C U R R I C U L U M V I T A E

James M. Tielsch

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# PERSONAL DATA

***Name:*** James Mack Tielsch

***Office:*** Department of Global Health

Milken Institute School of Public Health

 George Washington University

950 New Hampshire Ave. NW, Suite 400

 Washington D.C. 20052

Phone: (202) 994-4124

E-mail: jtielsch@gwu.edu

***Residence:*** 9200 Hinton Ave.

 Sparrows Point, Maryland 21219

 (443) 242-6566

 Mobile: (410) 925-1972

# EDUCATION AND TRAINING

***B.S.*** 1973, University of Washington,

Seattle, Washington

Cell and Molecular Biology

***M.H.Sc.*** 1979, Johns Hopkins University,

School of Hygiene and Public Health,

Baltimore, Maryland

 Epidemiology

***Ph.D.*** 1982, Johns Hopkins University,

School of Hygiene and Public Health,

 Baltimore, Maryland

 Epidemiology

# PROFESSIONAL EMPLOYMENT

## Current Positions:

Professor and Chair (2013-present)

 Department of Global Health

 Milken Institute School of Public Health

George Washington University

Director (2013-present)

Center for Global Health Science and Policy

George Washington University

Adjunct Professor (2013 – present)

Department of International Health

Bloomberg School of Public Health

Johns Hopkins University

## Previous Positions:

Professor (1996-2013)

Associate Chair for Academic Programs (2002 -2013)

Department of International Health

Bloomberg School of Public Health

Johns Hopkins University

Joint Appointments:

* Department of Epidemiology, School of Public Health, 1983 - 2013.
* Department of Ophthalmology, School of Medicine, 1994 - 2013.
* Public Health Studies Program, Krieger School of Arts and Sciences, 2007 - 2013.
* Department of International Health, School of Public Health, 1991 - 1994.

Center Appointments:

* Dana Center for Preventive Ophthalmology, Schools of Medicine and Public Health, 1982 - 2013.
* Johns Hopkins Center on the Demography of Aging, School of Public Health, 1994 - 2000.
* Johns Hopkins Center for Clinical Trials, Schools of Public Health and Medicine, 1994 - 2013.
* Johns Hopkins Center for Human Nutrition, Schools of Public Health and Medicine, 1998 - 2013.
* Johns Hopkins University Division of Health Sciences Informatics Educational Programs Advisory Board, 2005 – 2007.
* International Center for Advancing Neonatal Health, Schools of Public Health and Medicine, 2005 – 2013.

Associate Professor

Department of International Health

School of Hygiene and Public Health

Johns Hopkins University 1994 - 1996

Associate Professor

Department of Ophthalmology

School of Medicine

Johns Hopkins University 1990 - 1994

Assistant Professor

Department of Ophthalmology

School of Medicine

Johns Hopkins University 1983 - 1990

Instructor

Department of Ophthalmology

School of Medicine

Johns Hopkins University 1982 - 1983

Research Assistant

Department of Epidemiology

School of Hygiene and Public Health

Johns Hopkins University 1978 - 1982

Project Analyst - Epidemiologist

Epidemiologic Studies Branch

Bureau of Radiological Health

U.S. Food and Drug Administration 1978 - 1979

Health Educator

Office of Cancer Communications

Los Angeles County - University of

Southern California Comprehensive

Cancer Center 1976 - 1977

STD Investigator

Board of Health

City of Chicago, Illinois 1976

Tuberculosis Control Officer - Peace Corps Volunteer, U.S. Peace Corps – Korea,

1973 - 1975

# HONORS AND AWARDS

Delta Omega (Public Health Honorary Society), 1982.

Distinguished Service Award, Prevent Blindness America, 1994.

Visiting Research Professor, Department of Ophthalmology-Kellogg Eye Institute, University of Michigan, April, 1994.

Honor Award, American Academy of Ophthalmology, 1997.

Visiting Professor, Department of Ophthalmology-Scheie Eye Institute, University of Pennsylvania, March, 2001.

F. Park Lewis, MD Lifetime Achievement Award, Prevent Blindness America, 2002.

Person of Vision Award, Prevent Blindness America, 2008.

Finalist for Research Paper of the Year, BMJ Group Awards, 2009.

Silver Fellow, Association for Research in Vision and Ophthalmology, 2010.

Award for Outstanding Contributions to Epidemiology, American College of Epidemiology, 2012.

Knowledge for the World Award, Johns Hopkins University, 2013.

Society of Scholars, Johns Hopkins University, 2019.

## Named Lectureships

*Blindness prevention in the inner city: Beyond health care reform.* 1st Annual Roger P. Mason Memorial Lecture, National Medical Association, San Antonio, Texas, August, 1993.

# GRANTS AWARDED OR PENDING

**Title:** Prioritization of Modifiable Risk Factors for Adverse Pregnancy Outcomes and Neonatal Mortality in Rural Nepal

**Dates:** 8/22/2018 – 7/31/2021

**Sponsoring Agency:** NIH/NICHD (R01HD092411)

**Principal Investigator and Funding Level:** Joanne Katz (Johns Hopkins University): $822,161

**Objective:** To assess risk factors for adverse pregnancy outcomes in rural Nepal.

**Role:** Co-Investigator

**Title:**  Testing the Efficacy of a Designed Nutritious food supplement for Pregnancy on SGA, PTB, and LBW in South Asia (Nepal)

**Dates:** 10/2017 – 09/2022

**Sponsoring Agency:** Bill and Melinda Gates Foundation (OPP1159195)

**Principal Investigator and Funding Level:** James Tielsch, Ph.D.: $4,987,752

**Objective:** To evaluate the impact of a nutritional supplement during pregnancy and lactation on birth outcomes and early infant growth in southern Nepal.

**Role:** Principal Investigator

# GRANTS CONCLUDED

**Title:** Environmental Enteropathy in Zimbabwe

 **Dates:** 10/10 – 10/18

**Sponsoring Agency:** Bill and Melinda Gates Foundation (OPP1021542)

**Principal Investigator and Funding Level:** Jean Humphrey, Dr. P.H.: $16,606,421

**Objective:** To evaluate the impact of an independent and combined strategy of improved sanitation and hygiene with nutritional supplementation to improve growth and reduce anemia of young children in Zimbabwe.

**Role:** Co-Investigator

**Title:** Impact of Sunflower Oil Massage on Neonatal Mortality in Nepal

**Dates:** 9/10/09 – 12/31/2017

**Sponsoring Agency:** National Institute of Child Health and Human Development, NIH (R01 HD060712) & Bill and Melinda Gates Foundation

**Principal Investigator and Funding Level:** Luke C. Mullany, Ph.D. $7,759,368

**Objective:** To evaluate the impact of sunflower oil versus mustard oil for newborn massage on neonatal mortality.

**Role:** Co- Investigator

**Title:** Field Trials of Maternal Influenza Immunization in Asia and Africa: Mother’s Gift Trials

**Dates:** 12/1/08 - 6/30/17

**Sponsoring Agency:** Subcontract from Cincinnati Children's Medical Center, via Bill and Melinda Gates Foundation (50274)

**Principal Investigator and Funding Level:** Mark Steinhoff (CCMC) & James Tielsch (JHU) $3,685,991

**Objective:** To evaluate the impact of maternal influenza immunization during pregnancy on maternal and infant morbidity through 6 months of age: trials in South Asia and Sub-Saharan Africa.

**Role:** Co- Principal Investigator

**Title:** Nepal Cookstove Intervention Trial

 **Dates:** 10/12 – 12/15

**Sponsoring Agency:** Global Alliance for Clean Cookstoves – UN Foundation

**Principal Investigator and Funding Level:** James Tielsch: $391,093

**Objective:** To evaluate the impact of lowing indoor air pollution through installation of LPG stoves versus improved biomass stoves on respiratory illness in young children in rural Nepal.

**Role:** Principal Investigator

**Title:** Impact of Reducing Carbon Monoxide Exposure from Use of Biomass Fuel Sources in the Home on Prematurity and Intrauterine Growth Restriction in Rural Southern Nepal: The Nepal Cookstove Intervention Trial

**Dates:** 12/09 - 05/15

**Sponsoring Agency:** Thrasher Research Foundation

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $445,266

**Objective:** To support a community-based trial of cookstove replacement in Nepal on carbon monoxide exposure in the home and carboxyhemoglobin concentration in the blood of pregnant women and its impact on low birthweight, preterm birth and IUGR.

**Role:** Principal Investigator

**Title:** Cookstove Replacement for Prevention of ALRI and Low Birthweight in Nepal

**Dates:** 9/17/08 – 5/31/15

**Sponsoring Agency:** National Institute of Environmental Health Sciences, NIH (R01 ES015558)

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $4,212,703

**Objective:** Assess the impact of indoor smoke reduction achieved through installation of a new, improved cookstove for ALRI and low birthweight reduction in rural Nepal.

**Role:** Principal Investigator

**Title:** Improving Community-Based Diagnosis of Acute Lower Respiratory Illness

 **Dates:** 10/10 - 10/14

**Sponsoring Agency:** Bill and Melinda Gates Foundation (OPP1017682)

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $498,333

**Objective:** To evaluate the impact on the sensitivity and specificity of pneumonia diagnosis with the inclusion of a standardized approach for collection and interpretation of chest auscultation sounds in young Nepali children.

**Role:** Principal Investigator

**Title:** Effect of Sanitation and Nutrition Intervention on HIV-Exposed Infants’ Health

**Dates:** 10/1/08 - 9/30/13

**Sponsoring Agency:** National Institute of Child Health and Human Development, NIH (R01 HD07022)

**Principal Investigator and Funding Level:** Jean Humphrey, Dr.P.H., $250,000 (Year 1)

**Objective:** The goal is to evaluate if provision of a nutrition, sanitation, and hygiene intervention would be effective as an approach to minimize HIV-exposure while also promoting growth and health in young children born to HIV-positive mothers in developing countries.

