

Germaine M. Buck Louis, Ph.D., M.S.

Division of Intramural Population Health Research
Eunice Kennedy Shriver National Institute of Child Health & Human Development
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EDUCATION

| Institution | Concentration | Degree | Year |
|---|----------------------|---------------|-------------|
| State University of New York at Buffalo | Epidemiology | Ph.D. | 2/87 |
| State University of New York at Buffalo | Epidemiology | M.S. | 9/80 |
| State University of New York at Buffalo | Sociology (medical) | B.A. | 2/78 |
| Millard Fillmore School of Nursing | Nursing | R.N. | 6/75 |

RESEARCH & ACADEMIC EXPERIENCE

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|--------------|--|
| 2013-present | Director & Senior Investigator, Division of Intramural Population Health Research, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development, National Institutes of Health |
| 2009-2013 | Director & Senior Investigator, Division of Epidemiology, Statistics & Prevention Research, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development, National Institutes of Health |
| 2007- 2009 | Acting Director, Division of Epidemiology, Statistics & Prevention Research, <i>Eunice Kennedy Shriver</i> National Institute of Child Health & Human Development, National Institutes of Health |
| 2000-2009 | Chief, Epidemiology Branch & Senior (Tenured) Investigator, Division of Epidemiology, Statistics and Prevention Research, <i>Eunice Kennedy Shriver</i> National Child Health & Human Development, National Institutes of Health |
| 2001-2004 | Adjunct Professor, Department of Epidemiology, School of Public Health, University at Albany, State of New York |
| 2000 | Professor (tenured), Department of Social and Preventive Medicine, School of Medicine & Biomedical Sciences, University at Buffalo, State of New York (<i>University Name Change</i>) |
| 2000-2004 | Adjunct Professor, Natural Sciences Division, Roswell Park Cancer Institute, University at Buffalo, State of New York |
| 1995-2000 | Associate Professor (tenured), Department of Social and Preventive Medicine, School of Medicine & Biomedical Sciences, University at Buffalo, State of New York |
| 1995-2000 | Associate Professor, Department of Pediatrics, School of Medicine & Biomedical Sciences, SUNY at Buffalo |
| 1997-2000 | Associate Professor, Department of Gynecology and Obstetrics, School of Medicine & Biomedical Sciences, SUNY at Buffalo |
| 1996-2000 | Adjunct Associate Professor, Department of Epidemiology, School of Public Health, University at Albany, State of New York |

- 1998-2000 Adjunct Associate Professor, Roswell Park Graduate Division, SUNY at Buffalo
- 1993-1995 Assistant Professor, Department of Social and Preventive Medicine, School of Medicine & Biomedical Sciences, SUNY at Buffalo
- 1992-1996 Adjunct Assistant Professor, Department of Epidemiology, School of Public Health, University at Albany, State of New York
- 1990-1997 Assistant Research Professor, Faculty of Natural Sciences and Mathematics, Roswell Park Graduate Division, SUNY at Buffalo
- 1989-2000 Graduate Faculty of SUNY at Buffalo
- 1987-1993 Clinical Assistant Professor, Department of Social and Preventive Medicine, School of Medicine & Biomedical Science, SUNY at Buffalo
- 1980-1983 Co-Project Director, Office of the Dean, School of Health Related Professions, SUNY at Buffalo
- 1978-1980 Research Assistant, Department of Social and Preventive Medicine, School of Medicine & Biomedical Sciences, SUNY at Buffalo
- 1975-1978 Registered Professional Nurse, Millard Fillmore Hospital (Inactive Status, New York #276928)

TEACHING & MENTORING

Graduate Courses

- 2001-2003 Epidemiology & Preventive Medicine (Public Health 201), School of Public Health, George Washington University, Group Facilitator
- 1988-2000 Reproductive Epidemiology (SPM 518), Department of Social and Preventive Medicine, University at Buffalo, State of New York, Founder & Course Director
- 1993-2000 Perinatal Epidemiology (SPM 618), Department of Social and Preventive Medicine, University at Buffalo, State of New York, Founder & Course Director
- 1996-2000 Issues and Controversies in Reproductive & Perinatal Epidemiology (SPM 619), Department of Social and Preventive Medicine, SUNY at Buffalo, Founder & Course Director

Undergraduate Medical Students

- 1998-1999 Epidemiology & Biostatistics (SPM 600), Department of Social and Preventive Medicine & School of Medicine and Biomedical Sciences, Founder & Course Director
- 1998 Evidence Based Medicine, (CPM, 2nd year students), Department of Social and Preventive Medicine, School of Medicine and Biomedical Sciences, Founder & Course Director
- 1997 Epidemiology, Biostatistics & Preventive Medicine (SPM 600), Department of Social and Preventive Medicine, School of Medicine and Biomedical Sciences, Director, Spring Semester
- 1996-1997 Clinical Based Medicine (CPM, 1st year students), School of Medicine and Biomedical Sciences, SUNY at Buffalo, Course Co-director, Biostatistics, Epidemiology and Preventive Medicine Module
- 1992-1994 Statistics, Epidemiology & Preventive Medicine (SPM 600), Department of Social and Preventive Medicine, SUNY at Buffalo, Statistics Lab Leader for Medical Students

Summer Graduate Level Teaching

- 2005-2012 Summer Institute in Reproductive & Perinatal Epidemiology. Jointly sponsored by the National Institute of Child Health & Human Development and the Canadian Institute for Health Research (Founding Faculty Member). Competitive selection of 157 graduate students representing 14 countries and 73 academic institutions for an intensive one-week course.
- 1999 Faculty, 19th Annual New England Epidemiology Summer Program, Epidemiology Research Institute. Short Course in Reproductive Epidemiology, NERI, Bentley College, Massachusetts

Mentoring

- 1988-2000 University at Buffalo: mentored 30 epidemiology graduate students including 11 doctoral students (chaired 8 committees) and 19 Master's of Science students (chaired 12 committees). Graduate advisor for 24 students. Mentored 22 undergraduate medical students.
- 2000-present National Institutes of Health: mentored 3 pre-doctoral IRTA fellows, 1 Graduate Partnership Program pre-doctoral fellow (NINR), 10 post-doctoral NIH Intramural Research Training Award fellows, 16 summer interns, 2 fellows funded by the U.S. Department of State
- 2000-present Tenure track investigators in Epidemiology, Biostatistics & Bioinformatics, & Health Behavior Branches, DIPHR, NICHD
- 2004 Howard Hughes Scholar, NIH; mentored 1 scholar
- 2010-2013 Reproductive Endocrinology Fellows, Division of Intramural Research, NICHD; Mentored 2 clinical fellows
- 2012-present NIH Medical Scholars Research Program; Faculty Mentor for 4 scholars

SOCIETY MEMBERSHIPS

American Association for the Advancement of Science
 American College of Epidemiology, Elected Fellow
 American Epidemiological Society, Elected Fellow
 American Society for Reproductive Medicine
 International Society for Environmental Epidemiology
 Society for Epidemiologic Research
 Society for Pediatric & Perinatal Epidemiologic Research (Founding Member)

ACADEMIC HONORS & AWARDS

- 1975 Graduation Honors, Millard Fillmore School of Nursing
 1975 American Red Cross Student Nurse Achievement Award
 1976 Alpha Kappa Delta, National Sociology Honor Society
 1978 Magna cum laude, State University of New York at Buffalo
 1978 Student Workshop Participant, Society for Epidemiologic Research, Amherst, MA
 1987 Scholl Fellow, National Sudden Infant Death Syndrome Foundation
 1994-1997 Merck/Society for Epidemiologic Research Fellowship Award, Merck Company Foundation

PROFESSIONAL AWARDS

- 1987 Student Workshop, Society for Epidemiology Research
 1987 Abraham Lilienfeld Award, Society for Epidemiologic Research
 2000 Service Award, International Society for Environmental Epidemiology
 2002 NIH Merit Award. National Institute of Child Health & Human Development. *For Providing Leadership and Vision in Epidemiologic Research to the Institute and the Epidemiologic Community at Large*
 2004 NIH Mentoring Award. National Institutes of Health. *For Exemplary Performance while Demonstrating Significant Leadership, Skill, and Ability in Serving as a Mentor for the Epidemiology Branch at NICHD*

- 2005 NIH Merit Award. National Institute of Child Health & Human Development. *For Innovative Planning and Dedication to the Successful Development of the first NICHD-IHDCYH Sponsored Summer Institute for Reproductive and Perinatal Epidemiology*
- 2009 NIH Merit Award. Eunice Kennedy Shriver National Institute of Child Health & Human Development. *For Ingenuity in Designing and Dedication in Completing the LIFE Study, Whose Aim is to Identify Environmental Reproductive Toxicants*
- 2010 Mentoring Award, Society for Pediatric & Perinatal Epidemiologic Research. *In Recognition of Her Dedication to Mentoring Researchers in the Fields of Reproductive, Perinatal and Pediatric Epidemiology*
- 2010 U.S. Environmental Protection Agency. *Scientific and Technological Achievement Award for The First Expert Consensus on Both the Role of Environmental Factors and Secular Trends in Puberty Timing of Children (honorable mention).*
- 2010 NIH Merit Award. Eunice Kennedy Shriver National Institute of Child Health & Human Development. *For organization of an interdisciplinary team that created an innovative study in reproductive and perinatal epidemiology.*
- 2012 NIH Merit Award. Eunice Kennedy Shriver National Institute of Child Health & Human Development. *For successfully designing and completing the novel ENDO Study aimed at answering questions about environmental influences on endometriosis.*
- 2014 Society for Pediatric & Perinatal Research President's Inaugural Award for *Significant, Dedicated and Sustained Service.*
- 2014 NICHD Collaboration Award, Eunice Kennedy Shriver National Institute of Child Health & Human Development.

RESEARCH SUPPORT

Grants, Principal Investigator, University at Buffalo, State of New York

- 1988 March of Dimes: Birth Asphyxia and Risk of Sudden Infant Death Syndrome, Clinical Research Administrative Grant
- 1988-1989 Research Development Fund Support, School of Medicine, SUNY at Buffalo: Surfactant Database for Developmental Morbidity
- 1994 Multidisciplinary Research Pilot Project Program, SUNY at Buffalo. A Population-Based study of Infertile Women Who Do and Do Not Seek Medical Services, Upstate New York
- 1994-1997 Merck Company Foundation: A Population-Based Study of the Impact of Tubal Sterilization on Women's Health Status
- 1998-2000 National Institute of Environmental Health Sciences, National Institute of Health. Halogenated Organics and Endometriosis Risk (R01ES09045.01)

Grants, Co-Investigator, University at Buffalo, State of New York

- 1991-1996 National Institute of Health, Medical Sociology, Epidemiology and Control of Cancer, Co-investigator, 3% effort (Marshall, PI)
- 1991-1993 The Children's Guild, Epidemiological Aspects of Extreme Prematurity, Co-investigator, 50% effort, (Msall, PI)
- 1993-1994 Wildermuth Foundation, Clinical Evaluation of Infertility Treatment, Co-investigator, 10% effort, (Severino, PI)
- 1992-2000 Agency for Toxic Substances and Disease Registry, Centers for Disease Control & Promotion, New York State Angler Cohort Study - Exposure Characterization and Reproductive and Developmental Health, Co-investigator, 20% effort, (Vena, PI; Buck, PI on Reproductive Projects for Center Grant)

- 1993-1994 Wildermuth Foundation, Clinical Evaluation of Infertility Treatment, Co-investigator, 10% effort, (Severino, PI)
- 1993-1995 March of Dimes Birth Defects Foundation, Impact of Extreme Prematurity on Long-Term Educational Outcomes, Co-investigator, 10% effort, (Msall, PI)
- 1993-1995 SUNY at Buffalo, Indirect Medical Education Demonstration Project, Chronic Care and Developmental Disabilities, Co-investigator, 10% effort (Msall, PI)
- 1994-1995 Association for Research of Childhood Cancer, Inc., Prenatal and Early Childhood Exposures as Factors in Childhood Acute Lymphoblastic Leukemia, Co-investigator, 20% effort (Brecher, PI)
- 1995-1996 SUNY at Buffalo, Multidisciplinary Disciplinary Pilot Project Program, The effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD:dioxin) on gene expression in human endometrium, Co-investigator, 5% effort (Bofinger, PI)
- 1997-2001 National Institutes of Health, National Cancer Institute, Medical Sociology, Epidemiology, and Control of Cancer, Co-investigator, 10% effort (Vena, PI)
- 1998-2001 Agency for Toxic Substances and Disease Registry, Centers for Disease Control & Promotion, New York State Angler Cohort Study - Reproductive and Developmental Health, Co-investigator, 20% effort (Vena, PI)
- 2000-2002 U.S. Army, Department of Defense, Environmental Exposures at Birth and at Menarche and Risk of Breast Cancer, Co-investigator, 2% effort (Freudenheim, PI)
- 2000-2001 University at Buffalo, State of New York Pilot Project Program 2000, Impact of Environmental Exposure to Pharmaceutically-Derived Hormones, Co-investigator, 10% (Jensen, PI)

***Principal Investigator, Eunice Kennedy Shriver National Institute of Child Health & Human Development
Intramural Funding***

- 2004-2010 Longitudinal Investigation of Fertility and the Environment (LIFE Study); \$11,000,000
- 2006-2009 Stress and Time to Pregnancy; \$107,000
- 2006-2010 Endometriosis: Natural History, Diagnosis and Outcomes (ENDO Study); \$5,300,000
- 2011-2014 NICHD Fetal Growth Studies; \$32,786,134
- 2011-2012 NICHD Environmental Laboratory Support Contract for the Analysis of Environmental Chemicals; \$984,264
- 2012-2014 Pregnancy Exposome Proof-of-Concept Study; \$419,816
- 2013-2015 Parabens and Human Reproduction; \$417,771
- 2014-2015 Quantification of Persistent Environmental and Lifestyle Chemicals and Fetal Growth; \$1,118,104
- 2015-2016 Environmental Phenols and Phthalates in Seminal Fluid: Implications for Male Fecundity; \$299,366.

