

CURRICULUM VITAE
October 2015

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Professor of Epidemiology
Division of Epidemiology
School of Public Health
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**PRIMARY
APPOINTMENT
(1996 – Present):**

PROFESSOR OF EPIDEMIOLOGY (2007-PRESENT) (WITH TENURE)
ASSOCIATE PROFESSOR OF EPIDEMIOLOGY (2002-2007) (WITH TENURE)
ASSISTANT PROFESSOR OF EPIDEMIOLOGY (1996-2002) (TENURE- TRACK)

**CONCURRENT
APPOINTMENTS
(2005 – 2011):**

SPECIAL GOVERNMENT EMPLOYEE
United States Environmental Protection Agency
Science Advisory Board (Drinking Water)

**SABBATICAL
APPOINTMENT:
(2003 – 04)**

VISITING VOLUNTEER SCIENTIST
September 1, 2003 – May 30, 2004
(sabbatical year)
World Health Organization
Water, Sanitation, and Hygiene Group
20 Appia Way
CH 1211 Geneve 27
SWITZERLAND
Phone: 41-22-791-3726

**CONSULTING:
(2007-2011)**

CONSULTING EPIDEMIOLOGIST
World Bank
Water and Sanitation Program

PLACE OF BIRTH:

Spokane, Washington

EDUCATION:

1993-96	Ph.D.	Epidemiology	University of California, Berkeley
1991-92	M.P.H.	Public Health	University of California, Berkeley
1981-85	M.D.	Medicine	Johns Hopkins School of Medicine
1977-81	B.S.	Chemistry	Santa Clara University
		(<i>Magna cum Laude</i>)	

**FACULTY
APPOINTMENTS**

July 1, 2007-
present
PROFESSOR OF EPIDEMIOLOGY
Division of Public Health Biology and Epidemiology
School of Public Health
University of California, Berkeley

July 1, 2002-
June 30, 2007
ASSOCIATE PROFESSOR OF EPIDEMIOLOGY
Division of Public Health Biology and Epidemiology
School of Public Health
University of California, Berkeley

July 1, 1996-
June 30, 2002
ASSISTANT PROFESSOR OF EPIDEMIOLOGY
Division of Public Health Biology and Epidemiology
School of Public Health
University of California, Berkeley

May 1, 1995-
June 30, 1996
ADJUNCT ASSISTANT PROFESSOR OF EPIDEMIOLOGY
Department of Epidemiology and Biostatistics,
School of Medicine
University of California, San Francisco

POSITIONS HELD:

July 1, 1994-
present
ATTENDING PHYSICIAN, Infectious Diseases Section
Medical Service, San Francisco Veteran's Affairs
Medical Center, San Francisco, California

July 1, 1988-
June 30, 1989
ATTENDING PHYSICIAN, Department of Medicine,
School of Medicine, University of California, San Francisco

**FELLOWSHIPS
AND RESIDENCY**

July 1, 1990-
April 30, 1995
Infectious Diseases Fellow/Epidemiology Research
Department of Medicine, Division of Infectious Diseases and
Division of Clinical Epidemiology, School of Medicine,
University of California, San Francisco

July 1, 1989-
June 30, 1990
CHIEF MEDICAL RESIDENT, Department of Medicine,
School of Medicine, Stanford University

July 1, 1985-
June 30, 1988
MEDICAL INTERN AND MEDICAL RESIDENT
Department of Medicine, School of Medicine,
University of California, San Francisco

**MEDICAL
LICENSURE**

Physician and Surgeon, State of California
License A043029 (exp. March 2014)

**BOARD
CERTIFICATION:**

September 15, 1988 -
indefinite
Diplomate (Board Certified) in Internal
Medicine, American Board of Internal Medicine

November 20, 1996-
December 31, 2006
Diplomate (Board Certified) in Infectious Diseases,
American Board of Internal Medicine

HONORS AND AWARDS:

Faculty

Distinguished Teaching and Mentoring Award (elected by students of the UC Berkeley School of Public Health) May 2002

School of Public Health Alumni Association
Zak Sabry Distinguished Mentoring Award (May 2006)

College

National Merit California Statewide Four Year College Scholarship

Pacific Gas & Electric Company Statewide Four Year Scholarship

Residency

Phi Beta Kappa
Outstanding Teacher Award (Elected by UCSF School of Medicine, Third Year Students, Class of 1989)

Housestaff Teaching Award (Elected by UCSF School of Medicine, Fourth Year Students, Class of 1988)

Dr. Jeffrey Weingarten Housestaff Teaching Award (Elected by UCSF Medical Housestaff, 1987-1988)

Chief Residency

Helen Rantz Award (Selected by Stanford Hospital for “dedication to teaching and compassionate patient care”, 1989-1990)

Post-Doctoral

Nominated for “Excellence in Small Group Instruction” Award (Nominated by UCSF School of Medicine, Class of 1998)

PROFESSIONAL ACTIVITIES

PROFESSIONAL ORGANIZATIONS:

American Medical Association

SERVICE TO PROFESSIONAL PUBLICATIONS:

Ad Hoc Reviewer for:
Clinical Infectious Diseases
Journal of the American Medical Association
Statistics in Medicine
Annals of Epidemiology
American Journal of Epidemiology
American Journal of Public Health
Annals of Internal Medicine
Journal of Epidemiology and Community Health
Environmental Health Perspectives
Bulletin of the World Health Organization
American Journal of Tropical Medicine and Hygiene

OTHER

Volunteer reviewer for University of California, Berkeley,

**UNIVERSITY OF CALIFORNIA
SERVICE:**

Berkeley undergraduate research journal
Guest lecturer, University of California, Berkeley, Saturday
morning high school series, 1998
Search committee, UCSF Lucia Chair in Preventive Medicine,
1999
School of Public Health Faculty Council (elected, 1998/9
through 2000/01 and 2007-2010)
School of Public Health Academic Personnel Committee,
2010-13)
Search committee (FTE position), School of Optometry, 1997/98
Search committee (FTE position), School of Optometry, 1998/99
Search committee (FTE position), Biostatistics, 1998/99
Search committee, Water quality microbiologist, Division of
Agriculture and Natural Resources (MOU between UCB and
UC Davis), 2001/2002
Search committee (FTE position), Epidemiology, School of
Public Health, 2002/03
Acting Head, Division of Epidemiology and Epidemiology
Graduate Group, School of Public Health (2003 Spring)
Curriculum committee, School of Public Health, 2004/05
Search committee (FTE position), Environmental Health
Sciences (2005/06)
Curriculum committee, School of Public Health, 2005/06
Advisory Board member, UC Berkeley School of Optometry
Clinical Scientist Development Program
Reviewer for applicants, UC Berkeley School of Public Health
Online/Onsite MPH Program
Faculty member, UC Berkeley Sponsored Projects Office, SPO
Users' Network

**OTHER
SERVICE:**

Member, National Institutes of Health, Special Review Panel,
Cardiovascular Disease (April 1998)
Member, National Hepatitis C Advisory Panel, Veterans'
Administration, Washington DC
Member, Susceptible Subpopulations Advisory Panel,
George Washington University/EPA Cooperative
Agreement on "Advances in Risk Assessment for
Water Quality"
Member, Invited Panel on the Global Burden of
Gastrointestinal Disease, American Society of
Microbiology, Galway, Ireland, February 2002.
Member, NIH Ad Hoc Review Panel on Proposed National
Centers for Food and Waterborne Diseases
Bethesda, Maryland, February 2003
Expert Consultant to World Health Organization meeting on
Health Impacts of Highly Saline Water in Central Asia
Copenhagen, Denmark, April 2003
Member, Science Advisory Board, US Environmental
Protection Agency (2005-2011)
Member, American Epidemiological Association (2010-)

PUBLICATIONS, RESEARCH AND CREATIVE ACTIVITY:

ORIGINAL ARTICLES PUBLISHED IN PEER-REVIEWED JOURNALS:

**Total Citations of Peer-Reviewed Work by Others (per Google Scholar as of June 2015):
8,881 citations**

1. **Colford JM Jr.**, McPhee S. The ravelled sleeve of care: Managing the stresses of residency training. **Journal of the American Medical Association (JAMA)**, 1989 Feb 10; 261(6):889-893. PMID: 2913386.
2. Breneman E, **Colford JM Jr.**, Aspergillosis of the central nervous system presenting as meningitis. **Clinical Infectious Diseases**, 1992 Oct; 15(4):737-738. PMID: 1420694.
3. **Colford JM Jr.**, Corelli RL, Ganz JW, Guglielmo BJ, Jacobs RA. Home antibiotic therapy for streptococcal endocarditis: A call for a controlled trial. **American Journal of Medicine**, 1993 Jan; 94(1):111-112. PMID: 8420289.
4. **Colford JM Jr.**, Ngo L, Tager I. Factors associated with survival in human immunodeficiency virus-infected patients with very low CD4 counts. **American Journal of Epidemiology**, 1994 Jan 15; 139(2):206-218. PMID: 7905248.
5. **Colford JM Jr.**, Mohle-Boetani J, Vosti KL. Group B streptococcal bacteremia in adults. Five years' experience and a review of the literature. **Medicine**, 1995 Jul; 74(4):176-190. PMID: 7623653.
6. Martin JN, **Colford JM Jr.**, Ngo L, Tager IB. Effect of older age on survival in human immunodeficiency virus (HIV) disease. **American Journal of Epidemiology**, 1995 Dec 1; 142(11):1221-1230. PMID: 7485069.
7. **Colford JM Jr.**, Tager IB, Hirozawa AM, Lemp GF, Aragon T, Petersen C. Cryptosporidiosis among patients infected with human immunodeficiency virus. Factors related to symptomatic infection and survival. **American Journal of Epidemiology**, 1996 Nov 1; 144(9):807-816. PMID: 8890659.
8. **Colford JM Jr.**, Segal M, Tabnak F, Chen M, Sun R, Tager I. Temporal trends and factors associated with survival after *Pneumocystis carinii* pneumonia in California, 1983-1992. **American Journal of Epidemiology**, 1997 Jul 15; 146(2):115-127. PMID: 9230773.
9. Eisenberg JN, Seto EY, **Colford JM Jr.**, Olivieri A, Spear RC. An analysis of the Milwaukee cryptosporidiosis outbreak based on a dynamic model of the infection process. **Epidemiology**, 1998 May;9(3):255-63. PMID: 9583416.