**Role:** Co-Investigator/Epidemiologist

**Title:** Administrative Supplement to Cookstove Replacement for Prevention of ALRI and Low Birthweight in Nepal

**Dates:** 07/01/09 - 06/30/11

**Sponsoring Agency:** National Institute of Environmental Health Sciences, NIH (R01 ES015558)

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $295,200

**Objective:** Support for revision of intervention for this project.

**Role:** Principal Investigator

**Title:** Minority Faculty Supplement to Cookstove Replacement for Prevention of ALRI and Low Birthweight in Nepal

**Dates:** 6/1/09 – 5/31/11

**Sponsoring Agency:** National Institute of Environmental Health Sciences, NIH (R01 ES015558)

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $383,790

**Objective:** Minority faculty support supplement for Dr. William Checkley.

**Role:** Principal Investigator

**Title:** Saving Maternal and Newborn Lives in the Context of HIV and AIDS in Zimbabwe

**Dates:** 01/01/07-12/31/11

**Sponsoring Agency:** Department for International Development, United Kingdom (AG4721)

**Principal Investigator and Funding Level:** Jean Humphrey, Dr.P.H., $339,116 (FY 2007)

**Objective:** The goal is to determine the most effective, practical method for feeding HIV exposed but negative infants at 6 months of age while preventing mother-to-child transmission of HIV in rural Zimbabwe.

**Role:** Co-Investigator/Epidemiologist

**Title:** Antenatal and Preschool Iron and Zinc supplementation and Cognition

**Dates:** 7/1/06-6/30/09

**Sponsoring Agency:** National Institute of Child Health and Human Development, NIH and the Bill and Melinda Gates Foundation

**Principal Investigator and Funding Level:** Parul Christian, Dr.P.H., $1,908,915

**Objective:** To determine the impact of antenatal and child supplementation with iron and zinc on cognitive and motor development in young children in Nepal.

**Role:** Co-Investigator

**Title:** Follow-up Health and Nutrition Survey of Participants of Micronutrient Intervention Trials in Nepal from 1989 through 2001

**Dates:** 3/1/06-4/30/08

**Sponsoring Agency:** Bill and Melinda Gates Foundation

**Principal Investigator and Funding Level:** Keith P. West, Jr., Dr.P.H., $1,188,000

**Objective:** To examine the impact of various micronutrient supplements in-utero and during early childhood on growth, nutritional status, cognition, hearing, physiologic function and early markers of chronic disease in rural Nepal.

**Role:** Co-Investigator

**Title:** Reducing Global Inequities in Burden of Disease and Disability: Framework Program for Global Health

**Dates:** 6/30/05-7/31/09

**Sponsoring Agency:** Fogarty International Center, NIH (R25 TW007506)

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $374,909

**Objective:** Develop a University-wide structure for support of research and education on global health issues.

**Role:** Principal Investigator

**Title:** Rates and risk Factors for Endophthalmitis after Cataract Surgery

**Dates:** 9/30/2005 – 9/29/2008

**Sponsoring Agency:** National Eye Institute, NIH (R01 EY016769)

**Principal Investigator and Funding Level:** Emily S. West, PhD: $1,326,259

**Objective:** Using Medicare data files identify patient and surgical risk factors for endophthalmitis in a population-based case-control study and identify factors that can be modified to lower the rate of endophthalmitis and provide information to facilitate planning for future interventional trials

**Role:** Co-Investigator

**Title:** Global Research Activity Partnership (Leader with Associate Cooperative Agreement Award)

**Dates:** 10/03 - 09/08

**Sponsoring Agency:** United States Agency for International Development (GHS-A-00-03-00019-00)

**Principal Investigator and Funding Level:** Robert E. Black, MD, MPH: $6,892,593 (FY 2003)

**Objective:** Cooperative Agreement to conduct research in support of USAID’s mission to improve the health of women and children in developing countries

**Role:** Co-Investigator

**Title:** Newborn Antiseptic Washing and Neonatal Mortality - Nepal

**Dates:** 8/1/2003 - 7/31/2007

**Sponsoring Agency:** National Institute of Child Health and Human Development, NIH (R01 HD44004)

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $1,482,239

**Objective:** To determine the efficacy of antiseptic newborn washing and umbilical cord care on reducing neonatal mortality and morbidity in Nepal

**Role:** Principal Investigator

**Title:** Baltimore Pediatric Eye Survey

**Dates:** 9/30/02 – 1/31/09

**Sponsoring Agency:** National Eye Institute, NIH (U10 EY14483)

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $6,750,540

**Objective:** To estimate the prevalence of and risk factors for pediatric eye disease in Baltimore

**Role:** Principal Investigator

**Title:** Preventing Unnecessary Blood Transfusions in Young Children and Pregnant Women in Africa

**Dates:** 4/02 – 3/07

**Sponsoring Agency:** Eugene & Mary B Mayer, Center for Advanced Transfusion Practices and Blood Research, Johns Hopkins University; The Bill and Melinda Gates Foundation

**Principal Investigator and Funding Level:** Rebecca Stoltzfus, Ph.D.: $390,000

**Objective:** To determine effectiveness of current standard of care for severe anemia in young children and pregnant women in coastal East Africa and to test alternative prevention and therapeutic approaches

**Role:** Co-Investigator

**Title:** Development of Infant Motor Skills, Articulation and Growth in Southern Nepal

**Dates:** 3/01 - 12/06

**Sponsoring Agency:** The Bill and Melinda Gates Foundation

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $574,568

**Objective:** To determine the impact of zinc and/or iron folate supplementation on cognitive and motor development and growth of children in southern Nepal.

**Role:** Principal Investigator

**Title:** Effects of Intestinal Helminth Infections in Early Childhood on Immune Response, Inflammation, Anemia and Malnutrition.

**Dates:** 3/01 - 2/05

**Sponsoring Agency:** The Wellcome Trust - Burroughs Wellcome Fund

**Principal Investigator and Funding Level:** Rebecca Stoltzfus, Ph.D.: $1,318,605

**Objective:** To determine if early acquisition of intestinal helminth infection increases the risk of anemia, protein-energy malnutrition and proinflamatory responses. To evaluate the efficacy of anthelminthic treatment in reducing this risk.

**Role:** Co-Investigator

**Title:** Zinc Supplementation Impact on Child Mortality – Nepal: Minority Investigator Supplemental Award.

**Dates:** 9/02 - 8/05

**Sponsoring Agency:** National Institute of Child Health and Human Development, NIH (R01 HD 38753-S1)

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $257,483

**Objective:** To support Dr. Christian Coles study of effect of zinc on nasopharyngeal carriage of pneumococcus.

**Role:** Principal Investigator

**Title:** Impact of Zinc and/or Iron-Folate Supplementation on Child Mortality and Morbidity in Nepal.

**Dates:** 9/00 - 8/05

**Sponsoring Agency:** National Institute of Child Health and Human Development, NIH (R01 HD 38753) and The Bill and Melinda Gates Foundation

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $5,715,841

**Objective:** To evaluate the impact of daily zinc and/or iron-folate supplementation on preschool child mortality and morbidity in an area with a successful vitamin A supplementation program.

**Role:** Principal Investigator

**Title:** Micronutrient Support Activity.

**Dates:** 10/98 - 9/2003

**Sponsoring Agency:** United States Agency for International Development.

**Principal Investigator and Funding Level:** Keith P. West, Jr., Dr.P.H.: $921,000

**Objective:** Subcontract to provide technical support to USAID’s country-level micronutrient intervention activities.

**Role:** Co-Investigator

**Title:** Baltimore Pediatric Eye Survey Pilot Study

**Dates:** 6/99 - 5/2001

**Sponsoring Agency:** National Eye Institute, NIH.

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.: $50,000.

**Objective:** To develop a field ocular examination protocol for use in a large, population-based prevalence survey of ocular disease.

**Role:** Principal Investigator

**Title:** Micronutrients for Health Cooperative Agreement.

**Dates:** 9/97 - 9/2003

**Sponsoring Agency:** United States Agency for International Development.

**Principal Investigator and Funding Level:** Keith P. West, Jr., Dr.P.H.: $21,613,189.

**Objective:** To conduct research, training and provide technical assistance for the control of micronutrient deficiencies in developing countries.

**Role:** Co-Investigator

**Title:** Vitamin A and Infant Health: A Randomized Community Trial of Newborn Vitamin A Supplementation on Infant Mortality.

**Dates:** 9/96 - 8/2001

**Sponsoring Agency:** United States Agency for International Development and the Bill and Melinda Gates Foundation.

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D. and Lakshmi Rahmathullah, M.D.: $900,000.

**Objective:** To determine the efficacy of vitamin A supplementation to newborn infants in reducing early infant mortality in south India.

**Role:** Co-Principal Investigator

**Title:** Alternative Interventions for Control of Iron Deficiency Anemia Among School Age Children in Zanzibar.

**Dates:** 9/96 - 8/98

**Sponsoring Agency:** Canadian International Development Agency.

**Principal Investigator and Funding Level:** Lorenzo Savioli, M.D.: $190,000.

**Objective:** Two projects are being done. 1) A randomized clinical trial of iron fortification of first grade children for 10 weeks to examine determine impact on iron status, growth and cognition. 2) A pilot project to determine if school-based deworming programs can be expanded to reach non-enrolled school age children.

**Role:** Co-Investigator

**Title:** Long-term Evaluation of School-Based Deworming and Anemia Technical Support.

**Dates:** 4/1/96 - 3/31/98

**Sponsoring Agency:** Edna McConnell Clark Foundation.

**Principal Investigator and Funding Level:** Rebecca J. Stoltzfus, Ph.D.: $199,988.

**Objective:** To determine the long-term impact of school-based deworming programs in Zanzibar in children’s iron status and growth.