***Principal Investigator, Eunice Kennedy Shriver National Institution of Child Health & Human Development
Extramural Funding***

- 2002-2004 Analysis of Correlated Pregnancy Outcomes. American Chemistry Council; \$100,00
- 2002-2003 Prospective Cohort Studies of Chinese Acrylonitrile Workers - Feasibility, Acrylonitrile Group;

\$50,000

***Co-Investigator, Eunice Kennedy Shriver National Institute of Child Health & Human Development
Intramural Funding***

2005-2006 Validity of Self-Reported Time-to-Pregnancy; \$27,000

2007-2014 Upstate KIDS Study; \$11,298,476

2012-2014 Exposome of Normal Pregnancy – Metabolome, \$545,592.

COMMUNITY SERVICE

Provided considerable community service to the Western New York while on faculty at the University at Buffalo, largely in the areas of maternal and child health and environmental health issues, 1987-2000. A detailed listing is provided in part 2 of my *curriculum vitae*.

ACADEMIC COMMITTEES

University and School Committees, University at Buffalo

1981-1983 Student Member, Joint Professional Staff/Faculty Senate Affirmative Action Committee

1983-1987 Student Member, Graduate Student Admissions Committee, Roswell Park Cancer Institute

1993-1996 Member, Seminar Committee, Center for the Study of Behavioral and Social Aspects of Health

1994-1977 Member, Center for Clinical Ethics and Humanities in Health Care

1995-1997 Member, Health Sciences Divisional Committee

1996-1997 Member, Second Year Curriculum Committee, School of Medicine & Biomedical Sciences

1996-1997 Member, Curriculum Committee of the Faculty Council Steering Committee

1996-1999 Member, Advisory Board, Center for Nursing Research, School of Nursing

1997-2000 Member, First Year Curriculum Committee, School of Medicine & Biomedical Sciences

1997-1998 Member, Committee on Interdisciplinary Structures

1998-2000 Member, Nominating Committee for the Faculty Council

1998 Member, Search Committee, Maternal-Fetal Medicine, Department of Gynecology-Obstetrics

1997-1998 Co-Chair, Curriculum Committee of the Faculty Council Steering Committee

1998-1999 Chair, Curriculum Committee of the Faculty Council Steering Committee

1998-2000 *Ex-Officio* Member, Dean's Curriculum Task Force

1999-2000 Member, Committee on Appointments & Promotions

Departmental Committees, University at Buffalo

1996-1997 Member, Steering Committee - Joint MPH Program between SUNY at Buffalo and Roswell Park
Cancer Institute, SUNY at Buffalo

1996-2000 Member, Institutional Fund Reimbursement Committee

1997-1998 Member, Graduate Program Working Group

1997-2000 Member, Graduate and Admissions Committee, (Chair 1999)

1997-1999 Chair, Medical Teaching Committee

1997-2000 Member, Preliminary Examination Committee

1997-2000 Member, Search Committee (Urban Health, Director Preventive Medicine)

NATIONAL INSTITUTES OF HEALTH - COMMITTEES

National Institutes of Health (Trans-NIH Committees)

2001- 2011 Women and Science Advisory Group

2002 Search Committee Member, Tenure Track Position, Epidemiology Branch, National Institute of
Environmental Sciences

2001-2002 Investigation Committee, Office of Intramural Research, Office of the Director

2003-2006 Second Task Force on the Status of NIH Intramural Women Scientists

2005 Selection Committee and Procedures for Women's Health Shared Postdoctoral Fellowship

2007 Search Committee Member, Tenure Track/Tenured Investigators (Epidemiology & Biostatistics),
Radiation Epidemiology Branch, National Cancer Institute

2007-2014 Subcommittee for Recruitment, Retention and Advancement of Women at NIH, Office of Intramural Research

2007- present NIH's Working Group on Women in Biomedical Careers

2008 Search Committee Member, Tenure Track Investigator, Nutritional Epidemiology Branch, National Cancer Institute

2010-2014 Global Health Communicators Subcommittee, Trans-NIH Global Health Research Working Group

2010-2012 Member, NIH Earl Stadtman Epidemiology/Population Sciences Tenure Track Search Committee

2011-2013 Member, NIH Health Maintenance Organization Research Network

2011-2013 Member, Steering Committee, NIH Intramural Center for Tobacco Regulatory Sciences

2011-2013 Member, NIH Interest Group in Aging

2011-present Member, Board of Tutors for the NIH Medical Research Scholars Program

2012-2013 Member, Search Committee, Scientific Director, Division of Cancer Epidemiology and Genetics, NCI

2014 Member, NIH Patient-Centered Outcomes Research Trust Fund (PCORTF)

2014-present Member, Executive Advisory Committee, NIH Medical Research Scholars Program, NIH

2015-2016 Member Intramural Research Program's Long-Term Planning Committee, NIH

2015-2016 Search Committee Member, Tenure Track Investigator, Division of Cancer Control & Epidemiology, National Cancer Institute

2015-present Member, Trans-NIH Health Disparities Science Vision Advisory Committee, National Institute on Minority Health and Health Disparities

2015-2016 Member, Search Committee for the Scientific Director Position, National Institute of Allergy and Infectious Disease

2015 *Ad hoc* Advisor, Office of the Director, ECHO Initiative

2015-present Chair, NIH Clinical Exemption Committee

2015-2016 Member, NIH Precision Medicine Initiative – working group

2016- Search Committee Member, Scientific Director, NIMHD, NIH

Eunice Kennedy Shriver National Institute of Child Health & Human Development (Institute Committees)

2000-2001 Search Committee Member, Tenured or Tenure Track Perinatal Epidemiology Position, Division of Epidemiology, Statistics & Prevention Research

2001 Search Committee Chair, Tenure Track Prevention Research Position, Division of Epidemiology, Statistics & Prevention Research

2001 Search Committee Member, Tenured or Tenure Track Biometry & Mathematical Statistics Position, Division of Epidemiology, Statistics & Prevention Research

2001 Committee Member, SIDS Five -Year Strategic Planning Committee

2001-2005 Co-Chair, Fertility & Early Pregnancy Committee, National Children's Study

2002 *Ad hoc* Tenure Review & Promotion Review Committee

2003-2004 Search Committee Member, Staff Scientist Position, Epidemiology Branch

2006 Search Committee Member, Tenure Track/Tenured Investigator, Biometry Branch

2006-2007 Committee Member, Tenure Track/Tenured Investigator, Epidemiology Branch

2006 Committee Member, Tenure Review & Promotion

2008 Search Committee Member, Office of the Director, Associate Director for Administration

2008- 2013 Board Member, Office of the Director, NICHD Information Technology Advisory Board

2008- 2009 Interview Review Panel, NICHD COAC Director

2010- 2013 Member, NICHD Seminar Series Committee

2010- present Member, NICHD Director's Advisory Group

2010 Chair, *Ad hoc* RMS Advisory Subcommittee

2010 Member, Branch Chief Search Committee, Contract Management Branch

2011-2012 Search Committee Member, Associate Director for Extramural Research, NICHD

2014-2016 Member, NICHD Space Committee

2014 Member, Intramural Research Program Strategic Review Group

2014-2015 Search Committee Member, Associate Director for Extramural Research

2014-2015 Chair, Scientific Planning Workshop: Is human fecundity changing?

PROFESSIONAL ACTIVITIES

Reviewer – Strategic Plans

2000 National Birth Defects Prevention Network Data and Annual Report, CDC
2010-2014 National Action Plan on Infertility, CDC

Editorial Boards & Positions

1995-1997 Co-Editor, *American College of Epidemiology's* Newsletter
2001-2012 Associate Editor, *American Journal of Epidemiology*
2009-present Editorial Board, National Institutes of Health's Intramural Publication – *Catalyst*
2012-2016 Editorial Board, *Human Reproduction*

Journal Peer Reviewer

Epidemiology and Public Health: American Journal of Epidemiology; American Journal of Public Health; Annals of Epidemiology; Archives of Environmental and Occupational Health; Environmental Health; Environmental Health Perspectives; Environmental Research; Epidemiology; Epidemiologic Reviews; European Journal of Epidemiology; International Journal of Epidemiology; Journal of Epidemiology and Community Health; Journal of Exposure Analysis and Environmental Epidemiology; Paediatric and Perinatal Epidemiology

Clinical: American Journal of Obstetrics and Gynecology; European Journal of Obstetrics and Gynecology and Reproductive Biology; Fertility and Sterility; Human Fertility, Human Reproduction; Human Reproduction Update; Journal of American Medical Association; Journal of Andrology; Journal of Clinical Endocrinology and Metabolism; Journal of Pediatric Endocrinology and Metabolism; Mental Retardation and Development Disability Research Reviews; Journal of Pediatrics; Journal of Perinatology; Obstetrics and Gynecology; Pediatrics; Journal of National Medical Association; National Medical Journal of Pediatrics; Journal of Women's Health; Journal of Women's Reproductive Health

Other: American Journal of Industrial Medicine; Biomedical Central; Birth; Cancer; Cancer Research; Chemosphere; Critical Reviews in Toxicology; Environment International; Environmental and Occupational Health; Environmental Science and Technology; Environmental Toxicology and Pharmacology; Inhalation Toxicology; Journal of Exposure Analysis and Environmental Epidemiology; Journal of Nutrition; Journal Toxicology and Environmental Health; Journal of Toxicology and Industrial Health; Neurotoxicology and Teratology; PLoS One; Reproductive Toxicology; Tobacco Control; Toxicological Sciences

Planning Committees – Workshops, Annual Meetings, Training

1991 Society for Epidemiologic Research 24th Annual Meeting (Hosted by the Department of Social & Preventive Medicine, University at Buffalo).
1991-1995, 2000 Society for Pediatric and Perinatal Epidemiologic Research
1999-2000 12th Annual Meeting of the International Society for Environmental Epidemiology. Hosted by the Department of Social & Preventive Medicine, University at Buffalo
2001-2002 Society for Women's Health Research. Sex Differences in Environmental Health Research, NIH
2004 Methods & Applications of Day Specific Probabilities of Conception, NICHD
2003-2004 ISLI Health and Environmental Sciences Institute, 2004 International Biomonitoring Workshop
2004 Expanding Methodologies for Capturing Day-Specific Probabilities of Conception Workshop, NIH
2004-2005 International Society for Environmental Epidemiology, Scientific Programme Committee
2006-2007 University of California, San Francisco- Collaborative on Health and the Environment Summit. Environmental Challenges to Reproductive Health and Fertility
2004-present *Eunice Kennedy Shriver* National Institute of Child Health & Human Development and Canadian Institute for Health Research's Summer Institute in Reproductive & Perinatal Epidemiology
2008 NICHD, Preconception Care Research: Improving Birth Outcomes and Reproductive Health Workshop
2008 Team Science: Passion for Participatory Research, NICHD
2011-2012 The National Academies, Emerging Technologies for Measuring the Individual Exposome
2011-2012 International Society for Environmental Epidemiology, Scientific Programme Committee
2013-2015 Society for Epidemiologic Research