10. Johnston SC, **Colford JM Jr.**, and Gress DR. Oral contraceptives and the risk of subarachnoid hemorrhage: A meta-analysis. **Neurology** 1998 Aug;51(2):411-18. PMID: 9710012.
11. Ruiz JD, Molitor F, Sun RK, Mikanda J, Facer M, **Colford JM Jr.**, Rutherford GW, Ascher MS. Prevalence and correlates of hepatitis C virus infection among inmates entering the California correctional system. **Western Journal of Medicine**, 1999 Mar;170(3):156-60. PMID: 10214102.
12. **Colford JM Jr.**, Tager I, Byers LF, Ricci P, Hubbard A, Horner R, Methods for assessing the public health impact of outflows from combined sewer systems. **Journal of the Air and Waste Management Association**, 1999 Apr, 49(4):454-62. PMID: 10232060.
13. Lan AJ, **Colford JM Jr.** The impact of dosing frequency on the efficacy of 10-day penicillin or amoxicillin therapy for streptococcal tonsillopharyngitis: A meta-analysis. **Pediatrics**, 2000 Feb; 105(2):E19. PMID: 10654979.
14. Hubbard AE, van der Laan MJ, Enanoria W, **Colford JM Jr.** Nonparametric survival estimation when death is reported with delay. **Lifetime Data Analysis**, 2000 Sep;6(3):237-50. PMID: 10949861.
15. Wu YW and **Colford JM Jr.** Chorioamnionitis as a risk factor cerebral palsy: A meta-analysis. **Journal of the American Medical Association (JAMA)**, 2000 Sep 20;284(11):1417-24. PMID: 10989405.
16. Hunter PR, **Colford JM**, LeChevallier MW, Binder S, Berger PS. Waterborne diseases. **Emerging Infectious Diseases**. 2001 May/June;7:544. PMID: 11485661.
17. Lonergan E, Luxenberg J, **Colford J.** Haloperidol for agitation in dementia. **Cochrane Database of Systematic Reviews**. 2001;4:CD002852. PMID: 11687166. Updated 2002 (PMID: 12076456)
18. Eisenberg, JN, Priest JW, Lammie J, and **Colford JM Jr.** The serologic response to *Cryptosporidium* in HIV-infected persons: Implications for epidemiological research. **Emerging Infectious Diseases** 2001 Nov-Dec;7:1004-9. PMID: 11747729.
19. Khalakdina A, Tabnak F, Sun RK, and **Colford JM Jr.** Race/ethnicity and other risk of factors associated with cryptosporidiosis as an initial AIDS-defining condition in California, 1980-99. **Epidemiology and Infection** 2001 Dec;127:535-43. PMID: 11811888.
20. **Colford JM Jr.**, Rees JR, Wade TJ, Khalakdina A, Hilton JF, Ergas IJ, Burns S, Benker A, Ma C, Bowen C, Mills D, Vugia D, Juranek D, and Levy D. Participant blinding and gastrointestinal illness in a randomized, controlled trial of an in-home drinking water intervention. **Emerging Infectious Diseases** 2002 Jan;8:29-36. PMID: 11749745.
21. Eisenberg JN, Wade TJ, Charles S, Vu M, Hubbard A, Wright CC, Levy D, Jensen P, **Colford JM Jr.** Risk factors in HIV-associated diarrhoeal disease: the role of drinking

- water, medication and immune status. **Epidemiology and Infection** 2002 Feb;128:73-81. PMID: 11895094
22. Pai M and **Colford JM Jr.** Clinical trials in India sponsored by the pharmaceutical industry: a proposal for reforms. **National Medical Journal of India** 2002 Mar-Apr;15:93-96. PMID: 12044124
23. Eisenberg JNS, Brookhart A, Rice G, Brown M, and **Colford JM Jr.** Disease transmission models for public health decision making: analysis of epidemic and endemic conditions caused by waterborne pathogens. **Environmental Health Perspectives** 2002 Aug;110:783-90. PMID: 12153759
24. Harris O, **Colford JM Jr.**, Good M, and Matz P. The role of hypothermia in the management of severe brain injury: A meta-analysis. **Archives of Neurology** 2002 Jul;59:1077-83. PMID: 12117354
25. McCulloch M, Broffman M, Gao J, and **Colford JM Jr.** Chinese Herbal Medicine and Interferon in the Treatment of Chronic Hepatitis B: A Meta-Analysis of Randomized, Controlled Trials. **American Journal of Public Health.** 2002 Oct;92:1619-1628. PMID: 12356611
26. Eisenberg JNS, Wade TJ, Hubbard A, Abrams DI, Lesier RJ, Charles S, Vu M, Saha S, Wright CC, Levy DA, Jensen P, **Colford JM Jr.** Associations between water treatment methods and diarrhea in HIV positive individuals. **Epidemiology and Infection** 2002 Oct;129:315-23. PMID: 12405100
27. Brookhart MA, Hubbard AE, van der Laan MJ, **Colford JM Jr.**, Eisenberg JNS. Statistical Estimation of Parameters in a Disease Transmission Model: Estimation: Analysis of a *Cryptosporidium* outbreak . **Statistics in Medicine** 2002 Dec;21:3627-38. PMID: 12436460
28. Khalakdina A, Vugia D, Nadle J, Rothrock G, **Colford J.** Is drinking water a risk factor for endemic cryptosporidiosis?: A case-control study in the immunocompetent general population of the San Francisco Bay Area? **BMC Public Health** 2003;3:11. PMID: 12689343
29. Eisenberg J.N.S., Lewis B. L., Porco T. C., Hubbard A. H., **Colford JM Jr.** Bias due to secondary transmission when estimating attributable risks reported from intervention trials. **Epidemiology.** 2003 Jul;14:442-50. PMID: 12843770
30. Wade TJ, Pai N, Eiesenberg JNS, **Colford JM Jr.** Do US EPA water guidelines for recreational waters prevent gastrointestinal illness? A systematic review and meta-analysis. **Environmental Health Perspectives.** 2003 Jun;111:1102-9. PMID: 12826481
31. Khalakdina A, Selvin S, Merrill D, Erdmann C, **Colford, JM Jr.** Analysis of the spatial distribution of cryptosporidiosis in AIDS patients in San Francisco using density equalized map projections (DEMP). **International Journal of Hygiene and Environmental Health.** 2003 Oct; 206(6): 553-61. PMID: 14626902

32. Pai M, Flores L, Pai N, Hubbard A, Riley L, **Colford JM Jr.** Diagnostic accuracy of nucleic acid amplification tests for tuberculous meningitis: a systematic review and meta-analysis. **Lancet Infectious Disease** 2003 Oct;3:633-43 PMID: 14522262
33. Wade T, Sandhu S, Levy D, Lee S, LeChevalier M, Katz L, **Colford J.** Did a severe flood in the Midwest cause an increase in the incidence of gastrointestinal illness? **American Journal of Epidemiology.** 2004 Feb;159:398-405
34. Eisenberg JN, Soller JA, Scott J, Eisenberg DM, **Colford JM Jr.** A dynamic model to assess microbial health risks associated with beneficial uses of biosolids. **Risk Analysis** 2004 Feb;24(1):221-36. PMID: 15028014
35. Pai M, Flores LL, Hubbard A, Riley LW, **Colford JM Jr.** Nucleic acid amplification tests in the diagnosis of tuberculous pleuritis: a systematic review and meta-analysis. **BMC Infectious Diseases.** 2004 Feb;4:6. PMID 15102325
36. Pai M, McCulloch M, Gorman JD, Pai N, Enanoria W, Kennedy G, Tharyan P, **Colford JM Jr.** Systematic reviews and meta-analyses: an illustrated, step-by-step guide. **National Medical Journal of India.** 2004 Mar-Apr;17(2):86-95. PMID 15141602
37. Fewtrell L and Colford JM Jr. Water, sanitation, and hygiene: Interventions and diarrhea. A systematic review and meta-analysis. **The International Bank for Reconstruction and Development/The World Bank.** Washington DC, July 2004 (Peer-reviewed monograph)
38. Pai M, McCulloch M, Enanoria W, **Colford JM Jr.** Systematic reviews of diagnostic test evaluations: What's behind the scenes? **American College of Physicians Journal Club.** 2004 Jul-Aug;141(1):A11-3.
39. Pai M, Riley LW, **Colford JM Jr.** Interferon-gamma assays in the immunodiagnosis of tuberculosis: a systematic review. **Lancet Infect Dis.** 2004 Dec;4(12):761-76. Review. PMID: 15567126
40. Eisenberg JN, Lei X, Hubbard AH, Brookhart MA, **Colford JM Jr.** The role of disease transmission and conferred immunity in outbreaks: analysis of the 1993 Cryptosporidium outbreak in Milwaukee, Wisconsin. **Am J Epidemiol.** 2005 Jan 1;161(1):62-72. PMID: 15615916
41. Fewtrell L, Kaufmann RB, Kay D, Enanoria W, Haller L, **Colford JM Jr.** Water, sanitation, and hygiene interventions to reduce diarrhoea in less developed countries: a systematic review and meta-analysis. **Lancet Infect Dis.** 2005 Jan;5(1):42-52. PMID: 15620560
42. **Colford JM Jr.**, Wade TJ, Sandhu SK, Wright CC, Lee S, Shaw S, Fox K, Burns S, Benker A, Brookhart MA, van der Laan M, Levy D. A randomized controlled trial of in-home drinking water intervention for the reduction of gastrointestinal illness. **Am J Epidemiol.** 2005 Mar 1;161(5):472-82. PMID: 15718483