**Role:** Co-Investigator

**Title:** The Impact of Deworming and Micronutrient Supplementation to Improve Iron Status and Growth of Preschool Children in East Africa.

**Dates:** 11/95 - 10/97

**Sponsoring Agency:** Thrasher Foundation and United States Agency for International Development.

**Principal Investigator and Funding Level:** Rebecca J. Stoltzfus, Ph.D.: $211,529.

**Objective:** To determine the absolute and relative efficacy of anthelminthic therapy and micronutrient supplementation on the prevalence and severity of anemia and growth in pre-school aged children in Zanzibar.

**Role:** Co-Investigator

**Title:** Costs and Outcomes for Impatient Surgical Procedures at Academic Medical Centers and Community Hospitals.

**Dates:** 2/95 - 12/99

**Sponsoring Agency:** Johns Hopkins Hospital

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.; $88,000.

**Objective:** To compare severity adjusted in hospital mortality and length of stay for patients admitted to academic medical centers with those admitted to community hospitals.

**Role:** Principal Investigator

**Title:**  Value of Medical Testing Prior to Cataract Surgery.

**Dates:** 9/94 - 8/99.

**Sponsoring Agency:** Agency for Health Care Policy and Research.

**Principal Investigator and Funding Level:**  Oliver D. Schein, MD; $5,643,162.

**Objective:** To determine the clinical value and cost-effectiveness of preoperative medical testing for patients undergoing cataract surgery.

**Role:**  Co-Investigator.

**Title:** Aravind Comprehensive Eye Survey.

**Dates:** 4/94 - 9/97

**Sponsoring Agency:** Allergan Pharmaceuticals, Zeiss-North America, Alcon Laboratories.

**Principal Investigator and Funding Level:** Thulasiraj Ravilla and Alan Robin, M.D.: $120,000.

**Objective:** To determine the prevalence of ocular disease in rural south India.

**Role:** Co-Investigator

**Title:**  Baltimore Eye Survey Follow-Up Study.

**Dates:** 7/92 - 11/97.

**Sponsoring Agency:** National Eye Institute, NIH.

**Principal Investigator and Funding Level:**  James M. Tielsch, Ph.D.; $2,260,827.

**Objective:** To determine the incidence of and risk factors for glaucoma and other visually impairing ocular disorders in a urban, multi-racial population.

**Role:**  Principal Investigator.

**Title:**  Evaluation of the Nutritional Impact of a School-Based Deworming Programme in Zanzibar.

**Dates:** 10/93 - 9/95.

**Sponsoring Agency:** United States Agency for International Development.

**Principal Investigator and Funding Level:**  Rebecca Stoltzfus, Ph.D.; $250,000.

**Objective:** To determine the impact on iron and vitamin A status of the Zanzibar school deworming program.

**Role:**  Co-Investigator.

**Title:**  Keratoconjunctivitis Sicca: Prevalence and Risk Factors. (A component of Program Project entitled: Visual Impairment and Functional Status in Older Persons).

**Dates:** 7/92 - 6/97.

**Sponsoring Agency:** National Institute on Aging, NIH.

**Principal Investigator and Funding Level:**  Sheila West, Ph.D., P.I.; Oliver D. Schein, MD and James M. Tielsch, Ph.D. Co-Project Leaders; $7,625,571 (total program project).

**Objective:** To determine the prevalence of and risk factors for idiopathic dry eye syndrome among older persons.

**Role:**  Co-Project Leader.

**Title:**  Variations in Cataract Management: Patient and Economic Outcomes.

**Dates:** 9/89 - 8/94.

**Sponsoring Agency:** Agency for Health Care Policy and Research.

**Principal Investigator and Funding Level:**  Earl P. Steinberg, MD; $4,899,952.

**Objective:** To determine the causes and consequences of variations in clinical management strategies for cataract.

**Role:**  Co-Investigator.

**Title:**  Cooperative Agreement for the Control of Vitamin A Deficiency and Nutritional Blindness.

**Dates:** 8/82 - 9/97.

**Sponsoring Agency:** United States Agency for International Development.

**Principal Investigator and Funding Level:** Keith P. West, Jr., Dr.P.H.; $21,200,000.

**Objective:** To conduct research, training and provide technical assistance for the control of vitamin A deficiency and xerophthalmia in developing countries.

**Role:**  Co-Investigator.

**Title:**  Child Vision Screening: A Case-Control Modality Comparison.

**Dates:** 1989-1992.

**Sponsoring Agency:** National Eye Institute, NIH.

**Principal Investigator and Funding Level:**  Kurt Simons, Ph.D.; $620,000.

**Objective:** To develop and test new methods for vision screening among pre-school age children.

**Role:**  Co-Investigator.

**Title:** Impact of Vitamin A Supplementation on Childhood Mortality and Morbidity in Ethiopia.

**Dates:** 1989-1991 (canceled due to civil war).

**Sponsoring Agency:** International Development Research Centre, UNICEF, and the United States Agency for International Development.

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D. and Hagos Beyene, MD, Co-Principal Investigators; $850,000.

**Objective:** To determine if regular supplementation of pre-school aged children in Ethiopia with vitamin A would reduce child mortality and morbidity.

**Role:** Co-Principal Investigator.

**Title:**  Prenatal and Neonatal Factors in Childhood Strabismus.

**Dates:** 1986-1989.

**Sponsoring Agency:** National Eye Institute, NIH.

**Principal Investigator and Funding Level:**  James M. Tielsch, Ph.D.; $ 421,876.

**Objective:** To determine if selected maternal, prenatal, and neonatal factors are associated with the development of strabismus or amblyopia.

**Role:**  Principal Investigator.

**Title:**  Baltimore Nursing Home Eye Survey.

**Dates:** 1988-1989.

**Sponsoring Agency:** National Eye Institute, NIH.

**Principal Investigator and Funding Level:**  Alfred Sommer, MD; $142,344.

**Objective:** To estimate the prevalence and severity of ocular disease among a population-based sample of nursing home residents.

**Role:**  Project Director and Co-Investigator.

**Title:**  Racial Variations in Chronic Open Angle Glaucoma: The Baltimore Eye Survey.

**Dates:** 1984-1989.

**Sponsoring Agency:** National Eye Institute, NIH.

**Principal Investigator and Funding Level:**  Alfred Sommer, MD; $ 1,553,441.

**Objective:** To estimate the prevalence and severity of ocular disease among a population-based sample of persons in a multi-racial, urban community.

**Role:**  Project Director and Co-Investigator.

**Title:**  DEC MicroVAX II Minicomputer System, Shared Instrument Grant Program.

**Dates:** 1988-1989.

**Sponsoring Agency:** Division of Research Resources, NIH.

**Principal Investigator and Funding Level:**  Alfred Sommer, MD; $134,000.

**Objective:** To provide computing resources to a group conducting epidemiologic research on ophthalmic disorders.

**Role:**  Project Director and Co-Investigator.

**Title:**  Maryland Ocular Trauma Study.

**Dates:** 1987-1989.

**Sponsoring Agency:** None.

**Principal Investigator and Funding Level:**  James M. Tielsch, Ph.D.; unfunded.

**Objective:** To estimate the incidence and severity of ocular trauma in the state of Maryland.

**Role:**  Principal Investigator.

**Title:** Impact of Vitamin A Supplementation on Reduction of Childhood Mortality and Morbidity in the Philippines.

**Dates:** 1984-1986 (canceled due to civil war).

**Sponsoring Agency:** United States Agency for International Development.

**Principal Investigator and Funding Level:** James M. Tielsch, Ph.D.; $780,000.

**Objective:** To determine if regular supplementation of pre-school aged children in the Philippines with vitamin A would reduce child mortality and morbidity.

**Role:** Principal Investigator.

**Title:** Lower Shire Valley, Malawi Ocular Disease Survey.

**Dates:** 1983-1984.

**Sponsoring Agency:** United States Agency for International Development, World Health Organization and IBM Corporation..

**Principal Investigator and Funding Level:** Alfred Sommer, MD.; $150,000.

**Objective:** To estimate the prevalence and risk factors for blindness, xerophthalmia and trachoma in the Lower Shire River Valley of Malawi.

**Role:** Co- Investigator.

**Title:** Nutritional Factors in the Etiology of Cataract Among Tamils in India and Sri Lanka.

**Dates:** 1982 (canceled due to civil war).

**Sponsoring Agency:** United States Department of Agriculture.

**Principal Investigator and Funding Level:** Alfred Sommer, MD.;

**Objective:** To estimate the prevalence and role of nutritional factors in cataract.

**Role:** Project Director and Co- Investigator.

**Title:**  Chronic Antigenic Stimulation and Non-Hodgkin's Lymphoma and Chronic Lymphocytic Leukemia.

**Dates:** 1980-1984.

**Sponsoring Agency:** National Cancer Institute, NIH.

**Principal Investigator and Funding Level:**  Moyses Szklo, MD.

**Objective:** To evaluate the association between chronic antigenic stimulation and risk of non-Hodgkin's lymphoma and chronic lymphocytic leukemia.