Committee Appointments, Advisory Boards

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| 1992-1994 | Committee Member, Program Planning and Continuing Education Committee, American College of Epidemiology |
| 1992-1994 | Consultant, Consultative Committee on Reproductive Health and the Environment, Health and Welfare Canada, Ottawa, Ontario |
| 1992-1995 | Committee Member, Education Committee, American College of Epidemiology |
| 1993-1998 | Committee Member, Ethics and Standards of Practice Committee, American College of Epidemiology |
| 1997-1998 | Subcommittee Member, American College of Epidemiology Ethics Guidelines Subcommittee. Writing Group |
| 1994-1997 | Chair, Communications and Public Relations Committee, American College of Epidemiology, |
| 1996 | Temporary Advisor, International Programme on Chemical Safety - Boron, Pan American Health Organization, World Health Organization |
| 1989-1999 | Member, Advisory Board, Western New York Regional Perinatal Data System. Department of Gynecology-Obstetrics, University at Buffalo |
| 1999-2000 | Member, Cancer Prevention and Control Committee, Gynecologic Oncology Group |
| 2000-2002 | Member, Technical Implementation Panel for Long-Range Research Initiatives, American Chemistry Council |
| 2002-2003 | Member, Finance Committee. American College of Epidemiology |
| 2003-2004 | Chair, Finance Committee. American College of Epidemiology |
| 2003-2004 | Temporary Advisor, World Health Organization. IPCS Planning Meeting to Develop Outline for EHC on "Principles for Evaluating Health Risks in Children Associated with Exposure to Chemicals," World Health Organization |
| 2003 | Invited Panelist. University of Washington and WHO Workshop on Evaluating Developmental & Reproductive Toxicity for Risk Assessment, Seattle, Washington |
| 2003-2004 | Invited Special Emphasis Panel on Fluoxetine. National Toxicology Program, Center for the Evaluation of Risks to Human Reproduction (CERHR), National Institute of Environmental Health Sciences |
| 2003-2009 | Member, Scientific Advisory Board, U.S. Environmental Protection Agency Science Advisory Board's Environmental Health Committee |
| 2005-2007 | Member, National Toxicology Program (NTP) Board of Scientific Counselors |
| 2005-2006 | Member, Congress of Epidemiology Awards (Lilienfeld Award) Committee |
| 2006 | Member, Congress of Epidemiology Student Prize Paper Award & Travel Awards Committees |
| 2006 | Chair, International Society for Environmental Epidemiology Nominations Committee |
| 2007 | Member, Awards Committee, International Society for Environmental Epidemiology |
| 2007 | Consultant, Environmental Protection Agency's Human Studies Review Board for Scientific and Ethical Approaches for Observational Exposure Studies |
| 2008-2012 | Science Advisory Panel, Assisted Human Reproduction Canada |
| 2009-2010 | Member, Rising Star Awards Committee, Society for Pediatric & Perinatal Epidemiology |
| 2009-2010 | Committee Member, Awards Committee, Society for Paediatric & Perinatal Epidemiology |
| 2010-2011 | Committee Member, Research Working Group, National Agenda on Infertility, Centers for Disease Control & Prevention |
| 2010-2011 | Chair, Environmental and Occupational Exposures Working Group, National Agenda on Infertility, Centers for Disease Control and Prevention |
| 2010 | Panel Member, Provisional Atmosphere Limits for Mixed Gender U.S. Navy Submarine Crews, Naval Submarine Medical Research Laboratory |
| 2010-2011 | Steering Committee Member, Infertility Action Plan Working Groups, Centers for Disease Control and Prevention |
| 2011-2013 | Committee Member, National Maternal and Child Health Award |
| 2014-2015 | Chair, Publications Committee, Society for Epidemiologic Research |
| 2014-2015 | Member, Policy Committee. American Journal of Epidemiology (SER representative). |
| 2015 | Member, Decreasing Uncertainties in Chemical Risk Assessment. U.S. EPA & NIEHS. |
| 2015-2016 | Member, CIHR Grant Review Committee – Developmental Origins of Health & Disease |
| 2016- | Member, Editorial Committee- 50 th Anniversary, Society for Epidemiologic Research |

Executive Leadership Appointments

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| 1991-1995 | Secretary, Society for Pediatric Epidemiology Research |
| 1995-1998 | Board Member, American College of Epidemiology |
| 2000-2001 | President-Elect, Society for Pediatric & Perinatal Epidemiologic Research |
| 2001-2002 | President, Society for Pediatric & Perinatal Research |
| 2004-2007 | Councilor, Executive Council, International Society for Environmental Epidemiology |
| 2012-2013 | President-Elect, Society for Epidemiologic Research |
| 2013-2014 | President, Society for Epidemiologic Research |
| 2014-2015 | Past President, Society for Epidemiologic Research |

THE NATIONAL ACADEMIES

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|-----------|--|
| 1995-1997 | Committee Member, Subcommittee on Zinc-Cadmium-Sulfide, National Research Council, National Academy of Sciences, Committee on Toxicology |
| 1995-2001 | Member, Committee on Toxicology, National Research Council, Commission on Life Sciences, National Academy of Sciences |
| 1996-2002 | Board Member, Board of the Medical Follow-up Agency, Institute of Medicine, National Academy of Sciences |
| 1997-2000 | Committee Member, Subcommittee on Reproductive and Developmental Toxicants, Committee on Toxicology, National Research Council, National Academy of Sciences |
| 1997-2001 | Committee Member, Subcommittee on Toxicological Hazard Evaluation, Committee on Toxicology, National Research Council, National Academy of Sciences |
| 1998-1999 | Advisor, Institute of Medicine's Study on Strategies to Protect the Health of Deployed U.S. Forces, Subtask 2.4. |
| 1998-2001 | Committee Member, Oversight Committee, Five Year Follow up of Army personnel Potentially Exposed to Chemical Warfare Agents, Medical Follow up Agency, Institute of Medicine |
| 1998-1999 | Advisor, National Research Council's Strategies to Protect the Health of Deployed U.S. Forces. Task 2.1. Assessing Health Risks during Deployments in Hostile Environments. National Academy of Science |
| 2000-2002 | Committee Member, Subcommittee on Submarine Escape Action. Committee on Toxicology, National Research Council, The National Academies |
| 2000 | Committee Member, Subcommittee on Risk Assessment at Atsugi Naval Air Facility, Committee on Toxicology, National Research Council, The National Academies |
| 2004 | Review of the Army's Technical Guides on Assessing and Managing Chemical Hazards to Deployed Personnel. Subcommittee on the Toxicological Risks to Deployed Military Personnel, Committee on Toxicology, National Research Council, The National Academies |
| 2006 | Panel Member, Research Support Program of the National Academy of Sciences, Policy & Global Affairs Division. The National Academies |
| 2006 | Review of U.S. Agency for International Development Bureau for Economic Growth, Agriculture, and Trade's Research Support Program of the National Academy of Sciences, Policy and Global Affairs Division, The National Academies |
| 2009-2016 | Committee Member, Government Liaison Group for the Standing Committee on Use of Emerging Science for Environmental Health Decisions, The National Academies |

INVITED TALKS

Presented numerous invited (inter)national talks, seminars & grand rounds. Invited participant for various expert panels, advisory boards or workshops. Also, regular presenter of papers at scientific meetings. A detailed listed is provided in part 2 of my curriculum vitae.

GRANT REVIEW

Federal – National Institutes of Health, Veterans, Affairs, Environmental Protection Agency

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| 1992 | <i>Ad Hoc</i> Study Section Member, NICHD |
| 1995 | <i>Ad Hoc</i> Study Section Member, NICHD & NIEHS |
| 1998 | Special Emphasis Panel, Centers for Children's Environmental Health and Promotion Research, NIEHS & EPA |
| 1999 | <i>Ad Hoc</i> Reviewer, Minority Biomedical Research Support, NIH |

- 1999 *Ad Hoc* Study Section Member, Genetic Susceptibility & Variability of Human Malformations, NICHD & NIEHS
- 2000 *Ad Hoc* Study Section Member, Epidemiology Study Section 2, NIEHS
- 2001 *Ad Hoc* Study Section Member, VA's Centers for the Study of War Related Illnesses, VA
- 2003 *Ad Hoc* Reviewer, Global Health Network for Women's and Children's Health Research, NICHD
- 2004 Chair & *Ad Hoc* Reviewer. Special Emphasis Panel – Gene Environment Interactions and Breast Cancer, NIEHS
- 2005 *Ad Hoc* Reviewer. Special Emphasis Panel – Support Services for Epidemiology, NIEHS
- 2007 *Ad Hoc* Reviewer. Evaluation of an EmOC Intervention Package to Reduce Adverse Pregnancy Outcomes in Low Resource Settings (The EmOC Trial), NICHD
- 2008 *Ad hoc* Reviewer. National Toxicology Program, Center for the Evaluation of Risks to Human Reproduction, NIEHS

University

- 2015 *Reviewer*, President's Research Enhancement Program – Part I: integrative Biosciences, Wayne State University
- 2015 *Reviewer*, Harvard T.H. Chan School of Public Health, Harvard-NIEHS Environmental Center Grant Review

International

- 2001-2003 *Reviewer*, Canadian Northern Contaminants Program. Department of Indian Affairs and Northern Development, Ottawa, Canada
- 2001 *Reviewer*, Health Effects Institute, Boston, Massachusetts
- 2007 *Reviewer*, Medical Research Council, London, England
- 2015 *Reviewer*, DOHaD – Implications for Men, Women, Boys and Girls, Canadian Institutes of Health, Montreal, Canada
- 2015 *Reviewer*, Investment Grant Programme from ZonMwe. Netherlands Organisation for Health Research and Development

Industry

- 2001-2003 *Reviewer*, American Chemistry Council, Washington, D.C.

Private Research Foundations

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209. Yeung EH, **Buck Louis GM**, Lawrence D, Kannan K, McLain A, Druschel C, Bell E. Eliciting parental support for the use of newborn blood spots for population health research. *BMC Medical Research Methodology* 2016;16(1):14. PMID: 26846420
210. *Smarr MM, Grantz KL, Zhang C, Sundaram R, Maisog JB, Barr DB, **Buck Louis GM**. Persistent organic pollutants and pregnancy complications. *Science of the Total Environment* 2016:551-552. PMID: 26878640
211. Stern JE, McLain AC, **Buck Louis GM**, Luke B, Yeung EH. Accuracy of self-reported survey data on ART treatment and reproductive history from the Upstate KIDS Study. *American Journal of Obstetrics and Gynecology* 2016; Feb 11. Doi: 10.1016/j.ajog.2016.02.010. PMID: 26875948
212. **Buck Louis GM**, Sapra KJ, Schisterman EF, Lynch CD, Maisog JM, Grantz KL, Sundaram R. Lifestyle and pregnancy loss in a contemporary cohort of women recruited prior to conception, LIFE Study. *Fertility and Sterility* 2016;106(1):180-188. PMID: 27016456
213. *Sapra KJ, Joseph KS, Galea S, Bates LM, **Buck Louis GM**, Ananth CV. Signs and symptoms of pregnancy loss: A review of the literature. *Reproductive Sciences* 2016;31(4):887-896. PMID: 26936888
214. Grantz KL, Grewal J, Albert PS, Wapner R, D'Alton ME, Sciscione A, Grobman WA, Wing DA, Owen J, Newman RB, Chien EK, Gore-Langton R, Kim S, Zhang C, **Buck Louis GM**, Hediger ML. The NICHD Fetal Growth Study: Dichorionic Twin Trajectories. *American Journal of Obstetrics and Gynecology* 2016 16;142-149. PMID: 27143399
215. **Buck Louis GM**, Backjona U, Schliep KC, Sun L, Peterson CM, Chen Z. Comparison of fecundity and fertility among women with and without incident endometriosis. *Journal of Women's Health* 2016 (In Press)
216. *Sapra KJ, Barr DB, Maisog JM, Sundaram R, **Buck Louis GM**. Couples' use of tobacco and time-to-pregnancy. *Nicotine and Tobacco Research* 2016 May 17. pii: ntw132. PMID: 27190399

217. *Schliep KC, Mumford SL, Backonja U, Chen Z, Johnstone EB, Sharp HT, Stanford JB, Kiely M, Peterson CM, **Buck Louis GM**. Sexual and Physical Abuse and Gynecologic Health: Findings from the ENDO Study. *Human Reproduction* 2016 Jun 22. pii: dew153. PMID: 27334336
218. **Buck Louis GM**, Sapra KJ, Barr DB, Lu Z, Sundaram R. Preconception perfluoroalkyl and polyfluoroalkyl substances and incident pregnancy loss, LIFE Study. *Reproductive Toxicology* 2016;65:11-17. PMID: 27319395
219. Yeung EH, Sundaram R, Bell EM, Druschel C, Kus C, Xie Y, **Buck Louis GM**. Infertility treatment and children's longitudinal growth between birth and 36 months of age. *Human Reproduction* 2016;31(7):1621-1628. PMID: 27165624
220. *Smarr MM, Grantz KL, Sundaram R, Maisog JM, Honda M, Kannan K, **Buck Louis G**. Urinary biomarkers of preconception paracetamol exposure and time-to-pregnancy. *Human Reproduction* (In Press) 2016 Jul 13. pii: dew172. DOI: 10.1093/humrep/dew172. PMID: 27412248
220. *Smarr M, Kannan K, **Buck Louis GM**. Endocrine disrupting chemicals and endometriosis. *Fertility and Sterility* (In Press)
221. Mumford SL, **Buck Louis GM**, Louis JF, King RB, Sapra K. Pregnancy intentions – a complex construct and call for new measures. *Fertility and Sterility* (In press)

Manuscripts under Review

*Sapra KJ, Bae J, Kim S, **Buck Louis GM**. Time-to-pregnancy and secondary sex ratio in a preconception cohort.

*Backonja U, Hediger ML, Chen Z, Lauver DR, **Buck Louis GM**. Adiposity and body composition and endometriosis.

Stingone JA, **Buck Louis GM**, Nakayama SF, Vermeulen RCH, Kwok RK, Cui Y, Balshaw DM, Teitelbaum SL. Toward greater implementation of the exposome research paradigm within environmental epidemiology.

Mendola P, Sundaram R, **Buck Louis GM**, Sun L, Wallace ME, Sherman S, Ying Q, Smarr MM, Zhu Y, Liu D. Proximity to major roadways and prospectively-measured time-to-pregnancy and infertility.

Eisenberg ML, Sundaram R, Maisog J, **Buck Louis GM**. Diabetes, medical comorbidities, and couple fecundity: data from the LIFE Study.

Hwang BS, Chen Z, **Buck Louis GM**, Albert P. A Bayesian high-dimensional couple-based latent risk model with an application to infertility.

Mills JL, **Buck Louis GM**, Kannan K, Weck J, Wan Y, Maisog J, Wu Q, Sundaram R. Delayed conception in iodine deficient women: a population based prospective cohort study.

Batt RE, **Buck Louis GM**, Yeh J, Martin DC, Mhawech-Fauceglia P, Odunsi K. Developmental Müllerian Disease in Males – Müllerianosis.

Kim S, Chen Z, Perkins NJ, Schisterman EF, **Buck Louis GM**. A model-based approach to detection limits in studying environmental exposures and human fecundity.

