (Ulm, Germany)
1997	University of Münster (Münster, Germany)
1997	Erasmus University (Rotterdam, Netherlands)
1997, 2002-3, 2005	Heidelberg University (Heidelberg, Germany)
2004-5	Martin Luther University (Halle-Wittenberg, Germany)
2005, 2009	University of Bern (Bern, Switzerland)
2009	Leiden University (Leiden, The Netherlands)

Other international organizations

1991	American Petroleum Institute and nine international sponsors (Miami, FL)
1993	International Society for Environmental Epidemiology (Atlanta, GA)
1993	North Atlantic Treaty Organization (Pomezia, Italy)
1996	World Federation for Mental Health (Dublin, Ireland)
2000	Laboratory Centre for Disease Control, Health Canada (Ottawa, Canada)

2000 North American Society for Obesity Research (Long Beach, CA)
 2001 Collegium Ramazzini (Carpi, Italy)
 2001 Electric Power Research Institute (Whistler, Canada)
 2001 Congress of Epidemiology 2001 (Toronto, Canada)
 2002 Central Canadian Student Epidemiological and Biostatistical Association (Montreal, Canada)
 2002 International Epidemiological Association (Montreal, Canada)
 2004, 2010 International Society for Pharmacoepidemiology (Baltimore, MD; Raleigh, NC)
 2011 International Society for Pharmacoepidemiology Student Council (webinar)
 2011 Third North American Congress of Epidemiology (Montreal, Canada)
 2015 Obesity Week 2015, The Obesity Society and the American Society for Metabolic and Bariatric Surgery, Los Angeles, CA
 2016 32nd International conference on Pharmacoepidemiology and Therapeutic Risk Management, Dublin, Ireland

Domestic universities

1988 University of Illinois at Chicago (Chicago, IL)
 1992, 1997 University of California at Los Angeles (Los Angeles, CA)
 1999, 2001 Boston University (Boston, MA)
 1995, 2001 Brown University (Providence, RI)
 1998 Massachusetts Institute of Technology (Cambridge, MA)
 2001 Columbia University (New York, NY)
 2001, 2010 Duke University (Durham, NC)
 2002 University of Minnesota (Minneapolis, MN)
 2003 Johns Hopkins University (Baltimore, MD)
 2005 Medical University of South Carolina (Charleston, SC)
 1988, 1996, 1997 University of North Carolina at Chapel Hill (Chapel Hill, NC)
 2007 George Washington University (Bretton Woods, NH)

Other domestic organizations

1977 Washington Statistical Association (Washington, DC)
 1983 Toxic Wastes and the News: An Environmental Issues Conference, multiple sponsors (Bloomingdale, IL)
 1987 Trial Attorneys of New Jersey (Princeton, NJ)
 1989 American Statistical Association (Copper Creek, CO)
 1990 Northeast Public Power Association (Bretton Woods, NH)
 1991 Health Effects Institute (Colorado Springs, CO)
 1991 Health Physics Society (New England Chapter, Wakefield, MA)
 1991 Central and South West Texas Utility District (Dallas, TX)
 1993 Sacramento Municipal Utility District (Sacramento, CA)
 1993 Agassiz Neighborhood Council (Cambridge, MA)
 1993 Pennsylvania Medical Society (Harrisburg, PA)
 1993 Andrews Continuing Education Institute (Chicago, IL)
 1994 Mississippi Department of Health (Jackson, MI)
 1995 National Institute of Occupational Safety and Health (Cincinnati, OH)
 1996 Environmental Protection Agency (Cincinnati, OH)
 1997 Slone Epidemiology Unit (Brookline, MA)

1998, 1999	National Institute of Environmental Health Sciences (San Antonio, TX; Research Triangle Park, NC)
1998	American College of Occupational and Environmental Medicine (Boston, MA)
1999	GlaxoWellcome Inc. (Research Triangle Park, NC)
2000	American Industrial Health Council and Chemical Manufacturers Association (Research Triangle Park, NC)
2000	National Cancer Institute (Rockville, MD)
2001, 2009	Centers for Disease Control and Prevention (Atlanta, GA)
2004, 2006	GlaxoSmithKline (Research Triangle Park, NC)
2004	Constella Group (Research Triangle Park, NC)
2005	National Institute for Child Health and Human Development (Rockville, MD)
2009	US Food and Drug Administration (Bethesda, MD)