**Role:**  Project Director and Co-Investigator.

**Title:**  Outbreak Investigation of Aplastic Anemia in Rural South Carolina.

**Dates:** 1980-1981.

**Sponsoring Agency:** Biomedical Research Support Program, NIH.

**Principal Investigator and Funding Level:**  Martha Linet, MD.

**Objective:** To identify risk factors for a cluster of aplastic anemia in South Carolina.

**Role:**  Research Assistant.

# PUBLICATIONS

## Articles in Refereed Journals

1. Visscher M, Summers A, Narendran V, Khatry SK, Sherchand JB, LeClerq SC, Katz J, **Tielsch JM**, Mullany LC. *Birthweight and environmental conditions impact skin barrier adaptation in neonates receiving natural oil massage.* Biomedicine Hub (accepted for publication).
2. Perchetti GA, Wilcox N, Chu HY, Katz J, Khatry SK, LeClerq SC, Jerome KR, **Tielsch JM**, Englund JA, Kuypers J. *Human metapneumovirus infections and genotyping of infants in rural Nepal*. Journal of the Pediatric Infectious Diseases Society 2020, doi:10.1093/jpids/piaa118.
3. Bryce E, Mullany LC, Khatry SK, **Tielsch JM**, LeClerq SC, Katz J. *Coverage of the WHO’s four essential elements of newborn care and their association with neonatal survival in southern Nepal*. BMC Pregnancy and Childbirth (accepted for publication).
4. Clark DR, Omer SB, Tapia MD, Nunes MC, Cutland CL, **Tielsch JM**, Wairagkar N, Madhi SA, for BMGF Supported Maternal Influenza Immunization Trials Investigators Group*. Influenza or Meningococcal Immunization During Pregnancy and Mortality in Women and Infants: A Pooled Analysis of Randomized Controlled Trials*. Pediatric Infectious Disease Journal 2020; 39:641-644.
5. Newman K, Stewart L, Scott EM, **Tielsch JM**, Englund JA, Khatry SK, Mullany LC, LeClerq SC, Shrestha L, Kuypers JM, Chu HY, Katz J. *Assessment of indirect protection from maternal influenza immunization among non-vaccinated household family members in a randomized controlled trial in Sarlahi, Nepal*. Vaccine (accepted for publication).
6. Keller, JP, Katz J, Pokhrel AK, Bates MN, **Tielsch J** Zeger SL. *A hierarchical model for estimating the exposure-response curve by combining multiple studies of acute lower respiratory infections in children and household fine particulate matter air pollution*. Environmental Epidemiology 2020; 6:e119. doi: 10.1097/EE9.0000000000000119.
7. Wallin AR, **Tielsch JM**, Khatry SK, Mullany L, Englund J, Chu H, LeClerq SC, Katz J. *Nausea, vomiting and poor appetite during pregnancy and adverse birth outcomes in rural Nepal: an observational cohort study*. BMC Pregnancy and Childbirth (accepted for publication).
8. Visscher M, Summers A, Narendran V, Khatry SK, Sherchand JB, LeClerq SC, Katz J, **Tielsch JM**, Mullany LC. *Physiological Changes in Neonatal Skin After Routine Oil Massage in Rural Nepal*. Journal of Global Health Reports (accepted for publication).
9. Emanuels A, Hawes SE, Newman KL, Martin E, Englund JA, **Tielsch JM**, Kuypers J, Katz J, Khatry SK, LeClerq SC, Chu HY. *Respiratory viral coinfection in a birth cohort of infants in rural Nepal*. Influenza and Other Respiratory Viruses (accepted for publication).
10. Katz J, **Tielsch JM**, Khatry SK, Shrestha L, Breysse P, Zeger S, Kozuki N, Checkley W, LeClerq SC, Mullany LC. *Impact of improved biomass and liquidized petroleum gas stoves on birth outcomes in rural Nepal: results of two randomized trials*. Journal of Global Health Science and Practice. 2020;8(3). https://doi.org/10.9745/GHSP-D-20-00011 .
11. Omer SB, Clark DR, Madhi SA, Tapia MD, Nunes MC, Cutland CL, Simões EAF, Aqil AR, Katz J, **Tielsch JM**, Steinhoff MC, Wairagkar N, for BMGF Supported Maternal Influenza Immunization Trials Investigators Group. *Efficacy, duration of protection, birth outcomes, and growth associated with influenza vaccination in pregnancy: pooled analysis of three randomized-controlled trials.* Lancet Respiratory Medicine 2020; 8:597-608. doi:10.1016/S2213-2600(19)30479-5.
12. Newman KL, Gustafson K, Englund JA, Khatry SK, LeClerq SC, **Tielsch JM**, Katz J, Chu HY. *Risk of respiratory infection following diarrhea among adult women and infants in Nepal*. American Journal of Tropical Medicine and Hygiene 2020; 102: 28-30, doi.org/10.4269/ajtmh.19-0405. PMID: 31769386
13. Kuypers J, Perchetti GA, Chu HY, Newman KL, Katz J, Khatry SK, LeClerq SC, Jerome KR, **Tielsch JM**, Englund JA. *Phylogenetic characterization of human rhinoviruses from infants in Sarlahi, Nepal*. Journal of Medical Virology 2019; 91(12):2108-2116. doi: 10.1002/jmv.25563. PMID: 31389049.
14. Summers A, Visscher MO, Khatry SK, Sherchand JB, LeClerq SC, Katz J, **Tielsch JM**, Mullany LC. *Impact of sunflower oil massage on skin condition and measures of skin barrier function among newborns in rural Nepal: a community-based, cluster randomized trial.* BMC Pediatrics 2019;19:512 doi:10.1186/s12887-019-1871-2. PMID: 31870338
15. Emanuels A, Hawes SE, Newman KL, Martin E, Englund JA, **Tielsch JM**, Kuypers J, Katz J, Khatry SK, LeClerq SC, Chu HY. *Respiratory viral coinfection in a birth cohort of infants in rural Nepal*.  Open Forum Infectious Diseases 2019; Supplement, Vol. 6, pS797-S798.
16. Murenjekwa W, Makasi R, Ntozini R,Chasekwa B,Mutasa K, Moulton LH,**Tielsch JM**, Humphrey JH, Smith LE,Prendergast AJ, Bourke CD, for the SHINE Trial Team. *Determinants of urogenital schistosomiasis* among pregnant women *and its association with pregnancy* outcomes, neonatal deaths and child growth. Journal of Infectious Diseases 2019; doi.org/10.1093/infdis/jiz664. PMID: 31832636
17. Scott EM, Magaret A, Kuypers J, **Tielsch JM**, Katz J, Khatry SK, Stewart L, Shrestha L, LeClerq SC, Englund JA, Chu HY. *Risk factors and patterns of household clusters of respiratory viruses in rural Nepal*. Journal of Epidemiology and Infection 2019; doi.org/10.1017/S0950268819001754. PMID: 31607271
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19. Jiang X, Tarczy-Hornoch K, Stram D, Katz J, Friedman D, **Tielsch J**, Matsumura S, Saw SM, Mitchell P, Rose K, Cotter S, Varma R. *Prevalence, Characteristics, and Risk Factors of Moderate/High Hyperopia among Multiethnic Children 6 to 72 Months Old – A Pooled Analysis of Individual Participant Data*. Ophthalmology 2019; 126(7):989-999. doi: 10.1016/j.ophtha.2019.02.021. PMID: 30822446.
20. Wills B, Klasen EM, Naithani N, Gilman RH, **Tielsch JM**, Chiang M, Khatry A, Breysse PN, Menya D, Apaka C, Carter EJ, Sherman CB, Miranda JJ, Checkley W; COCINAS Trial Working Group. *Associations between household air pollution and cardiopulmonary outcomes may differ by type of pollutant*. Environmental Health.

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2. MurrayA, Englund JA, Kuypers J, **Tielsch JM**, Katz J, Khatry SK, Leclerq SC, Chu HY.  *Infant pneumococcal carriage during influenza, RSV and hMPV respiratory illness within a maternal influenza immunization trial*. Journal of Infectious Diseases 2019; 220(6):956-960. doi: 10.1093/infdis/jiz212 PMID: 31056697.
3. Keay L, Lindsley K, **Tielsch J**, Katz J, Schein O. *Routine preoperative medical testing for cataract surgery.* Cochrane Database of Systematic Reviews 2019 Jan 8; 1:CD007293. doi: 10.1002/14651858.CD007293.pub4. PMID: 30616299
4. Newman KL, Gustafson K, Englund JA, Katz J, Magaret A, Khatry S, LeClerq SC, **Tielsch JM**, Chu HY. *Effect of diarrheal illness during pregnancy on adverse birth outcomes in Nepal*. Open Forum Infectious Diseases 2019 Jan 14; 6(2) doi.org/10.1093/ofid/ofz011. PMID: 30793004
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4. Summers A, Visscher M, Khatry SK, Sherchand JB, LeClerq SC, Katz J, **Tielsch JM**, Mullany LC. *Indicators of skin barrier integrity among newborns massaged with mustard oil in rural Nepal*. Journal of Perinatology 2018; 38:64-70. PMID: 29120456
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2. Hughes MM, Englund JA, Edwards K, Yoder S, **Tielsch JM**, Steinhoff M, Khatry SK, LeClerq SC, Katz J. *Pertussis seroepidemiology in women and their infants in Sarlahi District, Nepal.* Vaccine 2017; 35(48 PtB):6766:6773. PMID: 29037576
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## Abstracts (last three years)

See presentations section

## Submitted for Publication

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2. Robinson AB, Khatry SK, Koirala S, Katz J, Mullany LC, LeClerq SC, Magar J, **Tielsch JM**. *Lived experiences of intimate partner violence in Sarlahi District, Nepal*. (submitted to Violence Against Women).
3. Wallin AR, **Tielsch JM**, Khatry SK, Mullany LC, Englund JA, Chu H, LeClerq SC, Katz J. *Nausea, vomiting and poor appetite during pregnancy and adverse birth outcomes in rural Nepal: an observational cohort study*. (submitted to BMC Pregnancy and Childbirth).
4. Boudreau CM, Burke JS IV, Shuey KD, Wolf C, Katz J, **Tielsch J**, Khatry S, LeClerq SC, Englund JA, Chu HY, Alter G. *Impact of maternal vaccination on antibody transfer and protection of infants.* (submitted to Nature Communications).
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# SCHOLARLY PRESENTATIONS