43. Rees JR, Wade TJ, Levy DA, **Colford JM Jr.**, Hilton JF. Changes in beliefs identify unblinding in randomized controlled trials: a method to meet CONSORT guidelines. **Contemp Clin Trials**. 2005 Feb;26(1):25-37. PMID: 15837450
44. Pai M, Gokhale K, Joshi R, Dogra S, Kalantri S, Mendiratta DK, Narang P, Daley CL, Granich RM, Mazurek GH, Reingold AL, Riley, **Colford JM Jr.** Mycobacterium tuberculosis infection in health care workers in rural India: comparison of a whole-blood interferon gamma assay with tuberculin skin testing. **JAMA**. 2005 Jun 8;293(22):2746-55. PMID: 15941804
45. **Colford JM Jr**, Saha SR, Wade TJ, Wright CC, Vu M, Charles S, Jensen P, Hubbard A, Levy DA, Eisenberg JN. A pilot randomized, controlled trial of an in-home drinking water intervention among HIV + persons. **J Water Health**. 2005 Jun;3(2):173-84. PMID: 16075942
46. Flores LL, Pai M, **Colford JM Jr**, Riley LW. In-house nucleic acid amplification tests for the detection of Mycobacterium tuberculosis in sputum specimens: meta-analysis and meta-regression. **BMC Microbiol**. 2005 Oct 3;5:55. PMID: 16202138
47. Pai NP, Tulsy JP, Lawrence J, **Colford JM Jr**, Reingold AL. Structured treatment interruptions (STI) in chronic suppressed HIV infection in adults. **Cochrane Database Syst Rev**. 2005 Oct 19;(4):CD005482. Review. PMID: 16235406
48. McCulloch M, See C, Shu XJ, Broffman M, Kramer A, Fan WY, Gao J, Lieb W, Shieh K, **Colford JM Jr.** Astragalus-based Chinese herbs and platinum-based chemotherapy for advanced non-small-cell lung cancer: meta-analysis of randomized trials. **J Clin Oncol**. 2006 Jan 20;24(3):419-30. PMID: 16421421
49. **Colford JM Jr**, Roy S, Beach MJ, Hightower A, Shaw SE, Wade TJ. A review of household drinking water intervention trials and an approach to the estimation of endemic waterborne gastroenteritis in the United States. **Journal of Water and Health**. 2006;4(Suppl 2):71-88.
50. Dogra S, Narang P, Mendiratta DK, Caturvedi P, Reingold AL, **Colford JM Jr.**, Riley LW, Pai M. Comparison of a whole blood interferon-gamma assay with tuberculin skin testing for the detection of tuberculosis infection in hospitalized children in rural India. **Journal of Infection** 2007 Mar;54(3):267-76 (Epub 2006 Jun 2) PMID: 16733068
51. Pai M, Joshi RJ, Dogra S, Mendiratta DK, Narang P, Kalantri S, Reingold AL, **Colford JM Jr.**, Riley LW, Menzies D. Serial testing of health care workers for tuberculosis using interferon-gamma assay. **American Journal of Respiratory Care and Critical Care Medicine** 2006 Aug;174:349-55
52. Eisenberg JNS, Hubbard A, Wade TJ, Sylvester MD, LeChevalier MW, Levy D, **Colford JM Jr.** Inferences drawn from a risk assessment compared directly with a randomized trial of a home drinking water intervention. **Environmental Health Perspectives** 2006 Aug;114:1199-1204
53. **Colford JM Jr**, Wade TJ, Schiff KC, Wright CC, Griffith JF, Sandhu SK, Burns S, Hayes J, Sobsey M, Lovelace G, Weisberg S. Water quality indicators and the risk of

illness at non-point source beaches in Mission Bay, California. **Epidemiology** 2007 Jan;18(1):27-35.

54. Sandhu SK, Priest JW, Lammie J, **Colford JM Jr.**, Eisenberg, JNS. The natural history of antibody responses to Cryptosporidium in men at high risk of HIV infection. **Journal of Infectious Diseases** 2006 Nov;194:1428-37.

55. Kalantri S, Joshi R, Lokhande T, Singh A, Morgan M, **Colford JM Jr.**, Pai M. Accuracy and reliability of physical signs in the diagnosis of pleural effusion. **Respiratory Medicine** 2007 Mar;101(3):431-8. Epub 2006 Sep 11.

56. Arnold B and **Colford JM Jr.**, Treating water with chlorine at point-of-use to improve water quality and reduced child diarrhea in developing countries: A systematic review and meta-analysis. **American Journal of Tropical Medicine and Hygiene** Am J Trop Med Hyg. 2007 Feb;76(2):354-64. PMID: 17297049

57. Pai NP, Tulskey JP, Cohan D, **Colford JM Jr.**, Reingold AL. Rapid point-of-care HIV testing in pregnant women: a systematic review and meta-analysis. **Trop Med Int Health.** 2007 Feb;12(2):162-73.

58. Seto E, Soller J, **Colford JM Jr.**, Strategies to Reduce Person-to-Person Transmission during widespread Escherichia coli O157:H7 Outbreak. **Emerging Infectious Diseases** 2007 Jun;13(6):860-6 PMID: 17553224

59. Enanoria WT, Hubbard AE, van der Laan MJ, Chen M, Ruiz J, **Colford JM Jr.** Early prediction of median survival among a large AIDS surveillance cohort. **BMC Public Health** 2007 Jun 27;7(1):127 PMID: 17597532

60. Morshed S, Bozic KJ, Ries MD, Malchau H, **Colford JM Jr.** Comparison of cemented and uncemented fixation in total hip replacement. **Acta Orthop** 2007 Jun;78(3):315-26 PMID: 17611843

61. Joshi R, **Colford JM Jr.**, Reingold AL, Kalantri S. Nonmalarial acute undifferentiated fever in a rural hospital in central India: diagnostic uncertainty and overtreatment with antimalarial agents. **Am J Trop Med Hyg.** 2008 Mar;78(3):393-9. PMID: 18337332

62. Eisenberg JN, Moore K, Soller JA, Eisenberg D, **Colford JM Jr.** Microbial risk assessment framework for exposure to amended sludge projects. **Environ Health Perspect.** 2008 Jun;116(6):727-33. PMID 18560527

63. Morshed S, Miclau T, Bembom O, Cohen M, Knudson MM, **Colford JM Jr.** Delayed internal fixation of femoral shaft fracture reduces mortality among patients with multisystem trauma. **J Bone Joint Surg Am.** 2009 Jan;91(1):3-13. PMID: 19122073

64. Boehm AB, Ashbolt NJ, **Colford JM Jr.**, Dunbar LE, Fleming LE, Gold MA, Hansel JA, Hunter PR, Ichida AM, McGee CD, Soller JA, Weisberg SB. A sea change ahead for recreational water quality criteria. **J Water Health.** 2009 Mar;7(1):9-20. PubMed PMID: 18957771.

65. Yau V, Wade TJ, deWilde CK, **Colford JM Jr**. Skin-related symptoms following exposure to recreational water: a systematic review and meta-analysis. (**Water Quality Exposure and Health**) 2009 Mar;1:79-103
66. Arnold B, Arana B, Mäusezahl D, Hubbard A, **Colford JM Jr**. Evaluation of a pre-existing, 3-year household water treatment and handwashing intervention in rural Guatemala. **Int J Epidemiol.** 2009 Jul 2. [Epub ahead of print] PubMed PMID: 19574492.
67. Durán Pacheco G, Hattendorf J, **Colford JM Jr**, Mäusezahl D, Smith T. Performance of analytical methods for overdispersed counts in cluster randomized trials: Sample size, degree of clustering and imbalance. **Stat Med.** 2009 Aug 11. [Epub ahead of print] PubMed PMID: 19672840.
68. Mäusezahl D, Christen A, Pacheco GD, Tellez FA, Iriarte M, Zapata ME, Cevallos M, Hattendorf J, Cattaneo MD, Arnold B, Smith TA, **Colford JM Jr**. Solar drinking water disinfection (SODIS) to reduce childhood diarrhoea in rural Bolivia: a cluster-randomized, controlled trial. **PLoS Med.** 2009 Aug;6(8):e1000125. Epub 2009 Aug 18. PubMed PMID: 19688036; PubMed Central PMCID: PMC2719054.
69. Clasen T, Bartram J, **Colford J**, Luby S, Quick R, Sobsey M. Comment on "Household water treatment in poor populations: is there enough evidence for scaling up now?". **Environ Sci Technol.** 2009 Jul 15;43(14):5542-4; author reply 5545-6. PubMed PMID: 19708394.
70. **Colford JM Jr.**, Hilton J, Wright C, Arnold B, Saha S, Wade T, Scott J, Eisenberg J. The Sonoma Water Evaluation Trial: A randomized drinking water intervention trial to reduce gastrointestinal illness in older adults. **Am J Pub Health** 2009 Nov;99(11):1988-95.
71. Arnold BF, Khush RS, Ramaswamy P, London AG, Rajkumar P, Ramaprabha P, Durairaj N, Hubbard AE, Balakrishnan K, **Colford JM Jr**. Causal inference methods to study nonrandomized, preexisting development interventions. **Proc Natl Acad Sci U S A.** 2010 Dec 28;107(52):22605-10. doi: 10.1073/pnas.1008944107. Epub 2010 Dec 13. PubMed PMID: 21149699; PubMed Central PMCID: PMC3012527.
72. Lucas PJ, Cabral C, **Colford JM Jr**. Dissemination of drinking water contamination data to consumers: a systematic review of impact on consumer behaviors. **PLoS One.** 2011;6(6):e21098. doi: 10.1371/journal.pone.0021098. Epub 2011 Jun 27. Review. PubMed PMID: 21738609; PubMed Central PMCID: PMC3124476.
73. Christen A, Duran Pacheco G, Hattendorf J, Arnold BF, Cevallos M, Indergand S, **Colford JM**, Mäusezahl D. Factors associated with compliance among users of solar water disinfection in rural Bolivia. **BMC Public Health.** 2011 Apr 4;11:210. doi: 10.1186/1471-2458-11-210. PubMed PMID: 21463508; PubMed Central PMCID: PMC3098791.
74. Arnold BF, Hogan DR, **Colford JM Jr**, Hubbard AE. Simulation methods to estimate design power: an overview for applied research. **BMC Med Res Methodol.** 2011 Jun 20;11:94. doi: 10.1186/1471-2288-11-94. Review. PubMed PMID: 21689447;

PubMed Central PMCID: PMC3146952.