PROFESSIONAL SOCIETIES

American College of Epidemiology

2000-present	Fellow
2000-2003	Publications Committee
2002	Abstract reviewer

American Public Health Association

1975-present	Member
2000-2002	Abstract reviewer

International Epidemiological Association

1998-present	Member
2002	Member, Annual Meeting Scientific Program Planning Committee
2002	Chair, Symposium on Expanding Analytic Methods to Account for Biases in Observational Studies

International Society for Environmental Epidemiology

1994-present	Member
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Society for Epidemiologic Research

1978-present	Member
1990, 2000, 2002-2004, 2007, 2008	Chair, annual meeting contributed paper sessions on epidemiologic methods
1991-1992, 1998-2014	Abstract reviewer, methods
1998	Organizer and speaker, Symposium: Methods and Applications of Meta-Analysis
2000, 2008	Faculty, Student Dissertation Workshop
2000	Leader, Roundtable Discussion, Issues in Control Selection in Case-Control Studies
2000	Invited speaker, Symposium: Gene-Environment Interaction
2001	Chair, Annual meeting Spotlight Session on Cardiovascular Disease in Women
2001-2004	Elected member at large, Executive Committee
2003	Leader, Roundtable Discussion, Relative Risk Communication
2004, 2007	Participant, Student Caucus "Meet the Expert" Breakfast
2004, 2008,	

2011	Poster judge
2008	Invited speaker, Symposium: Strengthening the Reporting of Observational Epidemiology (STROBE) Guidelines
2009	Co-organizer and discussant, Symposium: Matching in Cohort Studies
2009	Invited speaker, Symposium: Assumptions, Assumptions, Assumptions
2009	Invited speaker, Symposium: Is Everything Really Relative? An Argument for Absolute Risks
2010	Invited discussant, Symposium: Directed Acyclic Graphs for Measurement Error
2010	Leader, Roundtable Discussion, What Can Effect-Measure Modification Tell Us About Effect Modification?
2011	Invited speaker, Symposium: Concepts of Interaction: What Should We Teach and When?
	Invited speaker, Symposium: Meta-analyses: New Insights into Heterogeneity of Effect-Measure Estimates, Data Interpretation and Decision Making
	First annual midyear eMAC Web Meeting (Nov. 5)
	Discussant of prize-winning presentations
	Debate with Malcolm Maclure on ratio versus difference effect measures
2012	Invited speaker, Symposium: Teaching Epidemiologic Methods
2014	Invited speaker, Symposium: Then & Now: Building on Our History – Forging Our Legacy
2015	Invited speaker, Symposium: Developing Examples to Teach Epidemiologic Concepts
	Co-organizer and co-moderator: Latebreaker sessions

UNIVERSITY SERVICE

University of North Carolina at Chapel Hill

1974-1976	Chair, Department of Health Administration Student Organization (elected)
1975-1976	Member, School of Public Health Re-Accreditation Site Visit Committee
1975-1976	Chair, Campus Committee to Ban Classroom Smoking (elected)
2000-2001	Alternate, University Faculty Council (elected)
2001-2004	Delegate, University Faculty Council (elected)
2002-2003	Member, University Research Council (appointed)
2002-present	Member, University Hearings Board (appointed)

SCHOOL SERVICE

Boston University School of Public Health

1997	Member, School of Public Health Re-Accreditation Site Visit Team
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University of North Carolina School of Public Health

1975	Student Representative, School of Public Health Re-Accreditation Committee
2000-2004	Member, Institutional Review Board on Research Involving Human Subjects
2003-2009	Member, Biostatistics and Epidemiology Core, Center for Environmental Health and Susceptibility
2005-present	Member, School of Public Health Student Awards Committee
2007-2008	Member, Center for Innovative Clinical Trials
2008-2009	Member, Data Safety Monitoring Board, Vulnerable Populations and Special Protections in AIDS Clinical Trials (S. Sengupta, Principal Investigator)
2009-2010	Member, School of Public Health Faculty Awards Committee