**Regional Presentations**

None

**National Presentations**

1. Emanuels A, Hawes SE, Newman KL, Martin E, Englund JA, **Tielsch JM**, Kuypers J, Khatry SK, LeClerq SC, Katz J, Chu HY. *Respiratory viral coinfection in a birth cohort of infants in rural Nepal*. ID Week, Washington DC, October, 2019.
2. Newman KL, Gustafson K, Englund JA, Katz J, Magaret A, Khatry S, LeClerq SC, **Tielsch J**, Chu HY. *Diarrheal illness as a risk factor for subsequent respiratory infection among women and infants in Nepal*. ID Week, Washington DC, October, 2019.
3. Scott EM, Kuypers J, Xue K, Stewart L, Shrestha L, **Tielsch JM**, Steinhoff M, Katz J, Khatry SK, LeClerq SC, Bloom J, Englund JA, Chu HY. *Transmission of influenza virus in mother and infant transmission events in Nepal*. ID Week meetings, San Francisco, October, 2018.
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13. Kozuki N, Mullany LC, Khatry SK, Ghimire RK, Paudel S, Blakemore K, Bird C, **Tielsch JM**, LeClerq SC, Katz J. *Validity of home-based sonographic diagnosis of obstetric risk factors* *by community health workers in rural Nepal*. Pediatric Academic Society Meetings, Baltimore, April, 2016.
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8. Klein K, Katz J, **Tielsch JM**, Friedman DS, Repka MX.  *Health Insurance and Access to Care in the Baltimore Pediatric Eye Disease Study*. American Association of Pediatric Ophthalmology and Strabismus Meeting, Boston, MA, April, 2013.
9. Christian P, Murray-Kolb L, Katz J, **Tielsch JM**, Schaefer B, Cole P, LeClerq SC, Khatry SK. *Associations between preterm birth, small for gestational age, and early neonatal morbidity, and cognitive function in school-age children*. Experimental Biology, San Diego, California, April, 2012).
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11. Wong TY, Yau J, Rogers S, Kawasaki R, Lamoureux EL, for the **META-Eye Group**. *Global Prevalence of Diabetic Retinopathy: Pooled Data from Population Studies from the United States, Australia, Europe and Asia*. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL, May, 2011.
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**International Presentations**

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43. Wong TY, **Tielsch JM**: *The epidemiology of severe ocular trauma in Singapore. 12th Congress of the European Society of Ophthalmology.* Stockholm, Sweden, 27th June - 1st July 1999.
44. Voon LW, Wong TY, **Tielsch JM**: *Gender and racial differences in the incidence of ocular diseases in Singapore.* 12th Congress of the European Society of Ophthalmology. Stockholm, Sweden, 27th June - 1st July 1999.
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47. Wong TY, Smith G, **Tielsch JM**: *The epidemiology of ocular trauma in the United States Army from 1985 - 1994.* International Congress of Ophthalmology, Amsterdam, June, 1998.
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49. Wong TY, **Tielsch JM**: *A population-based study on the incidence of retinal detachment in Singapore.* 16th Singapore-Malaysia Joint Meeting in Ophthalmology, Johor Bahru, Malaysia, 29-31st May 1998.
50. **Tielsch JM**: *Vascular risk factors for primary open-angle glaucoma.* International Symposium on Blood flow and Neuroprotection in Glaucoma, Nassau, Bahamas, March 1998.
51. Albonico M, Cancrini G, Stoltzfus R, **Tielsch J**, Chwaya HM, Savioli L: *Epidemiology of Ancylostoma duodenale and Necator americanus infection in east African school children and correlation with iron-deficiency anemia.* VII European Multicolloquium of Parasitology, Parma, Italy, September, 1996.
52. Schein OD, Munoz B, Bandeen-Roche K, West S, **Tielsch J**: *Population-based epidemiology of dry eye.*  International Society of Eye Research, Yokohama, Japan, September, 1996.
53. **Tielsch JM**: *Reduction in morbidity due to soil-transmitted nematodes after mebendazole treatment two times or three times a year in a high transmission area.* WHO Informal Consultation on the Use of Chemotherapy for the Control of Morbidity due to Soil Transmitted Nematodes in Humans, Geneva, Switzerland, April 1996.
54. Stoltzfus RJ, Albonico M, Chwaya HM, **Tielsch J**, Savioli L: *Vitamin A status of Zanzibari first graders. Influence of parasitic infections and impact of deworming.* International Vitamin A Consultative Group Meeting, Guatemala City, Guatemala, March, 1996.
55. **Tielsch JM**: *A population-based perspective on low-tension and classic primary open-angle glaucoma: The Baltimore Eye Survey.* IV International Glaucoma Symposium, Kyoto, Japan, September 1993.
56. **Tielsch JM**: *The epidemiology of glaucoma and risk factors for glaucoma and blindness in developing countries.* Symposium on Glaucoma in the Developing World, Montego Bay, Jamaica, September 1993.
57. West K, Pokhrel RP, Katz J, Khatry SK, LeClerq S, Shrestha SR, **Tielsch JM**, Sommer A: *Reduction of preschool child mortality by vitamin A in Nepal: a randomized, double-masked community trial.*  XIV International Vitamin A Consultative Group Meeting, Guayaquil, Ecuador, June 1991.
58. **Tielsch JM**: *Prevalence and causes of blindness among blacks and whites in the U.S.* Caribbean Glaucoma Symposium, St. Thomas, U.S. Virgin Islands, March 1991.
59. **Tielsch JM**: *Racial variations in the epidemiology of glaucoma.* Caribbean Glaucoma Symposium, St. Thomas, U.S. Virgin Islands, March 1991.
60. **Tielsch JM**, Katz J: *A standardized xerophthalmia survey package.*  International Vitamin A Consultative Group, Geneva, Switzerland, June 1984.

**Submitted for Presentation**

# UNIVERSITY SERVICE

## George Washington University

 Faculty Senate Committee on Financial Planning and Budget, 2014 – present.

 GWU Reaccreditation Standard VI Subcommittee, 2016 – 2018.

 Faculty Senate, 2016 – present.

 Faculty Senate Executive Committee, 2019 – present.

### Milken Institute School of Public Health

Chairs’ Committee, 2013 – present.

Executive Committee, 2013 – present.

Reaccreditation Task Force, 2015-2016.

Appointments, Promotions and Tenure Committee, 2013 – present.

Information Technology Advisory Committee (Chair), 2016 – present.

Strategic Planning Task Force (co-Chair), 2017 – 2019.

### *Department of Global Health*

 Appointments, Promotions and Tenure Committee, 2013 – present; Chair 2013-2016.

## Johns Hopkins University

President’s Council on Urban Health, Executive Committee, 1998 – 2003.

President’s Council on Urban Health, Search Committee for Director, 2000 - 2001.

The Graduate Board, 2002 – 2003.

Grant Preparation/Submission/Award Task Force, 2009.

PI Partners Financial Reporting Project User Working Group, 2011 – 2012.

### Johns Hopkins Bloomberg School of Public Health

Committee on Human Volunteers, 1979 - 1980.

Committee on Honors and Awards, 1980 - 1981.

Academic Data Processing Committee, 1981 - 1982.

Committee on Affirmative Action Programs, 1994 - 1998 (Chair, 1995 - 1998).

Review Committee, Department of Maternal and Child Health, 1997 - 1998 (Chair).

 Follow-Up Review Committee (Chair), 2000 - 2001.

Faculty Senate, 1997 – 1999, 2011 - 2013.

Strategic Planning Subcommittee on Educational Programs, 1999-2000.

Committee on Academic Standards, 1999 - 2003.

 Subcommittee on Curriculum Review, 1999 (Chair).

 Catalog Subcommittee, 2002 – 2003.

Ad-Hoc Committee to Evaluate the Structure and Function of the Committee on Human

 Research, 2001 - 2002

Centers for Public Health Preparedness and Leadership, Search Committee for Director & Faculty, 2003-2004.

Procter and Gamble Fellows Program (Director), 2002 – 2008.

Ad-Hoc Committee on Public Health Training, Education & Practice, 2004.

Search Committee for Director, Center for Clinical Trials, 2004.

Steering Committee, Bloomberg School of Public Health Self Study, 2004-2006.

Sommer Scholars Doctoral Selection Committee, 2005-2009.

Committee on Appointments and Promotions, 2006-2010.

Search Committee for Chair, Department of Epidemiology, 2008-2009.

Review Committee, Department of Population, Family and Reproductive Health, (Chair), 2009- 2010.

Steering Committee for Reaccreditation Self-Studies, 2012 – 2013.

 ***Department of International Health***

 Executive/Steering Committee, 1999 - 2013.

 Admissions Committee, 1995 - 2013 (Chair, 2001 - 2013).

 Curriculum and Credentials Committee, 1997 - 2013 (Chair, 1997 - 2013).

 Comprehensive Examination Subcommittee, 2000 - 2013 (Chair, 2000 - 2012).

 Dr. P.H. Program Committee, 1997 - 2010.

 Appointments and Promotions Committee, 1997 - 2013.

 Computing Committee, 1996 - 2003.

 Task Force on Curriculum Revision, Disease Prevention and Control Track, 1998 - 1999,

 (Chair).

 Faculty Budget Advisory Committee, 2000 – 2003, 2008 – 2011.

 Strategic Planning Committee, 2000 - 2001.

 Search Committee for Faculty in Social and Behavioral Interventions Program (Chair), 2009.

###  Johns Hopkins School of Medicine

 ***Department of Ophthalmology***

 Support Staff and Communications Committee, 1992-1994.