75. McCulloch M, Broffman M, van der Laan M, Hubbard A, Kushi L, Kramer A, Gao J, **Colford JM Jr**. Lung cancer survival with herbal medicine and vitamins in a whole-systems approach: ten-year follow-up data analyzed with marginal structural models and propensity score methods. *Integr Cancer Ther*. 2011 Sep;10(3):260-79. doi: 10.1177/1534735411406439. Epub 2011 Aug 8. PubMed PMID: 21824893.

76. McCulloch M, Broffman M, van der Laan M, Hubbard A, Kushi L, Abrams DI, Gao J, **Colford JM Jr**. Colon cancer survival with herbal medicine and vitamins combined with standard therapy in a whole-systems approach: ten-year follow-up data analyzed with marginal structural models and propensity score methods. *Integr Cancer Ther*. 2011 Sep;10(3):240-59. doi: 10.1177/1534735411406539. Epub 2011 Sep 30. PubMed PMID: 21964510.

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survival in adult acute encephalitis syndrome in rural Central India. **Clin Neurol Neurosurg**. 2013 May 1. doi:pii: S0303-8467(13)00132-7. 10.1016/j.clineuro.2013.04.008. [Epub ahead of print] PubMed PMID: 23643180.

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86. Arnold BF, Schiff KC, Griffith JF, Gruber JS, Yau V, Wright CC, Wade TJ, Burns S, Hayes JM, McGee C, Gold M, Cao Y, Weisberg S, **Colford JM Jr**. Impact of widely used assumptions on swimmer illness risk associated with marine water exposure and water quality indicators. **Epidemiology (In Press)**

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93. Wolf J, Prüss-Ustün A, Cumming O, Bartram J, Bonjour S, Cairncross S, Clasen T, **Colford JM Jr**, Curtis V, De France J, Fewtrell L, Freeman MC, Gordon B, Hunter PR, Jeandron A, Johnston RB, Mäusezahl D, Mathers C, Neira M, Higgins JP. Assessing the impact of drinking water and sanitation on diarrhoeal disease in low- and middle-income settings: systematic review and meta-regression. **Trop Med Int Health.** 2014 Aug;19(8):928-42. doi: 10.1111/tmi.12331. Epub 2014 May 8. Review. PubMed PMID: 24811732.
94. Clasen T, Pruss-Ustun A, Mathers CD, Cumming O, Cairncross S, **Colford JM Jr**. Estimating the impact of unsafe water, sanitation and hygiene on the global burden of disease: evolving and alternative methods. **Trop Med Int Health.** 2014 Aug;19(8):884-93. doi: 10.1111/tmi.12330. Epub 2014 Jun 9. PubMed PMID: 24909205.
95. Patil SR, Arnold BF, Salvatore AL, Briceno B, Ganguly S, **Colford JM Jr**, Gertler PJ. The effect of India's total sanitation campaign on defecation behaviors and child health in rural Madhya Pradesh: a cluster randomized controlled trial. **PLoS Med.** 2014 Aug 26;11(8):e1001709. doi: 10.1371/journal.pmed.1001709. eCollection 2014 Aug. PubMed PMID: 25157929; PubMed Central PMCID: PMC4144850.
96. Gruber JS, Ercumen A, **Colford JM Jr**. Coliform bacteria as indicators of diarrheal risk in household drinking water: systematic review and meta-analysis. **PLoS One.** 2014 Sep 24;9(9):e107429. doi: 10.1371/journal.pone.0107429. eCollection 2014. Review. PubMed PMID: 25250662; PubMed Central PMCID: PMC4175079.
97. Arnold BF, Khush RS, Ramaswamy P, Rajkumar P, Durairaj N, Ramaprabha P, Balakrishnan K, **Colford JM Jr**. Reactivity in rapidly collected hygiene and toilet spot check measurements: a cautionary note for longitudinal studies. **Am J Trop Med Hyg.** 2015 Jan;92(1):159-62. doi: 10.4269/ajtmh.14-0306. Epub 2014 Nov 10. PubMed PMID: 25385856; PubMed Central PMCID: PMC4347373.
98. Christensen G, Dentz HN, Pickering AJ, Bourdier T, Arnold BF, **Colford JM Jr**, Null C. Pilot cluster randomized controlled trials to evaluate adoption of water, sanitation, and hygiene interventions and their combination in rural western Kenya. **Am J Trop Med Hyg.** 2015 Feb;92(2):437-47. doi: 10.4269/ajtmh.14-0138. Epub 2014 Nov 24. PubMed PMID: 25422394; PubMed Central PMCID: PMC4347353.
99. Ercumen A, Naser AM, Unicomb L, Arnold BF, **Colford JM Jr**, Luby SP. Effects of source- versus household contamination of tubewell water on child diarrhea in rural Bangladesh: a randomized controlled trial. **PLoS One.** 2015 Mar

27;10(3):e0121907. doi: 10.1371/journal.pone.0121907. eCollection 2015. PubMed PMID: 25816342; PubMed Central PMCID: PMC4376788.

100. O'Halloran CL, Silver MW, **Colford JM Jr.** Acute Stress Symptoms Among US Ocean Lifeguards. **Wilderness Environ Med.** 2015 Sep;26(3):442-3. doi: 10.1016/j.wem.2015.02.010. Epub 2015 Apr 15. PubMed PMID: 25890857.

101. Cohen A, Tao Y, Luo Q, Zhong G, Romm J, **Colford JM Jr**, Ray I. Microbiological Evaluation of Household Drinking Water Treatment in Rural China Shows Benefits of Electric Kettles: A Cross-Sectional Study. **PLoS One.** 2015 Sep 30;10(9):e0138451. doi: 10.1371/journal.pone.0138451. eCollection 2015. PubMed PMID: 26421716; PubMed Central PMCID: PMC4589372.

LETTERS TO THE EDITOR (NON-REFEREED):

1. **Colford JM Jr.**, Newman TB. Cat scratch disease (Letter). **New England Journal of Medicine** 1994 Feb 3; 330(5):370-1. PMID: 8277970.
2. Wu YW, **Colford JM, Jr.** Non-English Reports of Medical Research (Letter). **Journal of the American Medical Association (JAMA)** 2000; 284: 2996-2997. PMID: 11122582.
3. Pai M, McCulloch M, **Colford JM Jr.** Meta-analysis of the impact of HIV on the infectiousness of tuberculosis: methodological concerns. **Clinical Infectious Diseases** 2002;34;1285-7. PMID: 11941565.

BOOK CHAPTERS (INVITED):

1. Ernster V, **Colford JM Jr.** Host and disease: The impact of social and demographic factors (Chapter in Harrison's Principles and Practice of Medicine, McGraw-Hill, New York, 1997).

BOOK REVIEWS (INVITED):

Colford JM Jr. Review of Meta-Analysis, Decision Analysis, and Cost-Effectiveness Analysis: Methods for Quantitative Synthesis in Medicine (Second Edition by Diana B. Petitti) in American Journal of Epidemiology.

DOCTORAL DISSERTATION (PHD IN EPIDEMIOLOGY, AWARDED DECEMBER 13, 1996, UNIVERSITY OF CALIFORNIA, BERKELEY)

1. "Approaches to the analysis of survival heterogeneity among patients infected with the immunodeficiency virus (HIV)."

Dissertation Committee:

Ira Tager, MD, MPH (Chair)

Robert Cooper, PhD

Mark Segal, PhD

Warren Winkelstein, Jr, MD, MPH

My dissertation contrasted tree-based with traditional survival methods in the analysis of patients with HIV. The dissertation consists of three articles (all three published separately in the American Journal of Epidemiology) which employ these methods in differing populations of HIV-positive patients.

REPORTS (NON-REFEREED):

1. **Colford JM Jr.**, Byers B, Ricci P, Tager I. Public health risk assessment for outflows from the Sacramento Combined Sewer System. (Report submitted to City of Sacramento and the California Regional Water Quality Control Board, September, 1994.)

GRANTS AND CONTRACTS (AS PRINCIPAL INVESTGATOR)

Total Amount Awarded (1997-2015): \$48,784,333 (30 awards)

1. TITLE: Water Intervention Trial: A randomized double-blinded placebo-controlled trial of household drinking water treatment.

SPONSOR: Public Health Foundation / Centers for Disease Control (CDC).

NUMBER: 445735-79072.

DATES: 12/27/97-12/26/99.

AMOUNT: \$357,561

2. TITLE: A randomized placebo-controlled trial of drinking water treatment among HIV+ persons in San Francisco.

SPONSOR: Universitywide AIDS Research Program (UARP).

NUMBER: M98-B-1300.

DATES: 7/1/98-6/30/01.

AMOUNT: \$154,317

3. TITLE: HIV/AIDS Epidemiology Training and Planning Project.

SPONSOR: California Department of Health Services.

NUMBER: 98-15244.

DATES: 7/1/98-6/30/99.

AMOUNT: \$575,000

4. TITLE: Evaluation of serologic responses to *Cryptosporidium* in HIV-infected individuals.

SPONSOR: Public Health Foundation / Centers for Disease Control (CDC).

NUMBER: 445735-79288.

DATES: 10/1/98-9/30/99.

AMOUNT: \$17,452

5. TITLE: A dynamic model to assess microbial health risks associated with beneficial uses of biosolids.

SPONSOR: Water Environment Research Foundation.

NUMBER: 98-REM-1.

DATES: 10/1/98-1/31/02.

AMOUNT: \$310,052

6. TITLE: Application of density equalized map projections to evaluate spatial clustering of cryptosporidiosis in San Francisco.

SPONSOR: Hellman Family Faculty Fund.

NUMBER: 445735-40904.

DATES: 10/1/98-Indefinite.

AMOUNT: \$30,000

7. TITLE: Randomized trial of tapwater treatment in HIV+ persons.

SPONSOR: Centers for Disease Control (CDC).

NUMBER: UR2/CCU916252.

DATES: 12/15/98-12/14/01.

AMOUNT: \$150,614

8. TITLE: Case-Control Study of Risk Factors for Cryptosporidiosis Among Non-Immunosuppressed Persons in the S.F. Bay Area.