DEPARTMENT SERVICE

**Department of Health Administration
University of North Carolina School of Public Health**

1974-1976 Chair, Health Administration Student Organization

**Department of Epidemiology and Biostatistics
Boston University School of Public Health**

1993-1997 Question Author and Grader, Epidemiology Doctoral Qualifying Examination
1995-1997 Member, Epidemiology Doctoral Committee
1997 Director, Doctoral Program in Epidemiology
1998 Reviewer, Epidemiology Doctoral Qualifying Examination

**Department of Epidemiology
University of North Carolina School of Public Health**

1997-1999 Chair, Ad Hoc Committee on Training in Epidemiologic Methods
1998-1999 Faculty Coordinator, Graduate Teaching Assistants
1998-2001 Member, Cancer Faculty Search Committee
1998-2001 Member, General Faculty Search Committee
1999-2002 Co-coordinator, Doctoral Qualifying Examination
1998-2003 Judge, Greenberg Doctoral Research Award nominees
2000-2003 Co-chair, Staff Excellence Award Committee
1999-2006 Member, Curriculum Subcommittee
2002-2004 Member, Pharmacoepidemiology Program Director Faculty Search Committee
2006 Member, Post Tenure Review Committee
2007 Reviewer, Dissertation Completion Fellowship nominations
2007 Member, Pharmacoepidemiology Faculty Search Committee
2008 Member, Kaplan Award Committee
1997-2013,
2015-present Member, Graduate Studies Committee
1998-present Member, Advisory Committee, Cancer Epidemiology Training Grant (National Cancer Institute)
2001-2010 Assistant Coordinator, Masters Comprehensive Examination
2011-present Coordinator, Masters Comprehensive Examination
2001-present Faculty, Occupational Epidemiology Training Grant (National Institute for Occupational Safety and Health)
2003-present Reviewer and Question Author; Methods, Cancer, and Environmental Epidemiology Sections; Doctoral Qualifying Examination
2004-present Core Faculty Affiliate, UNC Center of Excellence in Pharmacoepidemiology
2006-2013 Chair, Curriculum Subcommittee
2008-2010 Member, Pharmacoepidemiology Faculty Search Committee
2009-present Coordinator, Pharmacoepidemiology and Health Care Epidemiology Doctoral Qualifying Examination
2012-2013 Member, Core Curriculum Review Committee
2013-2014 Member, Diversity and Inclusion Committee
2013 Judge, Impact Award nominations
2014-present Member, Selection Committee, Nancy Dreyer and H. Michael and Barbara Arrighi Scholarships

PUBLICATIONS

Published journal articles

1. Auyash S, **Poole C**. The preventive function of the medical examiner system. *Carolina Forensic Bulletin* 1975;2:1-7.
2. Epidemiology Work Group of the Interagency Regulatory Liaison Group. Guidelines for documentation of epidemiologic studies. *American Journal of Epidemiology* 1981;114:609-613.
3. Lanes SF, **Poole C**. "Truth in Packaging?" The unwrapping of epidemiologic research. *Journal of Occupational Medicine* 1984;26:571-574.
4. Rothman KJ, **Poole C**. Science and policy making. *American Journal of Public Health* 1985;75:340-341.
5. Lanes SF, **Poole C**, Dreyer NA, et al. Toxic shock syndrome, contraceptive methods and vaginitis. *American Journal of Obstetrics and Gynecology* 1986;154:989-991.
6. **Poole C**. Exposure opportunity in case-control studies. *American Journal of Epidemiology* 1986;123:352-358.
7. **Poole C**. Beyond the confidence interval. *American Journal of Public Health* 1987;77:195-199. PMID: 3799860.
8. **Poole C**. Critical appraisal of the exposure-potential restriction rule. *American Journal of Epidemiology* 1987;125:179-183.
9. **Poole C**. Confidence intervals exclude nothing. *American Journal of Public Health* 1987;77:492-493.
10. Greenland S, **Poole C**. Invariants and noninvariants in the concept of interdependent effects. *Scandinavian Journal of Work Environment and Health* 1988;14:125-129.
11. **Poole C**. Feelings and frequencies: Two kinds of probability in public health research. *American Journal of Public Health* 1988;78:1531-1533.
12. Rothman KJ, **Poole C**. A strengthening programme for weak associations. *International Journal of Epidemiology* 1988;17(Suppl):955-959.
13. Savitz DA, Pearce NE, **Poole C**. Methodologic issues in the epidemiology of electromagnetic fields and cancer. *Epidemiologic Reviews* 1989;11:59-78.
14. Greenland S, Maclure M, Schlesselman JJ, **Poole C**, Morgenstern H. Standardized regression coefficients: a further critique and review of some alternatives. *Epidemiology* 1991;2:387-392.
15. **Poole C**. Multiple comparisons? No problem! *Epidemiology* 1991;2:241-243.