 Core Training Grant Committee, 1991 - 1994.

 Research Committee, 1990 - 1994.

 Wilmer Research Meeting Subcommittee, 1990 - 1993 (Chair, 1992 - 93).

 Computer Committee, 1989 - 1994.

 Training and Fellowship Committee, Dana Center for Preventive Ophthalmology, 1983 - 1994.

 Data Processing Committee, Dana Center for Preventive Ophthalmology, 1983 - 1994; (Chair, 1983 - 1994).

### Johns Hopkins Kreiger School of Arts and Sciences

 ***Public Health Studies Program***

 Academic Advisory Board, Member, 2009 - 2013.

# PROFESSIONAL SOCIETY MEMBERSHIP AND LEADERSHIP

*American Association for the Advancement of Science*

*American College of Epidemiology, Fellow*

 *-Member, Annual Meeting Program Committee, 1996*

*American Epidemiological Society*

*American Society of Tropical Medicine & Hygiene*

*Association for Research in Vision and Ophthalmology*

 -Member, Program Planning Committee, Clinical Research and Epidemiology Section, 1988-1991 (Chair, 1990-1991)

 -Chair, Review Committee, Prevent Blindness America Investigator Award (2004- 2007).

 -Fellow, 2010 – present.

#### International Epidemiological Association

*International Nutritional Anemia Consultative Group (now the Micronutrient Forum), 1989-2011.*

 *International Vitamin A Consultative Group (now the Micronutrient Forum), 1982-2011.*

*Global Health Council, 1990-2011.*

*Society for Epidemiologic Research, 1982-present.*

*University Consortium for Global Health, 2009-present.*

-Chair Program Committee, Annual Meeting, 2014.

 -Member, Program Committee, Annual Meeting, 2017.

# EDITORIAL PEER REVIEW ACTIVITIES

*American Journal of Epidemiology*

Associate Editor, 1991-1994

Board of Editors, 1995-1998

Acting Editor for occasional manuscripts, 2000-2013.

*Eye on the Literature*

Contributing Editor, 2001 - 2005

*Journal of Glaucoma*

Editorial Board, 1991-1994

Special Section Editor, 1991-1994

*Vision and Aging*

Editorial Board, 2001 – 2002

*Journal of the Institute of Medicine, Tribhuvan University*

 Editorial Board, 2013 - present

**Journal Reviewer (in past 5 years):**

*Acta Ophthalmologica*

*Air Quality, Atmosphere and Health*

*American Journal of Clinical Nutrition*

*American Journal of Ophthalmology*

*American Journal of Public Health*

*Archives of Environmental and Occupational Health*

*Archives of Ophthalmology*

*BMC Pediatrics*

*BMJ Open*

*Cochrane Collaboration*

*Environmental Health*

*Environmental Health Perspectives*

*Environmental Research*

*Environmental Science and Pollution Research*

*European Journal of Clinical Nutrition*

*Investigative Ophthalmology and Visual Science*

*International Journal for Equity in Health*

*JAMA Pediatrics*

*Journal of the American Medical Association*

*Journal of Exposure Analysis and Environmental Epidemiology*

*Journal of Nutrition*

*Lancet*

*Lancet Global Health*

*New England Journal of Medicine*

*Ophthalmic Epidemiology*

*Ophthalmology*

*Pediatrics*

*Pediatric Infectious Disease Journal*

*PLOS NTD*

*Social Science and Medicine*

# EXTERNAL ACTIVITIES/PARTNERSHIPS

American Academy of Ophthalmology

▪ Glaucoma National Scientific Advisory Board, 1992-2000

 Chairman, Subcommittee on Referral Criteria Development

▪ Task Force on Eye Care Costs Study, Consultant, 1992-1993

▪ Cataract Outcomes Task Force, Consultant, 1994-1996

▪ Eye Serve Project, National Advisory Committee, 1996

▪ Eye Health and Public Information Task Force, 2001-2004

Bill and Melinda Gates Foundation

* Ad-hoc reviewer, 2008, 2016.

Boston University School of Public Health

* External faculty appointment review, 2016.

Global Alliance for Clean Cookstoves

* Health Working Group, core member, 2010 - 2015.

Harvard University School of Medicine

* External faculty promotion review, 2015.

Health Volunteers Overseas

* Board of Directors, 2016 – present.

Helen Keller International

* Board of Directors, 2020 – present.
* Chair, Program Committee, 2020 – present.

International Eye Foundation, consultant to project in Egypt, 1985.

International Vitamin A Consultative Group

▪ Task Force for Evaluation of Vitamin A Intervention Programs, Member, 1984.

Joint Health Venture, Board of Directors, 1977.

(Los Angeles based non-profit health education and advocacy organization.)

Los Angeles Inter-Agency Council on Smoking and Health, Member, 1976.

Maryland Society for Sight

▪ Adult Program Professional Advisory Committee, Chair, 1991-2002.

Medical Research Council, United Kingdom

* Ad hoc Grant Reviewer, 2012.

National Institute of Child Health and Human Development, National Institutes of Health

* Consultation on Opportunities for Coordinated Research on Infection Prevention and Use of Chlorhexidine, Washington, DC, October, 2005.
* External Advisory Board, Global Network for Women’s and Children’s Health Research, 2013 – present.

National Eye Institute, National Institutes of Health

▪ National Eye Health Education Program, Applied Research Working Group, Member, 1990.

▪ National Eye Advisory Council Subcommittee on Vision Research Program Planning, Health Services Research Working Group, 1997

##### Center for Scientific Review, National Institutes of Health

* Epidemiology and Disease Control Study Section, 1987-1988, 1992, 2000, 2002
* Visual Sciences Study Section B, Ad-hoc Reviewer, 1992
* NICHD Special Emphasis Panel ZHD1, 2002
* NEI Special Emphasis Panel ZEY1 VSN, 2013, 2017, 2018, 2019, 2020.

National Institute for Health Research, National Health Service, United Kingdom

 ▪ Ad hoc Grant Reviewer, 2007

National Research Council

▪ Board on Science and Technology for International Development,

 Ad hoc Reviewer, 1988

Pan American Health Organization

▪ Prevention of Blindness Program, consultant to program in Guatemala, 1986.

Prevent Blindness-America (formerly National Society to Prevent Blindness)

▪ Board of Directors, 1991 - 1997, 1998 – 2004, 2005 - 2008

 (Vice Chair, 1993 - 1997; 2000 - 2004)

▪ Vision Screening Training and Certification Coordinating Committee, 1994 - 1998

 (Chair, 1994 - 1998)

▪ Community Programs Committee, 1994 - 2004 (Chair, 1994 - 2004)

▪ Strategic Planning Committee, 1993 - 2004

▪ Scientific Advisory Committee, 1991 – 2008 (Chair, 2004 – 2008)

▪ Glaucoma Advisory Committee, 1986 - 2004

▪ Advisory Board for Glaucoma Alert in the Black Community Program, 1985-1986

Research Council of Norway

* Center of Excellence program reviewer 2011, 2012.

Save the Children USA

* Technical Review Committee, Impact of Community-Based Treatment of Neonatal Infection on Neonatal Mortality in Rural Sidamo and East Showa Ethiopia, 2011 – 2012.

Singapore National Medical Research Council

* Grant reviewer 2006, 2009, 2011, 2012, 2014

Singapore Eye Research Institute, Singapore Malay Eye Study

* External Advisory Board, 2004 - 2013

National University of Singapore

* External faculty promotion review, 2014.

Sola Corporation

▪ National Advisory Board for EyeQ Magazine, Member, 1996 - 1999

The Wellcome Trust

▪ Ad hoc Reviewer, 1993 - 1996

Thrasher Research Foundation

 ▪ Ad hoc Reviewer, 2007, 2013

United States Department of Energy

▪ Ad hoc Reviewer, 1994

University Research Corporation, TRAction Project

* Technical Advisory Group on Clean Indoor Air, 2011-2013.

University of British Columbia

* Promotion review committee, 2016.

University of California, San Francisco

* Data and Safety Monitoring Board, Steroids and Cross-Linking for Ulcer Treatment II Trial (SCUT II), member, 2019 – present.

University of Saskatchewan, School of Public Health

* Reviewer for Dean’s Search Committee, 2017.

University of Southern California, Department of Ophthalmology, Los Angeles Latino Eye Survey

▪ Data Monitoring and Oversight Committee, 1999 - 2008

University of North Carolina, Trichiasis Surgery Incision Height Trial

* Data and Safety Monitoring Board, 2016 – present.

World Health Organization

▪ Informal Consultation on the Use of Chemotherapy for the Control of Morbidity Due to

 Soil Transmitted Nematodes, Geneva, May, 1996.

* WHO/UNICEF Technical Consultation on Neonatal Vitamin A Supplementation Research Priorities, Geneva, December, 2008.
* WHO Newborn Vitamin A Supplementation Research Meeting, Geneva, April, 2014.
* WHO Technical Consultation on Improving Antenatal and Postnatal Care, Geneva, April, 2014.
* WHO Chlorhexidine Technical Workshop, Geneva, July, 2017.

Zhongshan Angle-Closure Prevention Study

* Data Safety and Monitoring Board (chair), 2008 – 2017.

# TEACHING/LEARNING PORTFOLIO

## George Washington University

### Educational Program Leadership

 Global Health Policy Program, Director, 2014 – 2015.

 Global Health Epidemiology and Disease Control Program, Director, 2016 – 2019.

### Courses Taught

***Frameworks in Global Health*** (6400)*,* Department of Global Health, Course Developer and Director, 2013 – present (in-person and on-line).

***Advanced Topics in Health Leadership, International Settings*** (8407), Department of Global Health, Course Co-Developer and Co-Director, 2013.