SPONSOR: Public Health Foundation /

Centers for Disease Control (CDC).

NUMBER: 238.004.001.

DATES: 6/1/99-5/3/01.

AMOUNT: \$85,084

9. TITLE: Risk Assessment Research in Disease Transmission Modeling for Pathogens in Drinking Water.

SPONSOR: Environmental Protection Agency (EPA).

NUMBER: R-82742401.

DATES: 7/1/99-6/30/02.

AMOUNT: \$298,641

10. TITLE: HIV/AIDS Epidemiology Training and Planning Project.

SPONSOR: California Department of Health Services.

NUMBER: 99-85819.

DATES: 7/1/99-6/30/00.

AMOUNT: \$495,000

11. TITLE: Water Intervention Studies to Determine the Fraction of Gastrointestinal Illness Attributable to Drinking Water.

SPONSOR: Centers for Disease Control (CDC).

NUMBER: U50/CCU916 961-01.

DATES: 9/30/99-9/29/01.

AMOUNT: \$3,080,857

12. TITLE: Dissemination of new fluoride recommendations.

SPONSOR: Centers for Disease Control (CDC).

NUMBER: SIP 10-99.

DATES: 9/30/99-9/29/00.

AMOUNT: \$99,917

NOTE: I was PI of record only; this research was conceived and carried out at UCSF School of Dentistry (Dr. Silverstein) but CDC required funding to be awarded through UC Berkeley Center for Family and Community Health/Prevention Center).

13. TITLE: Randomized Trial of Tapwater Treatment in the Elderly.

SPONSOR: National Institutes of Health

NUMBER: R01 AG16634

DATES: 7/1/00-5/31/06.

AMOUNT: \$2,858,456

14. TITLE: HIV/AIDS Epidemiology Training/Planning Program.

SPONSOR: California Department of Health Services.

NUMBER: 00-91180.

DATES: 7/1/00-6/30/03.

AMOUNT: \$2,054,808

15. TITLE: Serology of Cryptosporidiosis among HIV+ Persons.

SPONSOR: Public Health Foundation / Centers for Disease Control (CDC).

NUMBER: N/A.

DATES: 9/1/00-12/31/01.

AMOUNT: \$35,288

16. TITLE: A trial to evaluate solar water disinfection (SODIS) in Bolivia Solar Water Disinfections: Randomized Intervention Trial

SPONSOR: National Institutes of Health

NUMBER: R01 AI 50087

DATES: 9/1/02 – 6/30/07

AMOUNT: \$1,953,546

17. TITLE: Epidemiology of illness after recreational water exposure

SPONSOR: California Regional Water Quality Control Board

NUMBER: 02-167-190-0

DATES: 3/1/03-3/31/05

AMOUNT: \$707,460

18. TITLE: HIV/AIDS Epidemiology Training/Planning Program.

SPONSOR: California Department of Health Services.

NUMBER: 03-75650

DATES: 7/1/03-6/30/06.

AMOUNT: \$1,948,864

19. TITLE: Establishment of an East Bay AIDS Research Institute

SPONSOR: UARP/Alta Bates Summit Foundation

NUMBER: 17224

DATES: 1/01/03-12/31/05

AMOUNT: \$58,532

20. TITLE: Water Quality Indicators and Health **Indicators of Recreational Water Contamination and Illness**

SPONSOR: National Institutes of Health

NUMBER: 1R01 ES013519-01A2

DATES: 7/1/06-3/31/11

AMOUNT: \$2,273,473

21. TITLE: HIV/AIDS Epidemiology Training/Planning Program

SPONSOR: California Department of Health Services

NUMBER: 06-55582

DATES: 7/1/06-6/30/09

AMOUNT: \$2,052,758

22. TITLE: Long-Term Outcomes Following a Solar Water Disinfection Intervention in Rural Guatemala

SPONSOR: Institute for Public Health and Water Research

NUMBER: 022284-003

DATES: 12/1/06 – 12/1/08

AMOUNT: \$50,000

23. TITLE: AQUATEST: A Programme to Develop Low-Cost Water Quality Testing for the Developing World

SPONSOR: University of Bristol (Bill & Melinda Gates Foundation)

DATES: 10/1/08-9/30/13

AMOUNT: \$272,294

24. TITLE: WASH Benefits: Randomized Controlled Trial to evaluate single and combined water, sanitation, and hygiene interventions in Bangladesh and Kenya

SPONSOR: Bill & Melinda Gates Foundation

DATES: 9/17/09 – 9/30/15

AMOUNT: \$11,024,262

25. TITLE: WASH Benefits Supplement: Effectiveness of nutritional supplementation in improving stunting, cognition and health in children.

SPONSOR: Bill & Melinda Gates Foundation

DATES: 10/01/11 – 9/30/15

AMOUNT: \$8,354,254

26. TITLE: WASH Benefits Supplement: Impacts of household environmental and nutritional interventions on the prevalence and intensity of intestinal parasitic infection in children 21-30 months old.

SPONSOR: Bill & Melinda Gates Foundation

DATES: 10/01/11 – 9/30/15

AMOUNT: \$4,295,605

27. TITLE: WASH Benefits Supplement: Randomized evidence for the impact of household environmental interventions on intestinal parasitic infection in young children

SPONSOR: Bill & Melinda Gates Foundation

DATES: 10/01/11 – 9/30/15

AMOUNT: \$4,846,945

28. TITLE: WSP (Waster and Sanitation Program) Impact Evaluation

SPONSOR: The World Bank

DATES: 09/30/10-11/30/12

TOTAL AWARD AMOUNT: \$86,250

29. TITLE: The Identification and Measurement of Externalities in Impact Evaluations: A Systematic Review

SPONSOR: International Initiative for Impact Evaluation (3ie)

DATES: 01/10/13-03/09/14

TOTAL AWARD AMOUNT: \$103,179

30. TITLE: Child health risks attributable to swimming in contaminated water at beaches in the USA: A 13-beach study

SPONSOR: NIH / NICHD (R03)
DATES: 09/01/13-08/31/15
TOTAL AWARD AMOUNT: \$153,500

31. TITLE: Effects of sanitation on pathogen transmission and child health in Bangladesh
SPONSOR: NIH / NIAID (R01)
DATES: 9/1/13-8/31/17
TOTAL AWARD AMOUNT: \$2,692,294
STATUS: Impact Score = 18; Percentile = 5 (2013 payline is 8th percentile for NIAID so funding is expected after NIH Council meeting in Fall 2013)

32. TITLE: The combined effects of population density and sanitation coverage on enteric infections in Santa Rosa, Guatemala
SPONSOR: USAID (TRAction)
DATES: 07/15/13-01/14/14
TOTAL AWARD AMOUNT: \$99,900
STATUS: Notified June 2013 that proposal has been advanced to final review stage

33. TITLE: Spillover effects of water, sanitation, and hygiene interventions on child health
SPONSOR: NIH / NICHD (R21)
DATES: 07/15/13-01/14/14
TOTAL AWARD AMOUNT: \$365,081
STATUS: Impact Score = 23; Percentile = 10 (awaiting 2013 final NICHD payline decision for funding decision)

INVITED PRESENTATIONS AND ABSTRACTS

INTERNATIONAL

- *Abstract (submitted):* Evaluation of the field efficacy of a household UV water disinfection system: The Mesita Azul randomized control stepped wedge trial in Baja California Sur, Mexico. (authors: Reygadas F, Gruber JS, Ray I, **Colford JM Jr.**, Nelson K. International Water Association Meeting, Mexico City, Mexico, November 2012
- *Panel member* (one of ~10 chosen internationally). American Academy of Microbiology Clean Water Colloquium, October 5-8, 2006 Tucson, Arizona
- *Oral presentation.* Infectious Diseases Society of America. Epidemiology of waterborne diseases. San Francisco, October 2005.
- *Abstract:* Quality assessment in meta-analyses of diagnostic studies: what difference does email contact with authors make? Pai M (presenter), **Colford JM Jr.**. Cochrane International Colloquium, Barcelona, Spain, October 26-31, 2003.
- *Abstract:* An increase in gastrointestinal illness associated with historic flooding of the Mississippi River: Disease surveillance form a randomized trial of in-home drinking water treatment. International Conference on Emerging Infectious Diseases, Atlanta, Georgia, March 24-27, 2002 (authors: Wade TJ, Sandhu SK, Wright CC, Lee S, Katz LM, Shaw SE, LeChevallier MW, Levy DA, **Colford JM Jr.**)
- *Oral presentation (and abstract):* Is drinking water a risk factor for endemic cryptosporidiosis in the immunocompetent general population of the San Francisco Bay Area? International Conference on Emerging Infectious Diseases, Atlanta, Georgia, March 24-27, 2002 (authors: Khalakdina K (presenter), Vugia D, Nadle J, Rothrock G, and **Colford JM Jr.**)