Hinkle S, **Buck Louis GM**, Rawal S, Zhe Y, Albert PC, Zhang C. A Longitudinal Study of Depression and Gestational Diabetes Across the Perinatal and Postpartum Period.

Sundaram R, Mumford SL, **Buck Louis GM**. Couples' body composition and time-to-pregnancy.

Bae J, Lynch CD, Kim S, Sundaram R, Sapra KJ, **Buck Louis GM**. Preconception stress and the secondary sex ratio in a population-based preconception cohort.

Patel CJ, Sundaram R, **Buck Louis GM**. A data-driven search for semen-related phenotypes of impaired human fecundity.

Group Authored Refereed Publications

1. Becker CM, Laufer MR, Stratton P, Hummelshoj L, Missmer SA, Zondervan KT, Adamson GD, **WERF EPHect Working Group**. World Endometriosis Research Foundation Endometriosis Phenome and Biobanking Harmonisation Project: 1. Surgical phenotype data collection in endometriosis research. *Fertility and Sterility* 2014;S0015-0282(14)01336-3.
2. Rahmioglu N, Fassbender A, Vitonis AF, Tworoger SS, Hummelshoj L, D'Hooghe TM, Adamson GD, Giudice LC, Becker CM, Zondervan KT, Missmer SA; for the **WERF EPHect Working Group**. World Endometriosis Research Foundation Endometriosis Phenome and Biobanking Harmonization Project III. Fluid biospecimen collection, processing, and storage in endometriosis research. *Fertility and Sterility* 2014;S0015-0282(14)01835-4.
3. Fassbender A, Rahmioglu N, Vitonis AF, Viganò P, Giudice LC, D'Hooghe TM, Hummelshoj L, Adamson GD, Becker CM, Missmer SA, Zondervan KT; for the **WERF EPHect Working Group**. World Endometriosis Research Foundation Endometriosis Project: IV. Tissue collection, processing, and storage in endometriosis research. *Fertility and Sterility* 2014;S0015-0282(14)01836-6.

Invited Editorial

1. **Buck Louis GM**. Male Fecundity and Its Implications for Health and Disease Across the Lifespan. *Human Reproduction* 2014;29(7):1351-1352.

Meeting Proceedings

1. **Buck GM**, Vena JE, Schuster J, Weiner JM. Web-Based Data Capture and Management in Epidemiologic Investigations. In: *Proceedings: 14th IEEE Symposium on Computer-Based Medical Systems*. CBMS 2001. Los Alamitos, CA: The Printing House 2001.
2. Howcroft TK, Campisi J, **Buck Louis G**, Smith MT, Wise B, Wyss-Coray T, Deckhut Augustine A, McElhaney JE, Kohanski R, Sierra F. The role of inflammation in age-related disease. *Aging* 2013;5:84-93.

Non-Referred Manuscripts

1. **Buck GM**. SIDS: An Historical Perspective. *The Sciences* July/August, 32-37, 1988.
2. **Buck GM**, Baptiste M, Nasca P, Shelton BA, Batt R, Mendola P. A Population-Based Study of Infertile Women Who Do and Do Not Seek Services from Physicians. *Assisted Reproduction Reviews* 7; 2:1-4, 1997.

Letters to the Editor

1. Schisterman EF, **Buck GM**, Lynch CD. Trying to avoid bias in case-control and case-cohort studies. Letter to Editor *Fertility and Sterility* 2003; 80:1538.

2. Whitcomb BW, Schisterman EF, **Buck Louis GM**. Gestational age, gestational age-at-delivery: cause, effect, or time-scale? *Human Reproduction* 2007; 22, 3267.
3. Lynch CD, Klebanoff MA, **Buck Louis GM**. Is caffeine use during pregnancy really unsafe? *American Journal of Obstetrics & Gynecology* 2008; 199:e16.

Books

1. Buck Louis GM and Platt RW (eds). *Reproductive and Perinatal Epidemiology*. New York: Oxford University Press, 2011.

Book Chapters

1. Batt RE, Smith RA, **Buck GM**, Severino MF, Naples JD. Mullerianosis: In: Buttram VC, Chadha DR (eds.): *Current Concepts in Endometriosis: Proceedings of the Second International Symposium on Endometriosis held in Houston, Texas, May 1-3, 1989*. New York: Alan R. Liss, 1989, pp. 413-26.
2. Zuccala SJ, **Buck GM**, Batt RE. Abdominal-Pelvic Diagnostic Laparoscopy. In: Danakas GT and Pietranton M (eds.) *Care of the Gynecologic/Obstetric Patient*. Mosby-Year Book, Inc., 1997:6-71.
3. Udagawa SM, **Buck GM**, Batt RE. Bowel Injury. In: Danakas GT and Pietranton M (eds.) *Care of the Gynecologic/Obstetric Patient*. Mosby-Year Book, Inc. 1977, pp. 71-74.
4. Batt RE and **Buck GM**. Ureteral Dissection. In: Danakas GT and Pietranton M (eds.) *Care of the Gynecologic/Obstetric Patient*. Mosby-Year Book, Inc. 1997, pp. 74-77.
5. Batt RE and **Buck GM**. Endometriosis. In: Danakas GT and Pietranton M (eds.) *Care of the Gynecologic/Obstetric Patient*. Mosby-Year Book, Inc. 1997, pp. 179-188.
6. **Buck Louis GM** and Cooney MA. Effects of Environmental Contaminants on Ovarian Function and Fertility. In: *Novel Concepts in Ovarian Endocrinology*. Gonzalez-Bulnes A (Editor). Kerala, India: Research Signpost 2007, 249-268.
7. Sundaram R, **Louis GB**, Kim SD. Statistical modeling of human fecundity. In: *Methods and applications of statistics in life and health sciences*. New Jersey: John Wiley and Sons, 2009, 813-833.
8. Mendola P and **Buck Louis G**. Environmental contaminants, female reproductive health and fertility. *Environmental Impacts on Reproductive Health and Fertility*. Woodruff TJ, Janssen S, Guillette L, Giudice L (Eds.). New York: Cambridge University Press, 2010:161-172.
9. Peterson CM, Carrell DT, Varner M, Stanford J, Croughan M, **Buck Louis G**. The Environment and Reproduction: Endocrine Disruption, Reproductive Impairment and Epigenetics. In: *Reproductive Endocrinology and Infertility Integrating Modern Clinical and Laboratory Practice*. DT Carrell and CM Peterson (Eds). Philadelphia, PA: Springer, 2010, 781-803.
10. **Buck Louis GM** and Platt RW. Introduction to Reproductive and Perinatal Epidemiology. In: *Reproductive and Perinatal Epidemiology*. GM Buck Louis and RW Platt (Eds). New York: Oxford University Press, 2011, 3-15.
11. **Buck Louis GM**. Sensitive Windows of Human Reproduction and Development. In: *Reproductive and Perinatal Epidemiology*. GM Buck Louis and RW Platt (Eds). New York: Oxford University Press, 2011, 16-29.
12. **Buck Louis GM**. Fecundity and Fertility. In: *Reproductive and Perinatal Epidemiology*. GM Buck Louis and RW Platt (Eds). New York: Oxford University Press, 2011, 16-61.

13. **Buck Louis GM.** Fecundity Impairments. In: Reproductive and Perinatal Epidemiology. GM Buck Louis and RW Platt (Eds). New York: Oxford University Press, 2011, 62-84.
14. Platt RW and **Buck Louis GM.** Unique Methodologic Challenges in Reproductive and Perinatal Epidemiology. In: Reproductive and Perinatal Epidemiology. GM Buck Louis and RW Platt (Eds). New York: Oxford University Press, 2011, 298-313.
15. **Buck Louis GM.** Early Origins of Endometriosis: Role of Endocrine Disrupting Chemicals. In: Endometriosis: Science and Practice. Linda Giudice, Johannes L.H. Evers, and David Healy (Eds). Oxford, UK: Wiley-Blackwell Publishers, 2012, 153-163.
16. Stacey Missmer, **Buck Louis GM.** Cohort Designs and Reproductive Health. In: Biennial Reviews of Infertility, Volume 3. Peter N. Schlegel, Bart C. Fauser, Douglas T. Carrell, Catherine Racowsky (Eds). Springer Publishing, 2013.

Encyclopedia Contributions

1. **Buck GM** and Louis TA. Bias. In: The Encyclopedia of Public Health. Ahsuogh, Inc. Macmillan Library Reference, 2000.

Book Reviews

1. **Buck GM.** Reproduction and Perinatal Epidemiology. BIRTH 1992, 19:48-49.
2. **Buck GM.** Issues in Reproductive Technology: An Anthology. BIRTH 1993, 20:172-173.

PART II – DETAILED ACTIVITIES
Germaine M. Buck Louis, Ph.D., M.S.

PROFESSIONAL DEVELOPMENT

Biomedical & Population Health Related

| | |
|------|--|
| 1992 | Analysis of Longitudinal Data in Epidemiologic Research - A Three-Day Short Course |
| 1992 | Unraveling the Association between Illness and Environmental Exposure. Agency for Toxic Substances and Disease Registry, CDC |
| 1994 | Epidemiology Summer Institute, Tufts University |
| 1995 | Geographic Information Systems: Short Course. Public Health Service, CDC |
| 1997 | Case Studies in Science. University at Buffalo |
| 2006 | Bayesian Analysis – A Three-Day Short Course, NIH |
| 2007 | Keystone Symposia. Reproduction Advances and Challenges |

Administrative

| | |
|-----------|--|
| 2004 | Negotiating for Women Scientists, National Institutes of Health |
| 2006 | Scientific Leadership Course (Managing Up & Down, Motivating Others, Dealing with Conflict, Negotiating/Hiring Skills, Mentoring Skills), The Center for Health Professions at the National Institutes of Health |
| 2007 | Dealing with Difficult Personalities, National Institutes of Health |
| 2010 | Succession Planning, National Institutes of Health |
| 2011-2012 | NIH Executive Leadership Program (ExLP), Brookings Institute |
| 2012 | Inspiring Creativity in Organizations, Brookings Executive Education, Brookings Institute |
| 2013 | Leading Thinking™: A New Paradigm for Executive Success, Brookings Institute |

COMMUNITY SERVICE

| | |
|-----------|---|
| 1987-1990 | Member, Western New York SIDS Advisory Task Force |
| 1988-1993 | Vice President and Board Member, Buffalo Regional Task Force for Comprehensive Prenatal-Perinatal Services Network Development, Inc., |
| 1988-1993 | Chairman, Program Committee, Buffalo, New York |
| 1988-1993 | Member, Finance Committee |
| 1993-1995 | President and Board Member, Buffalo Regional Task Force for Comprehensive Prenatal-Perinatal Services National Development, Inc., Buffalo, New York |
| 1996-1999 | Emeritus Board Member, Buffalo Regional Task Force for Comprehensive Prenatal-Perinatal Services Network Development, Inc., Buffalo, New York |
| 1992-1997 | Member, Caring for Tomorrow's Children Committee, County of Erie, Buffalo, New York |
| 1993-1995 | Member, Infant Mortality Task Force, Health Systems Agency, Western New York |
| 1994-1996 | Member, Hospital Futures Task Force of Western New York, Health Systems Agency of Western New York, Inc. |
| 1994-1996 | Member, Health Systems Agency's Speaker Bureau, Western New York |
| 1995-1998 | Member, Community Review Team, Infant Mortality in Erie County, Erie County Health Department |
| 1996-1997 | Committee Member, Buffalo Environmental Management Commission |

INVITED TALKS & SEMINARS

1. Epidemiology of SIDS. Division of Epidemiology. School of Public Health, Emory University, Atlanta, GA. May 1992
2. Epidemiology of SIDS - Prevention Strategies. Department of Epidemiology, School of Public Health, University at Albany, SUNY, Albany, NY. September/October (1992, 1994, 1996, 1998)

3. Time to Pregnancy, NYS Angler Cohort Study. Program in Epidemiology, College of Human Medicine, Michigan State University, Lansing, MI. February 2, 1995
4. Opportunities for Family Medicine in Perinatal Epidemiology. Family Medicine, SUNY at Buffalo, Buffalo, NY, April 20, 1995.
5. Reproductive and Perinatal Epidemiologic Research in the Department of Social and Preventive Medicine. Eastern Great Lakes Perinatal Research Study Group, Niagara-on-the-Lake, Canada, December 13, 1996.
6. Women's Health and Reproduction. Rochester Women's Health Research Group, University of Rochester, Rochester, NY, February 2, 1996.
7. Role of Epidemiology in Developing Indicators of Health Status and Health Services Research. School of Nursing, SUNY at Buffalo, Buffalo, NY, 1996, 1997, 1998.
8. Paternal Consumption of PCB Contaminated Lake Ontario Fish and Risk of Conception Delay. College of Veterinary Medicine, Department of Veterinary Biosciences. University of Illinois at Urbana-Champaign, Urbana, IL, October 3, 1997.
9. Public Health Surveillance. School of Nursing, University at Buffalo, State of New York, Buffalo, New York, April 7, 1999.
10. Reproductive Factors and Cancer. Roswell Park Cancer Institute, Cancer Prevention, Epidemiology and Biostatistics, Buffalo, New York, April 12, 1999.
11. Consumption of Environmentally Contaminated Sport Fish and Fecundability. George Washington University, Division of Biostatistics and Epidemiology, School of Public Health and Health Services, Washington, DC, October 4, 1999.
12. Parental Consumption of Contaminated Sport Fish from Lake Ontario and Fecundability. National Institute of Child Health and Development, National Institute of Health. Division of Epidemiology, Biostatistics, and Prevention, Washington, DC, February 11, 2000.
13. Contaminated Fish Consumption and Fecundability. School of Medicine and Biomedical Sciences, Joint MD/PhD Seminar, University at Buffalo, Buffalo, New York, February 29, 2000.
14. Ethics in Epidemiologic Research: The American College of Epidemiology's Ethics Guidelines. Roswell Park Cancer Institute, Cancer Prevention, Epidemiology and Biostatistics, Buffalo, New York, March 6, 2000.
15. PCB Congeners and Fecundity, New York State Angler Cohort Study. 43rd Annual International Conference on Great Lakes Research, Cornwall, Ontario, May 24, 2000.
16. Sex Fecundity and Reproduction: Scientific, Social and Ethical Challenges. Dialogues in Research Ethics. University of Miami, Miami, Florida, March 30, 2001.
17. Existing and Potential Sources/Uses of Human Genetic Biomarker Data. International Council for Chemical Associations' Genomic Workshop, Orlando, Florida, March 7, 2001.
18. Epidemiology of Infertility: Critical Data Gaps. National Summit on Safe Motherhood: Investing in Health of Women, Centers for Disease Control & Prevention, Atlanta, Georgia, September 6, 2001.
19. Findings from the New York State Angler Cohort Study. School of Public Health, George Washington University, Washington, DC, March 13, 2002.