***Global Child Health*** (6563), Departments of Global Health and Prevention and Community Health, Course Developer and Director, 2014 – present (in-person and on-line).

***Global Health Programs and Approaches to the Control of Infectious Diseases*** (6486), Department of Global Health, Course Co-Developer and Co-Director, 2014 – 2016.

***Global Health Programs and Approaches to the Control of Chronic Diseases*** (6492), Department of Global Health, Course Co-Developer and Co-Director, 2016 – 2017.

***Field Trials: Methods and Application*** (6495),Department of Global Health, Course Co-Developer and Co-Director, 2019 - present.

### Students and Trainees: Advising, Mentoring, Culminating Experience

####  Masters of Public Health

 Tara Parker Stefania Davia

 Shaza Elmahdi Leah Hale

 Nadia Hussein Alexander Liu

 Stephanie Marks Courtney Middlebrook

 Melissa Morris Danielle Nielsen

 Nerissa Williams Gretchen Gasteier

 Mariam Malik Brittany Monks

 Erin Anderson Andrea Ayers

 Catherine Beach Ritika Bhattacharya

 Michelle Bukowczyk Jessica Cohen

 Arielle Dolegui Mia Fischbein

 Shakira Gibbs Paula Hayes

 Cassidy Howell Kimesha Linton

 Theandra Madu Gayatri Malhotra

 Sarah Martinez Shreya Patel

 Danielle Rainis Vincent Salazar

 Molly Sanborn Nwanneamaka Ume

 Kennethea Wilson Courtney Youngbar

 Maha Zakari

#### Doctoral Degrees

## Johns Hopkins University

### Educational Program Leadership

Curriculum and Credentials Committee, Department of International Health, Chair: 1996-2013.

### Courses Taught

***Public Health Ophthalmology*** *(223.676-677)*, Department of International Health. Course Co-Developer and Director, 1983-84, 1996-97, 2000-01, 2004-05; Co-Director*,* 1987-88, 1990-91, 1993-94.

***Epidemiologic Methods: Intermediate Epidemiology*** (340.602), Department of Epidemiology, Laboratory Instructor, 1982-1997.

***Clinical Epidemiology for Medical Students****,* Department of Epidemiology, School of Medicine, Instructor, 1982-1985.

***Ophthalmology Clerkship***, Department of Ophthalmology, School of Medicine. Lectures on epidemiology and global blindness, 1984-1997.

***Epidemiologic Methods: Design and Analytic Considerations*** *(340.603),* Department of Epidemiology, Laboratory Instructor, 1986-1997.

***Applications of the Case-Control Method*** *(340.605.11),* Department of Epidemiology, Course Director, Graduate Summer Program in Epidemiology, 1996, 1998- 2002, 2005-2006.

***The Use of Disease Surveillance in Epidemiologic Research and Public Health*** *(223.671),* Department of International Health, Course Developer and Director, 1997-1999, 2002 – 2005.

***Disease Prevention and Control in International Health I & II*** *(223.680-681),* Department of International Health, Course Co-Developer and Director, 1999 - 2000.

***Disease Prevention and Control in International Health*** *(223.680),* Department of International Health, Course Co-Developer and Director, 2001 - 2002.

***Tracking the Health of Populations*** *(223.601),* Department of International Health, Course Co-Developer and Co-Director, 2003-2004.

***Global Disease Control Programs and Policies*** *(223.680)*, Department of International Health, Course Co-Developer and Co-Director, 2004-2007.

***Introduction to International Health*** *(221.601)*, Department of International Health, Co-Director, 2005, Director, 2006-2010 (both in-person and on-line versions).

***Introduction to Global Health*** *(280.380)*, Public Health Studies Program, Krieger School of Arts and Sciences, Course Developer and Director, 2007-2012.

***Introduction to International Health*** *(221.601.96)*, Department of International Health, Course Director, 2010, Barcelona Fall Institute.

***Special Studies: Readings of Jeffrey Sachs on International Health Development*** *(223.840)*, Department of International Health, Course Developer and Director, 2006.

***Special Studies: Three Perspectives on International Development*** *(223.840)*, Department of International Health, Course Developer and Director, 2008.

***Special Studies: Health Manpower "Brain Drain" in Low Income Countries*** *(223.840)*, Department of International Health, Course Developer and Director, 2009.

***Special Studies: Smallpox Control and Eradication*** *(223.840)*, Department of International Health, Course Developer and Director, 2010.

***Special Topics in International Health***, Department of International Health. Course Co-Developer and Co-Director, 2012.

### Students and Trainees: Advising/Mentoring

####  Masters of Public Health

*Thomas Bochow, 1987*

*Wondu Alemayehu, M.D., 1988*

*Anna-Marie Stevens-Kestelyn, M.D., 1988*

*Rohit Varma, M.D., 1989*

*Kevin McKinney, 1989*

*Richard Semba, M.D., 1990*

*Jordan Kassalow, O.D., 1991*

*John Murray, M.D., 1991*

*Charles Valmadrid, M.D., 1991*

*Yves Genevier, M.D., 1991*

*Marcia Salamao, M.D., 1991*

*Zakaria El-Sherif, M.D., 1991*

*Bahram Rahmani, M.D., 1994*

*George Nardin, M.D., 1994*

*Leda Clark, M.D., 1994*

*David Fine, 1996*

*David Friedman, M.D., 1997*

*Desbele Ghebreghiorghis, M.D., 1997*

*Abdul A. Choudhury, M.D., 1997*

*Henock Asrat, M.D., 2001*

*Ebenezer Daniel, M.D., 2001*

*Pik Pin Goh, M.D., 2001*

*Ming Guang He, M.D.; 2001*

*Praveen Nirmalan, M.D., 2001*

*Marco Ramirez-Ortiz, M.D., 2001*

*Tilfework Tegegne, M.D., 2001*

*Tony Ukety, M.D., 2001*

*Eseovhe A. Egborge, M.D., 2003*

*Chundak Tenzing, M.D., 2003*

*Ilesh, Patel, M.D., 2004*

*Donald Budenz, M.D., 2004*

*David Kurtzon, Student (2003-04)*

*Lydia Giordano, O.D., 2006*

*Koichi Ono, M.D., 2006*

*Siddharth Pujari, M.D., 2006*

*Ryo Kawasaki, M.D., 2007*

*Jeremy Shuman, 2008*

*Derek Mladenovich, O.D., 2008*

*William W. Davis, M.S., 2008*

*John Peter Campbell, M.D., 2008*

*Josephine Ibironke, O.D., 2009*

*Kuerbanjiang Abuduxikuer, M.D., 2009*

*Heather Peto, 2009*

*Rosalind A. Stevens, M.D., 2010*

*Mira Zein, 2010*

*Mary E. Schmitz, 2010*

*Michael Humes, 2010*

*Yohalakshmi Chelladurai, MBBS, 2011*

*Prethy Rao, M.B.B.S., 2011*

*Daniel Van Durme, M.D., Student*

*Han Chin Kuo, M.D., Student*

*Melissa M. Habedank, 2012*

*Aesha Dharia, O.D., 2013*

#### Masters of Science in Public Health, Dept. of International Health:

*Amy Vittor, 1999*

*Ranit Mishori, 1999*

*Tamara Clark, 2000*

*Hope Cassidy, 2000*

*Luke Mullany (transfer to PhD)*

*Tamer Farag, (transfer to PhD)*

*Jonathan Sugimoto, 2001*

*Mackenzie Green, 2003*

*Mona Mowafi, 2003*

*Kara Nygaard, 2004*

*Nandita Thatte, 2004*

*Melanie Lo, 2005*

*Hyon Jin Bae, 2006*

*Blake Zachary, 2007*

*Rita Mae Traxler, 2007*

*Sean Fitzwater, 2008*

*Thoai Ngo, 2008*

*Angela Cruciano, 2009*

*Emily Ciccone, 2009*

*Caroline Kensler, 2010*

*Andrew Stokes, (transferred to U Penn PhD)*

*Melissa Ko, 2011*

*Min Joo Kwak, 2012*

*Karen Kirk, 2013*

#### Doctoral Degrees

**Department of International Health:**

***Jean Humphrey, M.P.H., 1992***

Title*: Alternative Dosing Strategies to Prevent Vitamin A Deficiency in High Risk Indonesian Preschool Children. (Sc.D., International Health)*

***Amy Y. Vittor, M.H.S., 2003***

Title: *Deforestation and Malaria in the Peruvian Amazon. (Ph.D., International Health)*

***Luke C. Mullany, M.H.S., 2004***

Title:*Impact of Postpartum Umbilical Cord Care Regimens on Neonatal Omphalitis and Time to Umbilical Cord Separation in Southern Nepal. (Ph.D., International Health)*

***David Goodman, M.S., 2005***

Title: *The Detection and Epidemiology of Parasitic Gastrointestinal Nematode Infection in Zanzibari Infants: The Association between Infection Status of Nursing Infants and Cytokines Present in Human Milk. (Ph.D., International Health)*

***Tamer H. Farag, 2006***

Title: *The Contribution of Helicobacter pylori Infection to the Problem of Anemia of Pregnancy in Tropical Regions. (Ph.D., International Health)*

***Arlyne A. Beeche, M.S.P.H., 2007***

Title: *Disparities in Key Health Indicators between Vulnerable Groups Living in Refugee and Host Communities. Case study: Largo Refugee Camp and Host Community, Kenema District, Sierra Leone. (Ph.D., International Health)*

***Thomas Jaenisch, M.D., 2008***

Title: *Parasite Genotypic Variability as a Cumulative Exposure Variable for Incidence of Malaria and Anemia in a Cohort of Children on Pemba Island, Zanzibar, Tanzania. (Ph.D., International Health)*