- *Abstract: Analysis of the spatial distribution of cryptosporidiosis in AIDS patients in San Francisco using density equalized map projections (DEMP).* International Conference on Emerging Infectious Diseases, Atlanta, Georgia, March 24-27, 2002 (authors: Khalakdina K (presenter), Selvin S, Merrill, D, Erdmann C, **Colford JM Jr.**)
- *Oral presentation (and paper): Approaches to the analysis of the health effects of HPC bacteria: Results from a randomized, controlled trial of home drinking water treatment.* International Conference on HPC bacteria in drinking water, Geneva, Switzerland, April 2002 (authors: Rees JR, Wade TJ (presenter), Mills DS, Levy DA, **Colford JM Jr.**)
- *Oral presentation (and paper): Approaches to the analysis of the health effects of HPC bacteria: Results from a randomized, controlled trial of home drinking water treatment.* International Conference on HPC bacteria in drinking water, Geneva, Switzerland, April 2002 (authors: Rees JR, Wade TJ (presenter), Mills DS, Levy DA, **Colford JM**)
- *Oral presentation (and abstract): Approaches to the study of endemic waterborne disease.* International Conference on Emerging Infectious Diseases, Atlanta, Georgia, July 18, 2000. (authors: **Colford JM Jr.**, Rees JR, Wade TJ, Khalakdina A, Hilton JF, Ergas IJ, Burns S, Benker A, Ma C, Bowen C, Mills D, Vugia D, Juranek D, and Levy D)
- *Oral presentation (and abstract): Mortality and health care costs for 6,297 AIDS patients in California before and after protease inhibitors (#12264).* (authors: Chen M, Rains J, Hiehle G, Sun R (presenter), and **Colford JM Jr.**) XII World AIDS Conference, Geneva, Switzerland, July 1998
- *Abstract: “Risk of presentation with cryptosporidiosis as an AIDS-defining condition in California (#13242).”* (authors: Khalakdina A, Tabnak F, Haight T, Sun R, and **Colford JM Jr.**) 12th World AIDS Conference, Geneva, July 1998
- *Abstract: Survival differences over time related to gender and age at diagnosis among California AIDS cases (#13387).* (authors: Bryan J, Sun R, **Colford JM Jr.**) #13387: 12th World AIDS Conference, Geneva, July 1998
- *Abstract: Gender-specific risk of Pneumocystis carinii pneumonia as an initial AIDS indicator disease among adults in California (#22185).* (authors: Tabnak F, Gilson A, Sun R, **Colford JM Jr.**) 12th World AIDS Conference, Geneva, July 1998
- *Abstract: Trends in AIDS-defining conditions as an initial diagnosis among adult HIV-infected patients in California* (authors: Sun R, Tabnak F, **Colford JM Jr.**, Trevejo R) XI International Conference on AIDS, Vancouver, Canada, July 7-12, 1996.
- *Abstract: Independent predictors of survival among 293 HIV-infected men.* VIII International Conference on AIDS, Amsterdam, The Netherlands, Poster PoC 4382, July, 1992, (authors: **Colford JM Jr.**, Ngo B and Tager I)

NATIONAL AND LOCAL:

- *Abstract (submitted): Barriers and drivers to adoption and use of a household ultraviolet disinfection system: A randomized control stepped wedge trial in Baja California Sur, Mexico* (authors: Reygadas F, Gruber JS, Nelson K, **Colford JM Jr.**, Ray I. UNC Water and Health Conference, Chapel Hill, NC, October 2013
- *Abstract (submitted): Reactivity of handwashing and latrine spot check measurements to repeated household visits despite an absence of intervention or promotion activities.* (authors: Arnold BF, Khush RS, Ramaswamy P, Rajkumar P, Durairai N, Balakrishnan K, **Colford JM Jr.**) UNC Water and Health Conference, Chapel Hill, NC, October 2013
- *Abstract (submitted): The effect of program implementation quality on handwashing behavior: results from a national-scale water, sanitation, and hygiene intervention in rural Bangladesh.* (authors: Benjamin-Chung J, Sultana S, Halder AK, Arnold BF, Hubbard A, Unicomb L, Luby SP, **Colford JM Jr.**) UNC Water and Health Conference, Chapel Hill, NC, October 2013

- *Oral presentation:* Understanding design and analysis choices in epidemiologic studies of recreational water and health: Examples from Doheny, Malibu, and Avalon beaches in California. (authors: **Colford JM Jr.**, Arnold BF, Schiff K, Griffith J, Gruber J, Yau V, Wright C, Burns S, Hayes J, McGee C, Gold M, Cao Y, Weisberg S). Recreational Water Quality Conference, University of Hawaii, Honolulu, March 2013
- *Abstract:* Association between efficiently collected measures and observed measures of handwashing behavior in the impact evaluation of the Vietnam Handwashing Initiative. Sahli M, Chase C, Arnold B, Briceno B, **Colford J**, Gertler P, and Ram P. American Society of Tropical Medicine and Hygiene, Atlanta, GA, November 2012
- *Abstract:* Microbiological effectiveness of treating and safely storing shallow tubewell water in rural Bangladesh: A Pilot Study. (authors: Naser A, Ercumen A, Arnold BF, **Colford JM Jr.**, Islam M, Unicomb L, Luby SP. American Society of Tropical Medicine, Philadelphia, PA, December 2011
- *Oral presentation:* Multi-country analysis of the optimal recall period to use for caregiver-reported morbidity when morbidity is used to estimate treatment effects. (authors: Arnold BF, Briceno B, Ram PK, Galiani S, Gertler P, and **Colford JM Jr.**, Water and Health Conference, UNC, Chapel Hill, NC, October 2011)
- *Abstract:* Indoor air pollution due to biomass fuel combustion and acute respiratory infection in children under 5 in Trichy district of rural Tamilnadu. Ramaswamy P, Balakrishna K, Ghosh S, Ramaprabha P, Rajkumar P, Durairaj, Gray A, Khush R, Arnold BF, Colford JM Jr. ISEE 2010, Seoul, South Korea. Epidemiology 22(1):S104, January 2011
- *Oral presentation:* Rapid indicators for Enterococcus and the risk of illness after exposure to urban run-off. (authors: **Colford JM Jr.**, Schiff K, Griffith J, Yau V, Wright C, Arnold B, Gruber J, Wade T, McGee C, Gold M, Weisberg S.) National Beaches Conference, Miami, Florida, March 2011
- *Oral presentation:* A causal framework for evaluating pre-existing interventions: An example motivated by efforts in the water, sanitation, and hygiene sector in rural India. Arnold BF, Khush K, Ramaswamy P, London A, Rajkumar P, Ramaprabha P, Durairaj N, Hubbard A, Balakrishnan P, **Colford JM Jr.** American Society of Tropical Medicine and Hygiene, Atlanta, Georgia, November 2010
- *Abstract:* Study Design and Baseline Findings from an Evaluation of Integrated Water, Sanitation and Hygiene Interventions in Rural Tamil Nadu, India. (authors: Benjamin Arnold, Ranjiv Khush, Padmavathi Ramaswamy, Alicia London, Prabhakar Ramaprabha, Paramasivan Rajkumar, Kalpana Balakrishnan, **John M. Colford, Jr.** ISEE Abstract #1079, Pasadena, California, October 2008
- *Oral presentation:* Three years later: Environmental health impacts of a community water and sanitation project in rural Maharashtra, India. Pattanayak SK, Yang JC, Patil SR, Poulos C, Arnold B, **Colford JM Jr.** American Public Health Association, San Diego, CA, October 2008
- *Oral presentation:* Results from a randomized trial of an in-home drinking water intervention. **Colford JM Jr.** (presenter), Wade T, Sandhu S, Wright C, Lee S, Shaw S, Fox K, Burns S, Benker A, Brookhart A, van der Laan M, Levy D. International Society of Environmental Epidemiology, Perth Australia, September 24-26, 2003.
- *Oral presentation:* Potential health effects of saline waters: Toxicology and Epidemiology. Teaf C (presenter), Aertgeerts R, and **Colford JM Jr.** Sixth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe and the Commonwealth of Independent States, Prague, September 1-4, 2003
- *Abstract:* Bay Area Clinical Research Symposium: Saha S (presenter), Burack, J, Mandelke J, Thomas B, Holman P, Hubbard A, Riley L, Eisenberg J, **Colford JM Jr.** An enhanced approach for studying the causes of diarrheal disease in an HIV+ population: The Enteric Pathogens Microarray Study. San Francisco, October 2003

- *Oral presentation:* Workshop on Research on Microorganisms in Drinking Water. Studying endemic waterborne disease through the use of randomized trials of in-home drinking water treatment. Wade T (presenter), **Colford JM Jr.** USEPA, Cincinnati, Ohio, August 5-7, 2003
- *Oral presentation:* National Academy of Sciences, National Research Council, Committee on Waterborne Indicator Pathogens: Wade TJ, Pai N, Eisenberg J, **Colford JM Jr.** “Systematic Review and Meta-Analysis of Epidemiologic Evidence of Associations between Waterborne Indicator Organisms and Health Outcomes, Washington, DC, September 4, 2002.
- *Oral presentation:* CDC Water Partner’s National Meeting. **Colford JM Jr.**, “Randomized trials of drinking water treatment”, Atlanta, Georgia, March 22, 2002
- *Oral presentation:* Pai M (presenter), McCulloch M, and **Colford JM Jr.**, Bero L. Evaluation of study quality, heterogeneity, and publication bias: A survey of systematic reviews on HIV/AIDS. Mathematical Sciences Research Institute (conference on Statistical Methods in Meta-Analysis). Berkeley, California, May 6-9, 2002.
- *Oral presentation:* Aragon T (presenter), Porco T, and **Colford JM Jr.** Introducing EpiTools.net: Internet tools for epidemiologists. American Public Health Association, November 12-16, 2000.
- *Oral presentation:* **Colford JM Jr.** National Estimate of Waterborne Diseases: Household Intervention Studies. EPA Public Meeting, Washington, DC November 18, 1999.
- *Oral presentation:* Wu YW (presenter), **Colford JM Jr.** Chorioamnionitis as a risk factor for cerebral palsy: a meta-analysis. Child Neurology Society, October 26, 2000.
- *Oral presentation:* **Colford JM Jr.**, Expert panel on Waterborne Transmission of Enteric Pathogens, June 13/14, 2000, Crystal City, Virginia.
- *Oral presentation:* **Colford JM Jr.** Endemic waterborne disease in the United States. National meeting, Water Quality Association, Long Beach, CA, March 22, 2000.
- *Oral presentation:* **Colford JM Jr.** Water evaluation trial: A randomized, placebo-controlled intervention study of supplemental in-home drinking water treatment. California Department of Health Services, Division of Communicable Diseases Control, Berkeley, California, December 3, 1999.
- *Oral presentation:* **Colford JM Jr.** The epidemiology of endemic risk from pathogens in drinking water. Invited presentation to EPA Federal Advisory Commission on Drinking Water Safety, Washington, DC, September 1999
- *Oral presentation:* **Colford JM Jr.** Designing and implementing health outcomes research. Keynote address at annual meeting of American Academy of Optometry, Public Health Section, San Francisco, California, December 1998
- *Oral presentation:* **Colford JM Jr.** Health effects of emerging waterborne pathogens. American Water Works Association national symposium on watershed management, Burlingame, California, October, 1998
- *Oral presentation:* **Colford JM Jr.** Don’t drink the water: Sage advice or wet blanket? Foundations for Public Health Symposium, Berkeley, California, October 1998
- *Oral presentation (and abstract):* Blinding Effectiveness in Randomized Trials of Drinking Water Interventions.” **Colford JM Jr.**, Rees J, Khalakdina A, Hilton J, Bowen C, Vugia D, Reingold A, Calderon R, Mackenzie W Annual meeting, International Society of Environmental Epidemiology (ISEE), Boston, Massachusetts, August 1998
- *Oral presentation (and abstract):* Quantitating and reducing infectious disease risks related to drinking water: Roles of the microbiologist, infectious disease specialist, public health professional, and the water industry. (authors: **Colford JM Jr.**, Rees J, Khalakdina A, Hilton J, Bowen C, Vugia D, Reingold A, Calderon R, Mackenzie W.) American Society of Microbiology annual meeting, (Section Y: Public Health:Prevention and Infection: New Tools of an Old Trade), Atlanta, Georgia, May 1998