16. **Poole C**, Trichopoulos D. Extremely low-frequency electric and magnetic fields and cancer. *Cancer Causes and Control* 1991;2:267-276.
17. **Poole C**, Dreyer NA, Satterfield MH, et al. Kidney cancer and hydrocarbon exposures among petroleum refinery workers. *Environmental Health Perspectives* 1993;101(Suppl. 6):53-62. PMID: 8020449.
18. **Poole C**, Kavet R, Funch DP, Levin L, Rothman KJ. Depressive symptoms and headaches in relation to proximity of residence to an alternating-current transmission line right-of-way. *American Journal of Epidemiology* 1993;137:318-330. PMID: 8452140.
19. Savitz DA, Pearce N, **Poole C**. Update on methodological issues in the epidemiology of electromagnetic fields and cancer. *Epidemiologic Reviews* 1993;15:558-566.
20. Greenland S, **Poole C**. Empirical-Bayes and semi-Bayes approaches to occupational and environmental hazard surveillance. *Archives of Environmental Health* 1994;49:9-16.
21. **Poole C**. Ecologic analysis as outlook and method. *American Journal of Public Health* 1994;84:715-716.
22. Savitz D, Tolo K-A, **Poole C**. Statistical significance testing in the *American Journal of Epidemiology*, 1970 to 1990. *American Journal of Epidemiology* 1994;139:1047-1052.
23. Greenland S, **Poole C**. Interpretation and analysis of differential exposure variability and zero-exposure categories for continuous exposures. *Epidemiology* 1995;6:326-328.
24. Allden K, **Poole C**, Chantavanich S, Ohmar K, Aung NN, Mollica RF. Burmese political dissidents in Thailand: trauma and survival of young adults in exile. *American Journal of Public Health* 1996;86:1561-1569.
25. **Poole C**. Evolution of epidemiologic evidence on magnetic fields and childhood cancers. *American Journal of Epidemiology* 1996;143:129-132.
26. **Poole C**, Ozonoff D. Dose response trends in the epidemiology of magnetic fields and childhood cancers. *IEEE Engineering, Medicine and Biology* 1996;17:41-49.
27. Mollica RF, **Poole C**, Son L, Murray N, Tor S. Effects of war trauma on Cambodian refugee adolescents' functional health and mental health. *Journal of the American Academy of Child and Adolescent Psychiatry* 1997;36:1098-1106.
28. **Poole C**, Greenland S. How a court accepted a possible explanation. *American Statistician* 1997;51:112-114.
29. Smith Fawzi MC, Murphy E, Pham T, Lin L, **Poole C**, Mollica RF. The validity of screening for post-traumatic stress disorder and major depression among Vietnamese former political prisoners. *Acta Psychiatrica Scandinavia* 1997;95:87-93.

30. Caspi Y, **Poole C**, Mollica RF, Frankel M. Relationship of child loss to psychiatric and functional impairment in resettled Cambodian refugees. *Journal of Nervous and Mental Disorders* 1998;186:484-491.
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