20. Critical Issues for Assessing Environmental Threats to Reproductive Health. Environmental Health Sciences, George Washington University, Washington, DC, March 13, 2002.
21. Use of Prospective Inquiry for Studying Environmental Threats to Human Reproduction. School of Public Health, University of Texas – Houston, Houston, Texas, March 20, 2002.
22. Partnering with the Community to Answer Questions about Environmental Influences on Human Reproduction and Development. Environment & Society Institute, University at Buffalo, Buffalo, New York, April 19, 2002.
23. Developmental Outcomes after Reproductive Technologies. Society for Developmental Pediatrics, Baltimore, Maryland, May 6, 2002.
24. Environmental PCBs and Pesticide Exposure and Risk of Endometriosis. International Congress on Environmental Health and Reproduction and Development, Chieti, Italy, October 12, 2002.
25. Environmental Pesticides & PCB Exposure and Risk of Endometriosis. Department of Community & Preventive Medicine, Mt. Sinai Medical School, New York City, New York, March 7, 2003.
26. Environmental Influences on Gynecologic Health. Department of Biometry & Epidemiology, Medical University of South Carolina, Charleston, South Carolina, February 10, 2003.
27. Environmental Influences on Endometriosis. School of Public Health, University of North Carolina at Chapel Hill, April 9, 2003.
28. Statistical Issues in Modeling Pregnancy Outcome Data. Australian Epidemiological Association, Perth, Australia, September 22, 2003.
29. Human Exposure to Environmental Factors. The Role of Environmental Factors on the Onset and Progression of Puberty-Expert Panel Workshop, Chicago, Illinois, November 7, 2003.
30. Rationale for Pinpointing Conception and Overview of Day-Specific Probabilities of Conception. Expanding Methodologies for Capturing Day-Specific Probabilities of Conception, Washington, DC, May 17, 2004.
31. Measuring Pregnancy Loss. Symposium on the Epidemiology of Miscarriage, Society for Pediatric & Perinatal Epidemiologic Research and the Teratology Society, Vancouver, BC, June 30, 2004.
32. Research Update and Happenings in the Epidemiology Branch, NICHD. National Institute of Environmental Health Sciences, Research Triangle Park, NC, August 9, 2004.
33. Environmental Influences on Female Fecundity. Understanding Environmental Contaminants and Human Fertility: Science and Strategy. Women's Health at Stanford and the Collaborative on Health and the Environment, Stanford University, Stanford, California, February 28, 2005.
34. Overview of Methodologic Challenges Facing Reproductive Epidemiology. International Biometric Society Eastern North American Region, Austin, Texas, March 22, 2005.
35. Toward a Clearer Understanding of the Impact of Environmental Exposures on Child Health. Health Effects Institute Annual Conference, Baltimore, Maryland, April 18, 2005.
36. Environmental Contaminants and Effects on Reproductive Health. Association of Reproductive Health Professionals, St. Petersburg, Florida, September 9, 2005.
37. Environmental Influences on Women's Health. Department of Epidemiology, Case Western University Medical School, Cleveland, Ohio, September 27, 2005.

38. Assisted Reproductive Technologies and Child Health. Department of Epidemiology & Biostatistics, Texas A & M University, Rural School of Public Health, College Station, Texas, November 3, 2005.
39. Overview of the Epidemiology Branch and Research Happening. Department of Public Health, University of Oxford, Oxford, UK, March 2, 2006.
40. Epidemiology of Infertility: Role of Paternally Mediated Effects. University of Albany, School of Public Health, Albany, New York, September 19, 2006.
41. Endocrine Disruptors and their Role in the Pathology of Endometriosis. Endometrial Biology and Pathologies Conference, San Francisco, California, November 17, 2006.
42. So What Can We Say about Periconception as a Critical Window? Advising the Pregnancy Planning Couple. UCSF-CHE Summit on Environmental Challenges to Reproductive Health and Fertility, San Francisco, California. January 30, 2007.
43. Overview of Reproductive & Perinatal Epidemiology. Department of Preventive Medicine and Biometrics, Uniformed Services University of the Health Sciences, Bethesda, Maryland, April 17, 2007.
44. Fetal Origins of Gynecologic Disorders: Environmental Exposures and Lifestyle. Marsh Poulson Invited Lecture, Department of Obstetrics & Gynecology, University of Utah Medical School, Salt Lake City, Utah, April 30, 2007.
45. Endocrine Disrupting Chemicals and Endometriosis. Society for Epidemiologic Research, Boston, Massachusetts, June 20, 2007.
46. Designing Human Fecundity and Fertility Research - What Every Clinician Should Know". American Society for Reproductive Medicine, Washington, DC, October 17, 2007.
47. Making Babies Isn't Always Easy: Implications of Infertility. 11th Annual Meeting of the National Birth Defects Prevention Network, Washington, DC, February 13, 2008.
48. Periconceptional Influences on Adult Reproductive Health. *Eunice Kennedy Shriver* National Institute of Child Health & Human Development's Preconception Care Research: Improving Birth Outcomes and Reproductive Health Workshop, Washington, DC, April 14, 2008.
49. Research Happenings & Update, Division of Epidemiology, Statistics & Prevention Research, University of South Carolina Research Consortium on Children and Families (RCCF) and the Department of Epidemiology and Biostatistics, University of South Carolina, Columbia, South Carolina, April 16, 2008.
50. Infertility, Treatment and the Male. University of Albany, School of Public Health, Albany, New York, October 21, 2008.
51. Elements of a Successful Epidemiologic Research Consortium. Orphan Mechanisms of Primary Ovarian Insufficiency: Passion for Participatory Research, Bethesda, MD, October 2, 2008.
52. State of the Science: An Epidemiologic Perspective of Critical Data Gaps Regarding Assisted Reproductive Technologies. Assisted Reproduction Canada, Ottawa, Canada, October 27, 2008.
53. The Environment and the Unborn: Case for *In Utero* Origin of Gynecologic Health. LocalMotion (Community Group), Grosse Pointe Farms, Michigan, November 19, 2008.

54. Infertility, ART and Birth Defects. National Birth Defects Prevention Network Annual Meeting, Nashville, TN, February 24, 2009.
55. Early Origins of Gynecologic Disorders: Role of Life Course Epidemiology, Harvard School of Public Health, Boston, Massachusetts, March 30, 2009.
56. Preconception Prospective Cohort Studies for Assessing Environmental Influences on Human Reproduction & Development – LIFE Study. Centre de Recerca en Epidemiologia Ambiental, Barcelona, Spain, May 12, 2009.
57. Designing Epidemiologic Studies Involving the Preconception Recruitment of Couples for the Assessment of Environmental Reproductive Toxicants. (Seminar) Department of Epidemiology & Biostatistics, George Washington University School of Public Health, Washington, DC, June 1, 2009.
58. *Eunice Kennedy Shriver* National Institute of Child Health & Human Development's Perspective of the Early Origin of Disease. PPTOX II: Role of Environmental Stressors in the Developmental Origins of Disease. Miami Beach, Florida, December 7, 2009.
59. Early Origins of Gynecologic Disease: Case for Ovarian Dysgenesis. PPTOX II: Role of Environmental Stressors in the Developmental Origins of Disease. Miami Beach, Florida, December 9, 2009.
60. Stress and Female Fecundity. Assisted Reproduction Canada. Ottawa, Canada, April 26, 2010.
61. Etiologic Determinants of Human Fecundity and Fertility: Study Design and Methodologic Considerations. NIH and Naval Hospital Reproductive Endocrinology Fellows Training Program, Bethesda, Maryland, August 3, 2010.
62. Epidemiology of Infertility: Contribution of Male Factor. Department of Epidemiology & Biostatistics, University of Albany School of Public Health. Albany, New York, November 9, 2010.
63. Early Origins of Uterine Leiomyomas: Case for the Exposome Paradigm. Advances in Uterine Leiomyoma Research. National Institutes of Health, Bethesda, Maryland, November 23, 2010.
64. Environmental Influences on the Natural History and Diagnosis of Endometriosis. The National Institutes of Health. The NIH Research Festival, Bethesda, Maryland, October 25, 2011.
65. Couple Based Approach for Assessing Persistent Environmental Pollutants and Human Reproduction and Development – Recent Findings from the LIFE Study. NIEHS and EPA Children's Environmental Health and Disease Prevention Research Centers: Strengthening the Network, Bethesda, Maryland, March 6, 2012.
66. Conceptual and Methodological Challenges Underlying the Assessment of Environmental Reproductive and Developmental Toxicity. ENAR 85th Annual Meeting, Washington, DC, April 3, 2012.
67. Couple Based Research Strategy for Assessing Reproductive & Developmental Toxicity – A Case Study of a Novel Epidemiology Study Design. Harvard School of Public Health, Boston, Massachusetts, May 2, 2012.
68. Assessing Couple Based Environmental Reproductive and Developmental Toxicants. NIEHS, Washington, DC, May 10, 2012.
69. Human Fecundity – Turning Data Gaps into Discovery? Society for Pediatric and Perinatal Epidemiologic Research, Minneapolis, Minnesota, June 25, 2012.
70. Couple Based Approaches for Assessing Human Fecundity and Fertility. Dean's Lecture. College of Public Health, University of South Florida, Tampa, FL, October 21, 2012.

71. Exposome – Opportunities for Transformative Research. Environmental Health Sciences, Columbia School of Public Health, New York City, NY, January 14, 2013.
72. Periconception parental metal exposures and couple fecundity: Implications for understanding child health. Society for Toxicology, San Antonio, Texas, March 11, 2013.
73. Epidemiology of infertility: importance of male factor. University of Albany, School of Public Health, Albany, New York, April 24, 2013.
74. Persistent Environmental Pollutants and Couple Fecundity. 7th Copenhagen Workshop on Endocrine Disrupters. Copenhagen, Denmark, May 29, 2013.
75. Environmental Chemicals and Couple Fecundity and Fertility. Division of Intramural Research, NICHD, Bethesda, Maryland, June 6, 2013.
76. Exposome: Opportunities for Breakthroughs in Population Health Research. Wadsworth Center, Albany, New York, September 11, 2013.
77. Environmental Chemicals and Couple Fecundity. Adult Program on Reproductive Endocrinology, Division of Intramural Research, NICHD, Bethesda, Maryland, December 6, 2013.
78. Chemicals and Gynecologic Health. Is there a connection? Sponsored by the Departments of Obstetrics & Gynecology, Medicine, Anesthesiology, & Surgery and the Division of Public Health Sciences. Washington University School of Medicine, January 9, 2014.
79. Short- and Long-Term Outcomes of ART for Children and Parents. NIH STEP Workshop – Where do Babies Come From? Washington, DC. March 11, 2014.
80. Environmental Chemicals and Human Reproduction: Recent Findings from the LIFE Study. NICHD Reproductive Sciences Network, Bethesda, Maryland, May 20, 2014.
81. Environmental Influence on Couple Fecundity: Role of the Male Partner. Mt. Sinai School of Medicine, New York City, NY. November 25, 2014.
82. Building a Research Career focusing on the Environmental Influences on Couple Fecundity. Medical Research Scholars Program, Bethesda, MD, December 15, 2014.
83. Human Fecundity and Fertility – Implications for Epidemiologic Research. Departments of Epidemiology & Biostatistics and Environmental Health. University at Albany School of Public Health. Albany, New York, February 5, 2015.
84. Environmental chemicals during sensitive windows of development and children’s health outcomes. PHACS 2015 Spring Leadership Retreat, Bethesda, Maryland, March 17, 2015.
85. Infertility: clinical management and epidemiology (with Alan De Cherney). Demystifying Medicine Invited Lecture Series. National Institutes of Health, Bethesda, Maryland, April 7, 2015.
86. Paternal exposures in relation to time-to-pregnancy. Copenhagen Workshop on Endocrine Disrupters. Rigshospitalet, Copenhagen, Denmark, April 28, 2015.
87. Development of symbols for body shape and correlation with measured body mass index. NIH Intramural Population Science Working Group, Bethesda, Maryland, October 26, 2015.
88. Endocrine disrupting chemicals and relevant female health endpoints. Committee on Endocrine-Related Low-Dose Toxicity, The National Academies, Washington, D.C., November 17, 2015.