- *Abstract: Eisenberg JE, Jensen P, Colford JM Jr., Randomized trial of tapwater treatment in HIV+ Persons. Universitywide AIDS Research Program Annual Conference, (M98-B-1300). Burlingame, California, February 1999.*
- *Oral presentation: Colford JM Jr., A randomized, triple-blinded, placebo-controlled trial of the feasibility of household drinking water intervention studies. EPA Workshop on Waterborne Disease Research. Arlington, Virginia, October 1997*
- *Abstract: Pneumocystis carinii pneumonia as an initial diagnosis among adult female AIDS patients reported in California, 1983-1993. (authors: Tabnak F, Trevejo R, Sun R, Colford JM, Jr.) National Conference on Women and HIV, Los Angeles, California, May 4-7, 1997*
- *Abstract: Isoniazid related side effects experienced by health care workers. (authors: Fong L, Colford JM Jr., Jensen P). Seventh Annual Meeting of the Society for Healthcare Epidemiology of America, St. Louis, Missouri, April 27-29, 1997*
- *Oral presentation: Colford JM Jr., Cryptosporidiosis update for public health officers. California Council of Local Health Officers, Emeryville, California, April 1997*
- *Oral presentation: Colford JM Jr., Cryptosporidiosis and water supplies. U.S. Department of Agriculture Western Research Center, Emeryville, California, March 1997*
- *Oral presentation: Colford JM Jr., Update on protease inhibitor therapy. Invited lecture to California Department of Health Services, Office of AIDS, January 1997*
- *Abstract: Socioeconomic status and AIDS incidence in California: Implications for prevention. (authors: Young B, Colford JM Jr., Tabnak F, Singleton J, Sun R, Tager I). American Public Health Association, 124th Annual Meeting, New York, November 17-21, 1996*
- *Oral presentation: Colford JM Jr., Meta-Analysis. UC San Francisco Continuing Education Course on Research Methods, October 1996*
- *Oral presentation: Colford JM Jr., Methodologic issues in the design of studies of waterborne cryptosporidiosis. Workshop sponsored by Centers for Disease Control and Prevention and the American Water Works Association Research Foundation, Atlanta, Georgia, June 1996*
- *Oral presentation: Colford JM Jr., A physician's view of cryptosporidiosis research efforts and cooperative initiatives with water suppliers. Annual national meeting of the Association of Metropolitan Water Agencies, San Francisco, California, October, 1995*
- *Oral presentation: Colford, JM Jr., "Cryptosporidiosis: Epidemiology and clinical features." Public Health Grand Rounds, San Francisco Department of Public Health, November, 1995*
- *Oral presentation: Colford, JM Jr., Medical aspects of cryptosporidiosis in HIV-infected patients. California State Water Utilities Conference, June, 1995*
- *Oral presentation: Colford, JM Jr., Cryptosporidiosis. Conference on Livestock and Waste Impacts on Water Quality, University of California, Davis School of Veterinary Medicine, June 1995*
- *Oral presentation: Colford, JM Jr., Risk factors for survival and infection in HIV-infected patients. Public Health Grand Rounds, San Francisco Department of Public Health, October, 1994*
- *Oral presentation (and abstract): Colford JM Jr., Ngo L, and Tager I. Independent predictors of survival among 293 HIV-infected men. National Institute of Mental Health, Workshop on HIV Research, Bethesda, Maryland, May, 1993*
- *Oral presentation: Colford JM Jr. and Petersen C. The epidemiology of Cryptosporidium in HIV-infected patients. Workshop on *Cryptosporidium* and public water supplies, San Francisco General Hospital, San Francisco, California, January, 1993*
- *Oral presentation: Colford JM Jr. (presenter), Mohle-Boetani J, and Vosti K. Group B streptococcal infections at Stanford Hospital. Medical Grand Rounds, Stanford University Medical School, June, 1990*

TEACHING ACTIVITIES

FORMAL/SCHEDULED CLASSES AT THE UNIVERSITY OF CALIFORNIA, BERKELEY

Academic Year/Quarter	Course Title/Number /Units	Nature of Contribution	Size of Class
Spring, 1994	Advanced Epidemiologic Methods/PH 250B / 2 units Instructor (T.A.) Rating: 4.7 / 5.0 Note: This course was later re-named "250C" (in 1996)	Teaching Assistant	32 registered
Fall, 1996	Epidemiologic Methods II/ PH 250B (new course) / 3 units Instructor Rating: 4.3 / 5.0 Course Rating: 4.0 / 5.0	Sole Instructor	31 registered
Fall, 1997	Epidemiologic Methods II/ PH 250B/ 4 units Instructor Rating: 4.5 / 5.0 Course Rating: 4.4 / 5.0	Sole Instructor	42 registered
Fall, 1997	Techniques for the Systematic Review of Epidemiologic Literature/PH 295 (5)/ 2 units Instructor Rating: 4.8 / 5.0 Course Rating: 4.4 / 5.0	Sole Instructor	12 registered
Fall, 1998	Epidemiologic Methods II/ PH 250B/ 4 units Instructor Rating: 4.5 / 5.0 Course Rating: 4.1 / 5.0	Sole Instructor	58 registered
Fall, 1998	Techniques for the Systematic Review of Epidemiologic Literature/PH 295 (5)/2 units Instructor Rating: 4.9 / 5.0 Course Rating: 4.9 / 5.0	Sole Instructor	14 registered
Fall, 1999	Epidemiologic Methods II/ PH 250B/4 units Instructor Rating: 4.5 / 5.0 Course Rating: 4.4 / 5.0	Sole Instructor	63 registered
Fall, 1999	Techniques for Systematic Review of Epidemiologic Literature/PH 251C (5) / 2 units Instructor Rating: N/A Course Rating: N/A	Sole Instructor	8 registered

Fall, 2000	Intervention Trial Design / PH295.5 / 3 units Instructor Rating: 5.0 / 5.0 Course Rating: 4.9 / 5.0	Sole Instructor	7 registered
Fall, 2000	Epidemiologic Methods II/ PH 250B / 4 units Instructor Rating: 4.8 / 5.0 Course Rating: 4.4 / 5.0	Sole Instructor	68 registered
Fall, 2001	Epidemiologic Methods II/ PH 250B / 4 units Instructor Rating: 4.6 / 5.0 Course Rating: 4.3 / 5.0	Sole Instructor	72 registered
Fall, 2001	Intervention Trial Design / PH295.5 / 3 units Instructor Rating: 4.6 / 5.0 Course Rating: 4.4 / 5.0	Sole Instructor	26 registered

NOTE: UNIVERSITY CHANGED FROM 5 (BEST) POINT TO 7 (BEST) POINT SCALE IN FALL 2001

Fall, 2002	Epidemiologic Methods II/ PH 250B / 4 units Instructor Rating: 6.2 / 7.0 Course Rating: 5.7 / 7.0	Sole Instructor	79 registered
Fall, 2002	Intervention Trial Design / PH295.5 / 3 units Instructor Rating: 6.9 / 7.0 Course Rating: 6.3 / 7.0	Sole Instructor	16 registered
Fall, 2003	Sabbatical (no courses)		
Fall, 2004	Epidemiologic Methods II/ PH 250B / 4 units Instructor Rating: 6.5 / 7.0 Course Rating: 6.2 / 7.0	Sole Instructor	76 registered
Fall, 2004	Intervention Trial Design / PH295.5 / 3 units Instructor Rating: 6.7 / 7.0 Course Rating: 6.6 / 7.0	Sole Instructor	16 registered
Fall, 2005	Epidemiologic Methods II/ PH 250B / 4 units Instructor Rating: 6.5 / 7.0 Course Rating: 6.0 / 7.0	Sole Instructor	103 registered
Fall, 2005	Intervention Trial Design / PH252c / 3 units Instructor Rating: 6.8 / 7.0	Sole Instructor	25 registered

	Course Rating: 6.5 / 7.0		
Fall, 2006	Epidemiologic Methods II/ PH 250B / 4 units Instructor Rating: 6.4 / 7.0 Course Rating: 6.0 / 7.0	Sole Instructor	60 registered
Fall, 2006	Intervention Trial Design / PH252c / 3 units Instructor Rating: 6.9 / 7.0 Course Rating: 6.5 / 7.0	Sole Instructor	11 registered
Fall, 2007	Epidemiologic Methods II/ PH 250B / 4 units Instructor Rating: 6.8 / 7.0 Course Rating: 6.5 / 7.0	Sole Instructor	65 registered
Fall, 2007	Intervention Trial Design / PH252c / 3 units Instructor Rating: 6.9 / 7.0 Course Rating: 6.6 / 7.0	Sole Instructor	27 registered
Fall, 2008	Sabbatical (no courses)		
Fall, 2009	Epidemiologic Methods II/ PH 250B / 4 units Instructor Rating: 6.1 / 7.0 Course Rating: 5.8 / 7.0	Sole Instructor	59 registered
Fall, 2009	Intervention Trial Design / PH252c / 3 units Instructor Rating: 6.4 / 7.0 Course Rating: 6.3 / 7.0	Sole Instructor	22 registered
Fall 2010	Intervention Trial Design / PH252c / 3 units Instructor Rating: 7.0 / 7.0 Course Rating: 7.0 / 7.0	Sole Instructor	14 registered
Fall 2011	Intervention Trial Design / PH252c / 3 units Instructor Rating: 6.6 / 7.0 Course Rating: 6.3 / 7.0	Sole Instructor	15 registered
Fall 2011	Impact Evaluation for Health Prof / PH290 / 3 units Instructor Rating: 6.6 / 7.0 Course Rating: 6.6 / 7.0	co-Instructor (with Paul Gertler)	27 registered
Fall 2012	Epidemiologic Methods II / PH250b / 3 units Instructor Rating: 6.7 / 7.0 Course Rating: 6.0 / 7.0	Sole Instructor	63 registered
Fall 2012	Intervention Trial Design / PH252c / 3 units	co-Instructor (with Paul Gertler)	7 registered