***Monica Pajuelo, M.S., 2013***

Title: *Sustainability of Interventions to Control Taenia Solium Transmission and Genetic Variability of Taenia Solium in Peru*. *(Ph.D. International Health)*

***Alison Connor, 2013***

Title: *Uterotonic Use and Its Maternal and Perinatal Health Impact in Sarlahi, Nepal.* *(Ph.D. International Health)*

***Amber Robinson, 2016***

Title: *Prevalence, Determinants & Impacts of Intimate Partner Violence in Rural Southeastern Nepal. (Ph.D. International Health)*

**Department of Epidemiology:**

***Rosemarie Hakim, 1989***

Title*: A Case-Control Study of Childhood Strabismus and Parental Occupational Lead Exposure*

 *(Ph.D., Epidemiology, Co-Advisor with Walter Stewart, Ph.D.)*

***Fang Wang, M.D., M.P.H., 1993***

Title*: Eye Disease Screening in a Primary Care Setting (Ph.D., Epidemiology, Co-Advisor with Paul Whelton, M.D.)*

***Kera Weiserbs, M.H.S., 1998***

Title*: Mortality risk and ocular disease (Ph.D., Epidemiology, Co-Advisor with Curt Meinert, Ph.D.)*

***Tien Y. Wong, M.D., M.P.H., 2001***

Title*: Retinal microvascular abnormalities and their relationships with hypertension, cardiovascular disease and mortality (Ph.D., Epidemiology)*

***Ralf Buhrmann, M.D., M.P.H., 2001***

Title: *Visual impairment and adult mortality in rural Tanzania (Ph.D., Epidemiology)*

***David S. Friedman, M.D., M.P.H., 2007***

Title: *Novel Approaches to Assessing the Anterior Chamber Angle to Determine Risk Factors for Angle Closure Glaucoma. (Ph.D., Epidemiology)*

***Flavio Hirai, M.D., M.P.H., 2009***

Title: *Health-related quality of life, visual functioning, and depression in a type 1 diabetes population: Wisconsin Epidemiologic Study of Diabetic Retinopathy.* *(Ph.D., Epidemiology)*

#### Post-Doctoral Fellows

***Joanne Klopfer, O.D., M.P.H.*** *(1990-1992)*

***Bahram Rahmani, M.D., M.P.H.*** *(1994-1995)*

***Naira H. Khachatrian, M.D., M.P.H.***  *(1999-2001)*

***David Goodman, M.S., Ph.D. (****2005)*

***Benjamin Oaikhena, D.D.S.,*** *Hubert Humphrey Fellow (2005-2006)*

***Tamer Farag, Ph.D.,*** *(2006-2007)*

***Carolyn Scrafford, Ph.D.,*** *(2013-2014)*

***Alison Conner, Ph.D.,*** *(2013 – 2014)*

### Examination Participation

**M.Sc. Thesis Committee**

*Diana Miglioretti, Biostatistics, 1996*

*Marc Bacsafra, Biostatistics, 2000*

*Tsedal Mebrahtu, Epidemiology, 2002*

*Hua-Ling Tsai, Biostatistics, 2005*

 **Departmental Oral Participation (Department of International Health)**

*Michele Dreyfus, 1995*

*Hamam Hadi, 1995*

*Rolf Klemm, 1996*

*Ravi Ram, 1996*

*Anna Sanchez, 1996*

*Yi-Hsin Chen, 1997*

*Christian Coles, 1997*

*David Hausner, 1997*

*Deanna Kerrigan, 1997*

*Matthew Lynch, 1997*

*Melissa Murray, 1997*

*Julianna Yartey, 1997*

*Luiz Lima, 1998*

*Patricia Tschida, 1998*

*Lisa Sacco, 1999*

*Kerry Schulze, 1999*

*Anne Rimoin, 2000*

*Amy Vittor, 2000*

*David Goodman, 2001*

*Luke Mullany, 2001*

*Sarah Cusick, 2002*

*Arlyne Beeche, 2002*

*Patricia Sheen, 2002*

*Tamer Farag, 2002*

*Jane Schmitz, 2005*

*Danstan Bagenda, 2005*

*Summer Rosenstock, 2007*

*Rebecca Kanter, 2008*

*Mohammad I. Khan, 2008*

*Amy Branum, 2008*

*Horacio Ruisenor Escudero, 2010*

*Carolyn Scrafford, 2010*

*Alison Connor, 2010*

*Pablo Belaunzaran, 2010*

*Laveta Stewart, 2010*

*Monica Pajuelo, 2011*

*Michelle Mergler, 2011*

*Tatenda Mupfudze, 2011*

*Suzanne Pollard, 2012*

*Amber Robinson, 2013*

 **Departmental Oral Participation (Department of Epidemiology)**

*Ralf Buhrmann, 1998*

*David Friedman, 1998*

*Tien Wong, 2000*

*Flavio Hirai, 2008*

 **University Preliminary Oral Participation**

*Rosemarie Hakim, Epidemiology, 1984*

*Fang Wang, Epidemiology, 1991*

*Sterling Hilton, Biostatistics, 1994*

*Kera Weiserbs, Epidemiology, 1996*

*Christian Coles, International Health, 1997*

*Stacey Wills, Hlth, Pol & Mgmt, 1997*

*Ralf Buhrmann, Epidemiology, 1998*

*Yi-Hsin Chen, International Health, 1998*

 *David Friedman, Epidemiology, 1998*

*John Robinson, Biostatistics, 1998*

*Paivi Miskala, Epidemiology, 1999*

*Amy Vittor, International Health, 2000*

*Tien Wong, Epidemiology, 2000*

*Ralf Buhrmann, Epidemiology, 2001*

*Justine Kavle, International Health, 2001*

*David Goodman, International Health, 2001*

*Luke Mullany, International Health, 2001*

*Sarah Cusick, International Health, 2002*

*Arlyne Beeche, International Health, 2002*

*Kyle Bernstein, Epidemiology, 2002*

*Tamer Farag, International Health, 2002*

*Mona Sharon, Pop & Fam Hlth Scs, 2003*

*Kathryn Ziegler, Biostatistics, 2003*

*Mary Shepherd, Pop. & Fam Hlth. Scs., 2004*

*Danstan Bagenda, International Health, 2005*

*Gillian Buckley, International Health, 2007*

*Chi Wang, Biostatistics, 2007*

*Victoria Chou, International Health, 2007*

*C. Sofia Arriola, International Health, 2008*

*Mohammad I. Khan, International Health, 2008*

*Daniel Roth, International Health, 2008*

*Flavio Hirai, Epidemiology, 2008*

*Jiemin Ma, Epidemiology, 2009*

*Amy Branum, International Health, 2009*

*Veena Singh, International Health, 2009*

*Alison Connor, International Health, 2010*

*Carolyn Scrafford, International Health, 2010*

*Laveta Stewart, International Health, 2010*

*Monica Pajuelo, International Health, 2011*

*Sutyajeet Soneja, Environmental Health Sciences, 2012*

*William Davis, International Health, 2012*

*Suzanne Pollard, International Health, 2013*

*Amber Robinson, International Health, 2013*

 **Final University Oral (Thesis Defense)**

*Rosemarie Hakim, Epidemiology, 1989*

*Jean Humphrey, International Health, 1992*

*Fang Wang, Epidemiology, 1993*

*Cheryl Enger, Epidemiology, 1994*

*Anne Schwartz, Health Policy & Management, 1995*

*Hamam Hadi, International Health, 1997*

*Mary Ann Hylander, Maternal & Child Health, 1997*

*Amy Lynn Rice, International Health, 1998*

*Susan Vitale, Epidemiology, 1998*

*Kera Weiserbs, Epidemiology, 1998*

*Janet T. Holbrook, Epidemiology, 1999*

*Matthew Lynch, International Health, 1999*

*Christian Coles, International Health, 2000*

*Ralf Buhrmann, Epidemiology, 2001*

*Tien Y. Wong, Epidemiology, 2001*

*Amy Vittor, International Health, 2003*

*Emily Siegel, International Health, 2004*

*Sarah Cusick, International Health, 2004*

*Luke C. Mullany, International Health, 2004*

*John Robinson, Biostatistics, 2004*

*David Goodman, International Health, 2005*

*Justine Kavle, International Health, 2005*

*Tamer H. Farag, International Health, 2006*

*David S. Friedman, Epidemiology, 2007*

*Arlyne Beeche, International Health, 2007*

*Thomas Jaenisch, International Health, 2008*

*Morgan A. Marks, Epidemiology, 2009*

*Flavio Hirai, Epidemiology, 2009*

*Summer Rosenstock, International Health, 2010*

*Claudine Samanic, Epidemiology, 2011*

 *Monica Pajuelo, International Health, 2013*

 *Carolyn Scrafford, Interntional Health, 2013*

 *Laveta Stewart, International Health, 2013*

 *Alison Connor, International Health, 2013*

*Sutyajeet Soneja, Environmental Health Sciences, 2014*

*Suzanne Pollard, International Health, 2015*

*Amber Robinson, International Health, 2016*

## Other Institutions

### Courses Taught

***Korat Basic and Advanced Courses for Prevention of Blindness Programs***, Lecturer on surveillance, information management systems, and ophthalmic epidemiology. Nakorn Ratachiasma, Thailand, 2001.

**Howard Community College:  *Introduction to Cross-Cultural and International Health*** *(HEED 127)*, Course Co-Developer and Co-Director, 2006.

### Examination Committees

 University of Sydney, External Examiner for PhD thesis: Yasir Bin Nisar, 2014.

 University of British Columbia, External Examiner for PhD thesis: The Wint Aung, 2016.

 University of Toronto, External Examner for PhD thesis: Nadia Akseer, 2018.

## Public Health Practice Portfolio

See section on External Activities/Partnerships.