89. Male and female fecundity and fertility. Department of Preventive Medicine, Mt. Sinai School of medicine, New York City, NY, January 27, 2016.
90. Endocrine disruptors and couple fecundity. 2nd Paris Workshop on Endocrine Disruptors Effects on Wildlife and Human Health, Paris, France, January 21, 2016.
91. Pregnancy loss – so prevalent but why so few answers? Johns Hopkins Bloomberg School of Public Health. Baltimore, Maryland. February 24, 2016.
92. Environmental influences and female infertility. American Society for Reproductive Medicine (ASRM), the Society for the Study of Reproduction, and the Society of Reproductive Biologists and Technologists. Dallas, Texas, March 5, 2016.

INVITED GRAND ROUNDS

1. How do I get pregnant, Doctor? Department of Obstetrics & Gynecology, University of Utah Medical School, Salt Lake City, Utah, May 1, 2007.
2. Fetal Origins of Gynecologic Disorders – Role of Environmental Exposures. Wayne State University School of Medicine and the Detroit Medical Center, Detroit, Michigan, January 28, 2008.
3. Rethinking the Fertile Window: What do the Data Say? Wayne State University School of Medicine and the Detroit Medical Center, Detroit, Michigan, January 28, 2008.
4. Do Gynecologic Disorders Originate *In Utero*? Beaumont Hospital Grosse Pointe, Gross Michigan, November 19, 2008.
5. Statistical Challenges in Modeling Human Fecundity (with Dr. Rajeshwari Sundaram). Johns Hopkins Bloomberg School of Public Health, Biostatistical Grand Rounds, Baltimore, Maryland, November 18, 2009.
6. Population Based Strategies for Assessing Potential Environmental Reproductive and Developmental Toxicants – the LIFE Study. Department of Public Health & Preventive Medicine, Syracuse University, Syracuse, New York, October 12, 2011.
7. Can human fecundity inform about cancer risk? Dr. Julie Baker Lecture Series, Cancer Prevention Grand Rounds. Roswell Park Cancer Institute, Buffalo, New York, December 1, 2013.

INVITED KEYNOTE SPEAKER

1. Keynote Speaker. Critical Windows for Child Health – Periconception Window. International Society for Environmental Epidemiology, Paris, France, September 3, 2006.
2. Commencement Speaker. School of Public Health & Health Professions, University at Buffalo, The State of New York, May 10, 2008.
3. Keynote Speaker. A Couple Based Methodology for Assessing Potential Environmental Reproductive and Developmental Toxicants, the LIFE Study, Toxicology Open House, University of Illinois at Urbana-Champaign, Urbana, Illinois, October 21, 2011.
4. Distinguished Speaker. Conceptual and Methodological Challenges Underlying Human Reproduction and Development. Distinguished Women Scholars in Statistics Series, Department of Biostatistics, University at Buffalo, February 9, 2012.

5. Keynote Dinner Speaker. SPER: So Much History, Even More Future. 25th Annual Meeting Society for Pediatric and Perinatal Epidemiologic Research, Minneapolis, MN, June 26, 2012.
6. Presidential Address. Revolutionary Changes in the Design and Conduct of Epidemiologic Research: Are We Ready? Society for Epidemiologic Research, Seattle, Washington, June 25, 2014.
7. Understanding Environmental Influences on Human Reproduction and Development: Implications for Children's Health. PHACS 2015 Leadership Retreat. Bethesda, Maryland, March 17, 2015.

INVITED WORKSHOPS, PANEL DISCUSSIONS & STRATEGIC PLANNING

1. Workshop Participant, Workshop on Perinatal Exposure to Dioxin-Like Compounds, University of California at Berkeley, Berkeley, CA, June 13-15, 1993
2. Panel Member, United States Environmental Protection Agency, Dioxin Peer Review Workshop, Chapter 7, Epidemiology/Human Data, Arlington, VA, September 7-8, 1993
3. Symposium Convener, Ethics Workshop, Society for Epidemiologic Research, Miami Beach, FL, June 15, 1994.
4. Symposium Convener, Round Table Discussion of Case Histories on Topics Related to Ethical Issues of Publication and Informed Consent, American College of Epidemiology, September 11, 1994.
5. Symposium Convener, Round Table Discussion - Case Presentations on Ethical Topics in Epidemiologic Research, Snowbird, UT, June 22, 1995.
6. Committee Speaker, Analysis of Reproductive and Developmental Effects: EPA's Reassessment. Presented at the Committee on the Health Effects of Waste Incineration, National Research Council, Newport Beach, CA, September 3, 1995.
7. Moderator, Pregnancy Contributed Papers. Society for Epidemiologic Research, Boston, MA, June 13, 1996.
8. Roundtable Leader, Round Table Discussion. Infertility: Conceptual and Methodologic Issues, Society for Epidemiologic Research, Boston, MA, June 15, 1996
9. Workshop Facilitator, Methods for Ethical Decision-Making in Epidemiology. American College of Epidemiology. Boston, MA, September 21, 1997.
10. Moderator, Spotlight Session – Environmental Threats to Male or Female Reproductive Health. Society for Epidemiologic Research, Baltimore, MD, June 10, 1999.
11. Group Facilitator, Consultation Meeting II – Child Longitudinal Cohort Study, Washington, DC, December 12, 2000.
12. National Toxicology Program. Reproductive & Developmental Toxicity Guidelines. Research Triangle Park, NC May 25, 2001.
13. Workshop Panelist, European Chlorinated Solvent Association. Workshop on Reproductive Toxicity of Tetrachloroethylene (PER). Brussels, Belgium, October 30-31, 2001.
14. Workshop Panelist. A Century After Curie. The Experience of Women in Science. Georgetown University. Washington, D.C. February 5, 2002.

15. Workshop Leader. Environmental & Human Reproduction: Overcoming Methodologic Challenges: International Society for Environmental Epidemiology. Vancouver, British Columbia, August 11, 2002.
16. Poster Session Discussant. Reproduction & Neonatal Health. International Society for Environmental Epidemiology. Vancouver, British Columbia, August 14, 2002.
17. Moderator, Contributed Papers on Reproductive Health. International Congress on Environmental Influences on Reproduction and Development. Universita G. D'Annunzio. Chieti, Italy, October 12, 2002.
18. Panelist. Envisioning the Future of Exposure Research. LRI Scientific Meeting. American Chemistry Council. Herndon, Virginia, June 25, 2003.
19. Faculty Member, Epidemiologic Student Workshop, Australian Epidemiological Association, Perth, Australia, September 22, 2003.
20. Meeting Participant. International Life Sciences Institute's Subcommittee on Integration of Biomonitoring Exposure Data into the Risk Assessment Process. Washington, DC. October 27, 2003.
21. Panelist. Role of Environmental Factors on the Onset and Progression of Puberty Expert Panel Workshop. Serono Symposia International, EPA & NIEHS. Chicago, Illinois. November 6-8, 2003.
22. Case Facilitator. International Biomonitoring Workshop. ISLI Health & Environmental Sciences Institute. Research Triangle Park, NC. September 21-22, 2004.
23. Workshop Participant. Understanding Environmental Contaminants and Human Fertility: Science and Strategy. Women's Health @ Stanford and the Collaborative on Health and the Environment. Palo Alto, California. February 27-March 1, 2005.
24. Panelist. Effects of Long-Term Exposure to Air Pollution on Children's Health: Role of Prenatal and Early Life Exposures. Health Effects Institute's Annual Conference, Baltimore, Maryland. April 17-19, 2005.
25. Data Sources for Assessing Infertility Treatment and Pregnancy Outcomes and Child Health. NICHD Workshop on Infertility Treatment and Adverse Pregnancy Outcome. Washington, DC, September 13, 2005.
26. Roundtable Leader. Is Human Fecundity Declining and What are the Implications for Early Onset Disease? Society for Epidemiologic Research Invited Roundtable Discussion. Boston, Massachusetts; June 21, 2007.
27. Meet the Expert Workshop. Society for Epidemiologic Research. Chicago, Illinois, June 25, 2008.
28. AHRC-CIHR Assisted Human Reproduction Research Workshop: Developing a National Research Agenda, Montreal, Canada, October 14-16, 2008.
29. Participant, HESI Scientific Mapping Meeting in Reston, VA, near Washington, DC, July 28-29, 2009.
30. Expert Workshop Member, State of the Science Workshop: Evaluation of Epidemiological Data Consistency for Application in Regulatory Risk Assessment. Baltimore, MD, September 23-24, 2010.
31. NIEHS & EPA Children's Environmental Health and Disease Prevention Research Centers: Strengthening the Network. Bethesda, MD, March 6, 2012.
32. Negotiating a Job Offer. Contributed Workshop Session. Society for Epidemiologic Research. Boston, MA, June 21, 2013.

33. Short- and Long-Term Health Implications of Assisted Reproductive Technologies. NIH Extramural STEP Workshop. Bethesda, Maryland, March 11, 2014.
34. Exposome Workshop. National Institute of Environmental Health Sciences. Research Triangle Park, North Carolina, January 14-15, 2015.
35. Risk Assessment for the Protection of Public Health. Washington, D.C. NIEHS & EPA, 2015.
36. Environment and Health: What's the Microbiome Have to do with it? (Panelist) That National Academies of Sciences, Engineering, and Medicine. Washington, D.C. January 14, 2016.

CONTRIBUTED PAPERS AT PROFESSIONAL MEETINGS (personally presented)

1979

Recent Research Trends in Adolescent Fertility. Lecture presented at the Erie Medical Center Sixth Annual Spring Seminar Series, Buffalo, NY

1981

Nurse Practitioner Longitudinal Study. Paper presented at Health Care: The Dollar Dilemma Conference and Other Political, Economic and Clinical Issues for Primary Care. Continuing Nurse and Medical Education and Nurse Practitioner Association of Western New York, Buffalo, NY

1984

The Relationship Between Parity and Ectopic Pregnancy in a Norwegian Population. Paper presented at UNYSOEG Spring Meeting, Toronto, Canada

1986

Methodology to Assess the Reliability of Vital Certificate Data. Paper and poster presented at the 14th International Cancer Congress, Budapest, Hungary

Infant Birth Characteristics and the Risk of Sudden Infant Death Syndrome (SIDS) in Upstate New York. Paper presented at 114th Annual Meeting, American Public Health Association, Las Vegas, Nevada

1987

Intrauterine Growth Retardation and Risk of Sudden Infant Death Syndrome. Paper presented at the Society for Epidemiologic Research, Amherst, MA

Dose-Response Relations in Exposure to Human Teratogens: The Importance of Timing. Paper presented at the Society for Epidemiologic Research, Amherst, Massachusetts

SIDS: An Historical Perspective. Paper presented at the New York Academy of Science, New York City, New York

Assessment of In Utero Hypoxia and Risk of Sudden Infant Death Syndrome. Paper presented at the 115th Annual Meeting, American Public Health Association, New Orleans, Louisiana

Timing of Prenatal Care and Risk of Sudden Infant Death Syndrome. Poster displayed at the 115th Annual Meeting, American Public Health Association, New Orleans, Louisiana

1988

Birth Asphyxia, Fetal Distress and Risk of SIDS. Paper presented at Joint Session American Pediatric Society/Society for Pediatric Research/American Pediatric Association, Annual Meeting, Washington, D.C

Risk Factors for SIDS. Poster displayed at the Society for Epidemiologic Research, Vancouver, British Columbia

1989

Incidence of Neurodevelopmental Impairments in a Cohort of Premature Infants Enrolled in a Randomized Clinical Trial of Calf Lung Surfactant Extract: Five-Year Follow-up. Poster displayed at the Society for Pediatric Epidemiologic Research, Birmingham, Alabama

Labor and Delivery Events and Risk of Sudden Infant Death Syndrome. Paper presented at the Society for Pediatric Epidemiologic Research, Birmingham, Alabama

Labor and Delivery Events and Risk of Sudden Infant Death Syndrome. Poster displayed at the Society for Epidemiologic Research, Birmingham, Alabama

1991

Risk Factors for Major Neurodevelopmental Impairments in a Cohort of Survivors of Extreme Prematurity. Poster displayed at the Fourth Annual Society for Pediatric Epidemiologic Research, Buffalo, New York

Native American Births in Upstate New York, 1980-86: Comparisons to White, Black and Other Race Births. Poster displayed at the Fourth Annual Society for Pediatric Research, Buffalo, New York

Risk Factors for Cerebral Palsy and Mental Retardation. Poster displayed at the 24th Annual Meeting of the Society for Epidemiologic Research, Buffalo, New York

1992

Racial Variation in Spontaneous Fetal Deaths (≥ 20 weeks) in Upstate New York, 1980-86. Poster displayed at the fifth annual meeting of the Society for Pediatric Research, Minneapolis, Minnesota

Racial Variation in Spontaneous Fetal Loss. Paper presented at the American Public Health Association, Washington, D.C.

Follow-up of a Cohort of Women Surgically Treated for Endometriosis: Health and Fertility Outcomes. Poster displayed at the American Fertility Society, New Orleans, Louisiana

1993

Role of Cystic Periventricular Leukomalacia in Predicting Cerebral Palsy Typology. Poster displayed at the 6th annual meeting of the Society for Pediatric Research, Keystone, Colorado

Consumption of Polychlorinated Biphenyl Contaminated Fish From Lake Ontario and Birthweight. Poster displayed at the 6th annual meeting of the Society for Pediatric Research, Keystone, Colorado

Perinatal Exposure to Dioxin-Like Compounds. Paper presented at the International Workshop at the University of California at Berkeley, Berkeley, California

PCB Contaminated Fish Consumption and Birth Weight. Paper presented at the International Society for Environmental Epidemiology, Stockholm, Sweden

1994

Update and Review of the Historical Origins of Sudden Infant Death Syndrome. Paper presented at the Association of Women's Health, Obstetric, and Neonatal Nurses, Buffalo, New York

1995

Resolved and Unresolved Infecundity and Consumption of PCB-Contaminated Fresh Water Fish. Poster presented at 8th Annual Meeting of the Society for Pediatric Epidemiologic Research, Snowbird, Utah

Consumption of PCB-Contaminated Fresh Water Fish and Risk of Delayed Conception. Poster presented at the Annual Conference of the International Society for Environmental Epidemiology, Noordwijkerhout, The Netherlands

Application of Biomarkers in Assessing Female Fecundity and Fertility. Symposium paper presentation, American College of Epidemiology, St. Louis, Missouri

1996

Consumption of Contaminated Fish and Time-To-Pregnancy, New York State Angler Cohort. Paper presented at the 8th Annual Meeting of the International Society for Environmental Epidemiology, Edmonton, Alberta

1997

Prospective Pregnancy Study: New York State Angler Cohort. Poster presentation, Great Lakes/St. Lawrence Health Conference '97. Montreal, Quebec, Canada

Paternal Lake Ontario Fish Consumption and Risk of Conception Delay: New York State Angler Cohort. Symposium paper presentation, Great Lakes/St. Lawrence Health Conference '97. Montreal, Quebec, Canada

1998

Does Paternal Consumption of Contaminated Sport Fish From Lake Ontario Alter Fertility? Paper presented at 10th Annual Meeting of the International Society for Environmental Epidemiology, Boston, Massachusetts

Parental Consumption of Contaminated Lake Ontario Fish and Reduced Fecundability. Paper presented at 10th Annual Meeting of the International Society for Environmental Epidemiology, Boston, Massachusetts

1999

Perinatal Factors and Risk for Neuroblastoma. Poster Presentation. 12th Annual Meeting of the Society for Pediatric and Perinatal Research. Baltimore, Maryland

2000

Promising Methods for Designing, Collecting, Managing and Analyzing Data for Reproductive and Development Epidemiology. Paper presented at the International Society for Environmental Epidemiology, Buffalo, New York

Web Based Technologies and Epidemiologic Research. Paper presented at the Reproductive Sciences Branch, NICHD, Bethesda, Maryland

2001

Web-Based Data Capture and Management in Epidemiologic Investigations. Paper presented at the 14th International Electrical Engineering Symposium on Computer-Based Medical Systems. National Library of Medicine. Bethesda, Maryland

Environmental Pollutants and Menstrual Cycle Length. Paper presented at the 13th Annual Meeting of International Society for Environmental Epidemiology, Garmisch-Partenkirchen, Germany

2002

Concentrations of Heavy Metals and Female Fecundity, New York State Angler Prospective Pregnancy Study. Poster Presentation at the 14th Annual Meeting of International Society for Environmental Epidemiology, Vancouver, British Columbia

Maternal Consumption of Contaminated Sport Fish and Infant Gestation and Birth Size, New York State Angler Prospective Pregnancy Study. Poster Presentation at the 14th Annual Meeting of International Society for Environmental Epidemiology, Vancouver, British Columbia

2003

Environmental PCB and Pesticide Exposure and Risk of Endometriosis. Paper presented at the American Epidemiological Society, Atlanta, Georgia

Estrogenic and Anti-Estrogenic PCBs and Endometriosis. Paper presented at the International Society for Environmental Epidemiology. Perth, Australia

2005

PCBs and Female Fecundity. Poster presented at the 3rd Copenhagen Workshop on Environment, Reproductive Health & Fertility, Rigshospitalet Copenhagen University Hospital, Copenhagen, Denmark

Persistent Environmental Chemicals and Female Fecundity. Poster presented at the 12th World Congress on Human Reproduction. Venice, Italy

2009

Stress and Female Fecundity. Poster presented at the Third International IVI Congress - Reproductive Medicine and Beyond. Madrid, Spain

Stress and Time to Pregnancy. Paper presented at the Society for Pediatric & Perinatal Epidemiology. Anaheim, California

2010

Designing Population-Based Cohorts. Paper presented at the First European Congress on Preconception Care and Health. Brussels, Belgium.

Women's Lifestyle Behaviors during the Periconception Window: Evidence Supporting Need for Preconception Guidance. Paper presented at the First European Congress on Preconception Care and Health. Brussels, Belgium.

Polychlorinated biphenyls and semen quality – LIFE Study. American Society for Reproductive Medicine. Denver, Colorado.

Preconception Recruitment of Couples Desiring Pregnancy: Case for the Exposome. American Society for Reproductive Medicine. Denver, Colorado.

2011

Persistent Organic Pollutants and Endometriosis : Importance of Biologic Media. World Congress on Endometriosis. Montpellier, France.

Perfluorinated Chemicals and Semen Quality, the LIFE Study. International Society for Environmental Epidemiology. Barcelona, Spain

Heavy Metals and Couple Fecundity, the LIFE Study. International Society for Environmental Epidemiology. Barcelona, Spain

Persistent Organic Pollutants and Endometriosis: Importance of Biologic Media for Defining Exposure, The ENDO Study. International Society for Environmental Epidemiology, Barcelona, Spain

2012

Persistent Environmental Pollutants and Couple Fecundity, LIFE Study, 2005-2009. International Society for Environmental Epidemiology, Columbia, South Carolina, August 27, 2012.

2013

Urinary Concentrations of Bisphenol A and Phthalates and Endometriosis, the ENDO Study. Environmental Health Conference 2013. Boston, MA, March 5, 2013.

Bisphenol A and Couple Fecundity, the LIFE study. Environmental Health Conference 2013. Boston, MA, March 5-6, 2013.

Bisphenol A, Phthalates and Couple Fecundity. American Society for Reproductive Medicine. Boston, MA. October 14, 2013. [Presented by Michael Bloom during to government closure.]

2014

Urinary Concentrations of Benzophenone-Type UV Filters and Couple Fecundity. International Society for Environmental Epidemiology. Seattle, WA, August 25, 2014.

UV-Filters and Time-to-Pregnancy. American Society for Reproductive Medicine. Honolulu, Hawaii, October 20, 2014.

UV-Filters and Semen Quality. American Society for Reproductive Medicine. Honolulu, Hawaii, October 20, 2014.

2015

Lifestyle and pregnancy loss among women using home pregnancy test kits, LIFE Study. American Society for Reproductive Medicine. Baltimore, Maryland, October 20, 2015.

2016

Exposome of normal pregnancy: proof-of-concept. Congress of Epidemiology, Miami, Florida, June 22, 2016.

MENTORING & ACADEMIC GUIDANCE

Academic Advisor – University at Buffalo

| | |
|------------|---|
| 1988-1998 | Thomas Obst, doctoral student |
| 1989-1993 | James Shelton, master's student |
| 1989-1998 | Paula Rosenbaum, doctoral student |
| 1991-1993 | Pauline Mendola, doctoral student |
| 1991-1999 | Leslie Brailsford, doctoral student |
| 1992-1994 | Alma Mia Alfonso-Garcia, master's student |
| 1993-1995 | Evelyn McCarley, master's student |
| 1993-1996 | James Shelton, doctoral student |
| 1994-1998 | Eileen Healy, master's student |
| 1994-2000 | Chatali Ghosh, doctoral student |
| 1994-1999 | Laurene Tumiel, doctoral student |
| 1994-2002 | Danelle Lobdell, doctoral student |
| 1995-2000 | Kimberly Perez, doctoral student |
| 1995-1997 | Judith Gendler, master's student |
| 1996-1997 | Joanne Bond, master's student |
| 1996-1997 | Jay Newman, master's student |
| 1997-1998 | Bridgett McGuinness, master's student |
| 1997- 2000 | Jean Jurek, master's student |
| 1998-1999 | Donna Pillittere, master's student |
| 1999 | Juireith Mudie, master's student |
| 2000 | Marisa Prosser, master's student |
| 1999-2004 | Chao Ju Chen, doctoral student |
| 1999-2000 | Julie Baker, master's student |
| 2000 | Margie Muniak, master's student |

Thesis & Dissertation Advisor – University at Buffalo

| | |
|-----------|---|
| 1989 | Pamela Khurana, M.D., M.S. Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Member Thesis: Effects of Asphyxia on Newborns |
| 1988-1989 | Lucinda R. Kahler, R.N., M.S. Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Member Thesis: Determinants of Participation and Identification of Barriers |

for Pregnant Women in the Special Supplemental Food Program for Women, Infants, and Children in Erie County

- 1989-1990 Pauline Mendola, M.S.
Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Member
Thesis: An Assessment of Knowledge and Behavior in a New York City American Indian Community With Regard to Risk Factors for Developmental Disabilities
- 1989-1990 Christina Chih-Chun Wan, M.S.
Master's Thesis, Roswell Park Cancer Institute, SUNY at Buffalo. Committee Chair
Thesis: The Epidemiology of Extreme Prematurity
- 1990 Martha Jean Kemsley, R.N., Ph.D.
Doctoral Dissertation, Sociology, SUNY at Buffalo. Committee Member
Dissertation: Maternal Psychosocial Factors, Maternal Preventive Health Practices and Child Care Arrangements as Predictors of the Health of Young Children
- 1991-1995 Sameera Raza, M.S.
Master's Thesis, Natural Sciences, Roswell Park Cancer Institute, SUNY at Buffalo. Committee Chair
Thesis: The Role of Maternal Weight Gain and Hypertension During Pregnancy in Relation to SIDS
- 1992-1994 Pauline Mendola, Ph.D.
Doctoral Dissertation, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Chair
Dissertation: Spontaneous Fetal Death Prior to Live Birth in Relation to Fish Consumption and PCB Exposure, New York State Angler Study

Student Prize Paper Recipient, Society for Pediatric Epidemiologic Research, June 15, 1994, Miami Beach, Florida

Student Prize Paper Recipient, American College of Epidemiology, September 12, 1994, Arlington, Virginia
- 1993-1995 Danelle Lobdell, M.S.
Master's Thesis, Natural Sciences, Roswell Park Cancer Institute, SUNY at Buffalo. Committee Chair
Thesis: Elderly Primigravidas in Upstate New York, 1988

Student Prize Paper Recipient, New York State Public Health Association, 1997 Selected for Graduate Research Ethics Education Initiative. Association for Practical and Professional Ethics. Bloomington, Indiana, June 7-11, 2000.
- 1993-1995 Laurene Tumiel, M.S.
Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Chair
Thesis: Antenatal Characteristics of Hispanic Mothers and Fathers

Best Poster by a Resident or Student, North American Primary Care Research Group, Texas Academy of Family Physicians Research Committee, November 9-11, 1995, Houston, TX.

- 1994-1995 Sanda Yu, MD, M.S.
Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Chair
Thesis: Efficiency of Oral Feeding at 35 Weeks Gestation and Risk of Developmental Disabilities
- 1990-1996 Linda H. Snell, R.N., M.S.N., D.N.S.
Doctoral Dissertation, School of Nursing, SUNY at Buffalo. Committee Member
Dissertation: Epidemiology and Treatment of Nausea and Vomiting in Pregnancy
- 1990-1998 Paula Rosenbaum, M.S., Ph.D.
Doctoral Dissertation, Department of Social and Preventive Medicine, SUNY at Buffalo, Committee Chair
Dissertation: Prenatal and Early Childhood Exposures as Factors in Childhood Acute Lymphoblastic Leukemia: The Western and Central New York Acute Lymphoblastic Leukemia
- 1994-1999 Thomas Obst, M.S.N., Ph.D.
Doctoral Dissertation, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Chair
Dissertation: Determinants of Obstetrical Anesthesia Care Among Women With Vaginally Delivered, Singleton, Liveborn Infants in Upstate New York
- 1996-1997 Elisha Dunn-Georgiou, M.S.
Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Chair
Thesis: Sociocultural and Gynecologic Risk Factors for Hysterectomy Among Previously Sterilized Women
- 1996-1997 Jeffrey N. Bethony, Ed.M., M.S.
Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Chair
Thesis: Epidemiology and Immunology of *Necator Americanus* and *Ancylostoma daudenale* in Rural Thailand: The Role of Acquired Immunity in Determining Infection Intensity
- 1996-1997 Jacqueline Christman, M.D., M.S. (Preventive Medicine Resident)
Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo Preventive Medicine Residency. Committee Chair
Thesis: Peritoneal Pockets in Women with Endometriosis and Their Relation to Health and Fertility Status
- 1996-1997 Joanne Bond, M.S.
Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Chair
Thesis: Determining the Types of Information Obtainable from Three Methods of Preparing Scientific Literature Reviews
- 1996-2000 Leslie Brailsford, M.S., Ph.D.

- Doctoral Dissertation, Department of Social and Preventive Medicine, University at Buffalo, State of New York. Committee Chair
Dissertation: Risk Factors for Male Infertility, NYS Angler Cohort Study
- 1997-2000 Laurene Tumiel, M.S., Ph.D.
Doctoral Dissertation, Department of Social and Preventive Medicine, S University at Buffalo, State of New York. Committee Chair
Dissertation: A Case-Control Study of Intrauterine Growth Retardation Among SIDS Infants and Their Siblings
- 1997-2001 Danelle Lobdell, M.S., Ph.D.
Doctoral Dissertation, Department of Social and Preventive Medicine, University at Buffalo, State of New York Buffalo. Committee Chair
Dissertation: Conception Delay and Pregnancy Outcome
- Selected for the Society for Epidemiologic Research's Student Workshop Forum. Seattle, Washington, 2000.*
- Selected for Graduate Research, Ethics Education. Association for Practical and Professional Ethics. Indiana University, June 2000-2001.*
- Student Prize Paper Recipient, Society for Pediatric Epidemiologic Research, June 18, 2002, Palm Desert, California*
- Saxon Graham Dissertation Research Award, Department of Social & Preventive Medicine, School of Medicine & Biomedical Sciences, University at Buffalo, 2002.*
- Dean's Award for Outstanding Dissertation Research, School of Medicine & Biomedical Sciences, University at Buffalo, 2002.*
- 1997-1998 Bridget McGuinness, M.S.
Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Chair
Thesis: A Methodological Examination of the Relationship between Oral Contraceptives and Twin Pregnancy in the National Survey of Family Growth
- 1997-2000 Chatali Ghosh, M.S., Ph.D.
Doctoral Dissertation, Department of Social and Preventive Medicine, University at Buffalo. Committee Chair
Dissertation: Follicular Response and Pregnancy among Women Undergoing Ovulation Induction and Intrauterine Insemination
- 1997-2000 Jean Jurek, M.S.
Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Chair
Thesis: Multiple Variable Analysis of Birth Certificate Data Quality in New York State Using Hospital Medical Records and the Influence of birth Year on Data Quality
- 1997-2000 Eileen Healy, M.S.
Master's Thesis, Department of Social and Preventive Medicine, SUNY at Buffalo. Committee Member
Thesis: Association between PCB-Contaminated Sport Fish Consumption during Pregnancy and Neonatal Jaundice
- 1997-2000 Jeffrey Bethony, Ph.D.
Doctoral Dissertation, Department of Social and Preventive Medicine, SUNY at

Buffalo. Committee Member
Dissertation: Genetic Epidemiology of the *Schistosoma Mansonii*
Infection in a Rural Area of Brazil

- 1999-2000 Michael Bloom, MS
Master's Thesis, Department of Social and Preventive Medicine, University at Buffalo. Committee Member
Thesis: Burden of Polychlorinated Biphenyls and Pesticides in Anglers from 16 counties Adjacent to Lakes Erie and Ontario.
- 1999-2000 Julie Baker, MS
Master's Thesis, Department of Social and Preventive Medicine, University at Buffalo. Committee Chair
Thesis: Fertility in Men Before Diagnosis of Testicular Cancer, The Upstate Male Health Study.
- 1999-2004 Chao-Ju Chen, MS, PhD
Doctoral Candidate, Department of Social and Preventive Medicine, University at Buffalo. Committee Chair (through 2000)
Dissertation: Reproductive Risk Factors and Ovarian Cancer. Are Controls Really Controls?
- 2000-2001 Margie Muniak, MS
Master's Thesis, Department of Social & Preventive Medicine, University at Buffalo. Committee Member.
Thesis: Risk Factors for Endometriosis in Prevalent versus Incident Cases in a Buffalo Cohort.
- 2001-2003 Mark Travers, MS
Master's Candidate, Department of Social & Preventive Medicine, University at Buffalo. Committee Member.
Thesis: Sex Ratio - Effect of Environmental Toxicants?

Summer Research Mentor: Undergraduate Medical Students, University at Buffalo

- 1992 Kate L. Guernsey and Thomas A. Owen. *Developmental Outcomes of Preterm Infants with Cystic Periventricular Leukomalacia*

Awarded second place for poster presentation at the 12th Annual Student Research Forum, SUNY at Buffalo, School of Medicine and Biomedical Sciences, December 1992
- 1992 Steven Finklestein. *J &N Adam Medical Tolerance Study*
- 1992 Jennifer C. Wargula and Brian Brett. *Medical Implications for Dually Diagnosed Residents of West Seneca Developmental Center*
- 1993 Kathryn McVicar and Alex Momspoint. *The Health FIM - A Feasibility Study*

Awarded first place for poster presentation at the 13th Annual Student Research Forum, SUNY at Buffalo, School of Medicine and Biomedical Sciences & Awarded Runner Up, National Student Research Forum, May 1994, Galveston, Texas
- 1993 Karen Dull. *Food Refusal in Adults with Severe Multiple Developmental Disabilities*
- 1993 Kalaya N. O'Kerke. *Aspiration Risk and Maturation in Children with Dysphagia*

- 1993 Kate L. Guernsey and Thomas A. Owens. *Developmental Outcomes of Preterm Infants with Grade III and IV Intraventricular Hemorrhage*
- 1994 Rachna Gupta. *The Prevalence of Premenstrual Syndrome in a Select Sample of Indian Women*
Awarded third place for poster presentation at the 13th Annual Student Research Forum, SUNY at Buffalo, School of Medicine and Biomedical Sciences, December 8, 1994 and Awarded Runner Up, National Student Research Forum, April 1995, Galveston, Texas
- 1994 Adrienne Deyo. *Neurodevelopmental Outcome of Children with a Single Ventricle Heart Anomaly*
- 1994 Ronica Dua. *Oral Feeding Efficiency and Neurologic Status of Preterm Infants at 35 Weeks Postmenstrual Age*
Awarded second place for poster presentation at the 13th Annual Student Research Forum, SUNY at Buffalo, School of Medicine and Biomedical Sciences, December 8, 1994
- 1994 Dori R. Marshall, Indrani Sinha and Susan Szimonisz. *Infant Mortality in Upstate New York: A Rural/Urban Comparison*
- 1994 James Murray, *Validation of a Functional Independence Measure in Preschool Children Attending Early Intervention*
- 1995 Melissa Azaula. *Measuring Functional Independence in Children With Cerebral Palsy*
- 1996 Crystal Dyer, NHLBI Summer Research Program. *Extreme Prematurity and Risk of Adverse Health and School Outcomes*
- 1997 Rachna Gupta, National Cancer Institute Medical School Research Apprenticeship. *Premenstrual Syndrome among Indian Women*
- 1998 Joanne V. Davson, NHLBI Summer Research Program; Children's Hospital of Buffalo. *Developmental Outcomes of Infants Diagnosed With Persistent Pulmonary Hypertension of Newborns*
- 1998 Heather Ripstein; Guild Summer Student; Children's Hospital of Buffalo. *WeeFIM in At-Risk Pediatric Populations*

Summer Interns – High School Students

- 1996 Delia Dianna Cadle, National Institutes of Health High School Research Apprenticeship, Roswell Park Cancer Institute. *Maternal Consumption of Fish from Lake Ontario and Neurodevelopmental Status of Offspring*

MENTORING - National Institutes of Health

Summer Interns

- 2001 Patricia Grace Tee, MPH, University of Texas @ Houston School of Public Health
Evaluation of Gestation and Birth Size in Relation to Consumption of Sport-Caught Fish in the New York State Angler Cohort
- 2001 Adam K. Hamm, Medical College of Virginia
Do Concentrations of Heavy Metals Affect Female Fecundity?
- 2002 Mark Travers, MS, University of Buffalo, Department of Social & Preventive Medicine

Paternal Consumption of Sport Fish from Lake Ontario and Secondary Sex Ratios

- 2003 Julie Baker, MS, University of Buffalo School of Medicine & Biomedical Sciences
Long Term Follow-up of Study Participants with Minimal Contact Information
- 2003 Renee Ferrari, MPH, University of North Carolina @ Chapel Hill School of Public Health
Twinning and Female Fecundability
- 2003 Heather Lyons, MPH, University of Texas @ Houston School of Public Health
Body Shape and Risk of Endometriosis
- 2004 Maureen Hoover, MPH, George Washington University School of Public Health
Conception Delay and Risk of Preterm Delivery and Low Birth Weight
- 2004 Renee Ferrari, MPH, University of North Carolina @ Chapel Hill School of Public Health
Twinning and Female Fecundability
- 2005 Kira Taylor, MPH, Emory University School of Public Health
PCBs and Secondary Sex Ratio (Co-mentored with Dr. Leila Jackson)
- 2005 Jeremy Rassen, MPH, Harvard University School of Public Health
Women's Behaviors over the Course of Attempting Pregnancy (Co-mentored with Dr. Courtney Lynch)
- 2006 Rebecca Stevens, Walt Whitman High School
Legal Requirements for ART Medical Coverage for US States (Co-mentored with Mary Hediger)
- 2006 Josefa Penna, University of Texas Rural School of Public Health
Intrauterine Exposures and Risk of Endometriosis (Co-mentored with Mary Hediger)
- 2007 Aisha Siebert, MPH, Columbia University School of Public Health
Comparison of Persistent Organochlorine Exposures in Maternal Serum and Breast Milk in the Postnatal Period (Co-mentored with Courtney Lynch, Staff Scientist)
- 2008 Anna Pollack, MPH, Johns Hopkins School of Public Health
Caffeinated Beverage Consumption and Risk of hCG Pregnancy Loss
- 2010 Naomi Nemoto, MPH, School of Public Health, Tulane University
Organochlorine Pesticides and Female Fecundity
(Co-mentored with Maureen Cooney, IRTA Postdoctoral Fellow)
- 2010 Lisbeth Inglesias-Rios, MPH Candidate, School of Public Health, New Mexico
Polychlorinated biphenyls and menstruation
(Co-mentored with Maureen Cooney, IRTA Postdoctoral Fellow)

Extramural Advisee

- 2002 Maureen A. Hoover. MPH Candidate – Epidemiology. The George Washington University, School of Public Health. *Association of Conception Delay & Adverse Infant Outcomes*
- 2013-2014 Alexandra Goldstone. MPH Candidate – Environmental and Occupational Health. The George Washington University School of Public Health. *Urinary Bisphenol A and Semen Quality*. Capstone Project

External Dissertation Reader

- 2014 Maria del Pilar Vélez Gómez. Doctoral Candidate. Département de médecine sociale et préventive, Faculté de Médecine, Université de Montréal

External Dissertation Committee Member

- 2013-2016 Katherine J. Sapra, Epidemiology Department, Mailman School of Public Health, Columbia University. *Natural History of Pregnancy Loss*
- 2015- Frances Branch, Department of Environmental and Occupational Health, Milken Institute of Public Health, George Washington University. *Metals and Trace Elements and Semen Quality*
- 2016- Linda Kahn, Epidemiology Department, Mailman School of Public Health, Columbia University

Intramural Research Training Award (IRTA) Fellows

- 2003-2005 Leila W. Jackson, PhD. Postdoctoral IRTA Fellow (co-mentoring with Dr. Enrique Schisterman)
- 2003-2004 Courtney D-J Lynch, PhD. Postdoctoral IRTA Fellow
- 2004-2006 Brian Whitcomb. Predoctoral IRTA Fellow (co-mentoring with Dr. Enrique Schisterman)
 - *Poster Award Recipient, Society for Pediatric & Perinatal Epidemiologic Research, 2004*
- 2005-2009 Maureen A. Cooney, MPH. Predoctoral IRTA Fellow
- 2006-2007 Alexis Handal, PhD, MPH. Postdoctoral IRTA Fellow
- 2007-2009 Anca Dragomir, PhD. Postdoctoral IRTA Fellow
- 2009-2010 Maureen A. Cooney, PhD, MPH, Postdoctoral IRTA Fellow
- 2011-2012 Marie E. Thoma, PhD, MS, Postdoctoral IRTA Fellow (co-mentoring with Dr. Mary Hediger)
- 2013-2016 Katherine Sapra, Predoctoral IRTA Fellow (co-mentoring with Dr. Rajeshwari Sundaram)
 - *2014 SER Student Dissertation Workshop*
 - *2014 American College of Epidemiology's Student Prize Paper Award*
 - *2014 Prize Paper, American Society for Reproductive Medicine*
- 2016 Katherine Sapra, Postdoctoral IRTA Fellow
- 2014-present Melissa Smarr, Postdoctoral IRTA Fellow (co-mentoring with Dr. Laughon Grantz)

U.S. Department of State

American Fellows Program, U.S Department of State

2009 Dr. Roberto Augilla

Korean VISTA Fellowship Program

2013-2015 Dr. Ji (Iris) Suk Bae

NIH Graduate Partnership Program

2013-2014 Uba Backonja, Predoctoral Fellow, Funded by the National Institute of Nursing Research, NIH

- *2014 Nursing Education Scholar Award*

NIH Clinical Mentoring

Reproductive Endocrinology Fellows, Division of Intramural Research, NICHD

2011-2012 Dr. Rebecca Chason - stress and pregnancy outcomes (sex ratios and pregnancy loss)

2011-2012 Dr. Erin Wolff - intrauterine exposures and endometriosis

Howard Hughes Scholar

2004 Tara Collins, Howard Hughes Scholar. *Low Dose Aspirin and Pregnancy Loss*. Emory University Medical School and Rollins School of Public Health

Medical Scholars Research Program (Faculty Mentor)

2012-2014 Ryan Ellis

2014-2015 Rebecca Sorber

2015-2016 Jason Alvarez

2016- Oyetewa B. Oyerinde