Instructor Rating: 6.9 / 7.0
 Course Rating: 6.6 / 7.0

Fall 2012	Impact Evaluation for Health Prof / PH290 / 3 units Instructor Rating: 6.7 / 7.0 Course Rating: 6.3 / 7.0	co-Instructor (with Paul Gertler)	20 registered
Fall 2013	Sabbatical		
Fall 2014	Impact Evaluation for Health Prof / PH290 / 3 units Instructor Rating: 6.8 / 7.0 Course Rating: 6.4 / 7.0	co-Instructor (with Paul Gertler)	26 registered
Fall 2014	Epidemiologic Methods II / PH250b / 3 units Instructor Rating: 6.3 / 7.0 Course Rating: 5.9 / 7.0	Sole Instructor	80 registered
Fall 2014	Intervention Trial Design / PH252c / 3 units Instructor Rating: 6.8 / 7.0 Course Rating: 6.1 / 7.0	Sole Instructor	10 registered
Fall 2015	Impact Evaluation for Health Prof / PH290 / 3 units (currently in session)	co-Instructor (with Paul Gertler)	65 registered
Fall 2015	Seminar for Epidemiology MPH PH292.6 / 2 units (currently in session)	Sole Instructor	15 registered
Fall 2015	Intervention Trial Design / PH252c / 3 units (currently in session)	Sole Instructor	7 registered

FORMAL/SCHEDULED CLASSES AT THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Academic Year/Quarter	Course Title	Nature of Contribution	Size of Class
Fall, 1992	Research Methods (Review Sessions)	Section Leader	7 postgraduate students
Fall, 1993	Research Methods	Section Leader	8 postgraduate students
Fall, 1994	Research Methods (Review Sessions)	Section Leader	10 postgraduate students

Spring, 1995	Epidemiology and Biostatistics 101	Section Leader	10 first-year medical students
Fall, 1995	Research Methods	Section Leader	9 postgraduate students

FORMAL/SCHEDULED CLASSES AT THE UNIVERSITY OF ZURICH, SWITZERLAND

<u>Academic Year/Quarter</u>	<u>Course Title</u>	<u>Nature of Contribution</u>	<u>Size of Class (approx)</u>
Summer, 1997	Methoden der Epidemiologie	Sole instructor (2 days)	35
Summer, 1998	Methoden der Epidemiologie	Sole instructor (2 days)	35
Summer, 1999	Methoden der Epidemiologie	Sole instructor (2 days)	35
Summer, 2000	Methoden der Epidemiologie	Sole instructor (2 days)	42
Summer, 2001	Methoden der Epidemiologie	Sole instructor (4 days)	50
Summer, 2002	Methoden der Epidemiologie	Sole instructor (4 days)	46
Summer, 2003	Methoden der Epidemiologie	Sole instructor (4 days)	46
January 2003	Introductory Epidemiology (in Physiotherapy curriculum)	Sole instructor (5 days)	30
Summer, 2004	Methoden der Epidemiologie	Sole instructor (4 days)	25
Summer, 2005	Methoden der Epidemiologie	Sole instructor (4 days)	25
Summer, 2006	Methoden der Epidemiologie	Sole instructor (4 days)	25
Summer 2006	Introductory Epidemiology (in Physiotherapy curriculum)	Sole instructor (5 days)	30

Summer, 2007	Methoden der Epidemiologie	Sole instructor (4 days)	25
Summer, 2008	Methoden der Epidemiologie	Sole instructor (4 days)	20
Summer, 2009	Methoden der Epidemiologie	Sole instructor (3 days)	21
Summer, 2010	Methoden der Epidemiologie	Sole instructor (3 days)	23
Summer, 2011	Methoden der Epidemiologie	Sole instructor (3 days)	23
Summer, 2012	Methoden der Epidemiologie	Sole instructor (3 days)	22
Summer, 2013	Methoden der Epidemiologie	Sole instructor (3 days)	20

FORMAL/SCHEDULED CLASSES AT THE UNIVERSITY OF MICHIGAN, ANN ARBOR, SCHOOL OF PUBLIC HEALTH, GRADUATE SUMMER SESSION

Academic Year/Quarter	Course Title	Nature of Contribution	Size of Class (approx)
Summer, 1998	Introduction to Systematic Review and Meta-Analysis (5 days) Course rating: 4.9 / 5.0 Instructor rating: 4.9 / 5.0	Sole instructor	8
Summer, 1999	Introduction to Systematic Review and Meta-Analysis (5 days) Course rating: 4.9 / 5.0 Instructor rating: 5.0 / 5.0	Sole instructor	10
Summer, 2001	Introduction to Systematic Review and Meta-Analysis (2 days) Course rating: 4.7 / 5.0 Instructor rating: 5.0 / 5.0	Sole instructor	21

Summer, 2002	Introduction to Systematic Review and Meta-Analysis (2 days) Course rating: 4.8 / 5.0 Instructor rating: 4.9 / 5.0	Sole instructor	21
Summer, 2003	Introduction to Systematic Review and Meta-Analysis (2 days) Course rating: 5.0 / 5.0 Instructor rating: 5.0 / 5.0	Sole instructor	13
Summer, 2004	Introduction to Systematic Review and Meta-Analysis (2 days) Course rating: 4.9 / 5.0 Instructor rating: 4.9 / 5.0	Sole instructor	13
Summer, 2005	Introduction to Systematic Review and Meta-Analysis (2 days) Course rating: 4.8 / 5.0 Instructor rating: 4.9 / 5.0	Sole instructor	8
Summer, 2006	Introduction to Systematic Review (2 days) Course rating: 4.9 / 5.0 Instructor rating: 4.9 / 5.0	Sole instructor	8

Doctoral Dissertation Committees

Year	Name	Department	Degree	Role
1997	Edwin Duncan Charlebois <i>The molecular epidemiology of HIV-1 in selected risk groups in San Francisco: Feasibility and application</i>	Epidemiology	PhD	Member
1997	Williamson Bradford <i>Malabsorption of anti-tuberculosis drugs in African AIDS patients</i>	Epidemiology	PhD	Member
1998	Alan Edward Hubbard <i>Applications of Locally Efficient Estimation to Censored Data models</i>	Biostatistics	PhD	Member
2001	Chris Quale <i>Nonparametric and semiparametric methods for three incomplete data structures</i>	Biostatistics	PhD	Member
2001	Clayton Johnson <i>Methods for identifying and controlling confounding by indication in observational studies</i>	Epidemiology	PhD	Member
2001	Maja Pavlic <i>Estimating the number of components in a mixture and analysis of recurrent events with time dependent covariates in the presence of depending censoring</i>	Biostatistics	PhD	Member
2001	Asheena Khalakdina <i>The epidemiology of endemic cryptosporidiosis: Risk factors, modes of transmission, and spatial analysis</i>	Epidemiology	PhD	Chair
2001	Judy Rees <i>A Drinking Water Evaluation Trial</i>	Epidemiology	PhD	Chair
2002	Jennifer Bryan <i>Statistical methods for gene expression analysis from cDNA Microarrays.</i>	Biostatistics	PhD	Member
2002	Tim Wade <i>Does severe flooding increase the incidence of GI illness: An analysis of three data collection methods during a severe flood of the Mississippi River in 2001</i>	Epidemiology	PhD	Chair
2002	Alan Brookart <i>Computer intensive approaches to four topics</i>	Biostatistics	PhD	Member

	<i>in biostatistics</i>			
2003	Wayne Enanoria <i>Epidemiologic approaches to studying the impact of highly active antiretroviral therapy on the AIDS Epidemic</i>	Epidemiology	PhD	Chair
2003	Katherine Pollard <i>Computationally intensive statistical methods for analysis of gene expression data</i>	Biostatistics	PhD	Member
2003	Sunduz Kedes <i>Statistical methods for cis-Regulatory Motif Detection in DNA sequences and bivariate survival function estimation under informative censoring</i>	Biostatistics	PhD	Member
2004	Sukhminder Sandhu <i>Cryptosporidiosis among participants in the San Francisco Men's Health Study</i>	Epidemiology	PhD	Chair
2004	Madhukar Pai <i>Evaluation of newer diagnostic tests for tuberculosis</i>	Epidemiology	PhD	Chair
2004	Biao Xing <i>Statistical methods for detecting structured cis-Regulatory Motifs and Constructing Transcriptional Regulatory Networks</i>	Biostatistics	PhD	Member
2005	Kimberly Miller <i>Tear Film Considerations with and without Contact Lenses</i>	Optometry	PhD	Member
2006	Sandra Sinisi <i>Data-adaptive prediction with the Deletion/Substitution/Addition Algorithm</i>	Biostatistics	PhD	Member
2006	Binh An Diep <i>The transmission of methicillin resistant staphylococcus aureus</i>	Infectious Diseases	PhD	Member
2006	Charolotte Kent <i>Methods for analysis of sexually transmitted disease data</i>	Epidemiology	PhD	Member
2008	Michael McCulloch <i>Cancer Survival with Chinese Herbal Medicine & Vitamins</i>	Epidemiology	PhD	Chair

2008	Saam Morshed	Epidemiology	PhD	Chair
	<i>Marginal structural models demonstrate treatment time effect on mortality in multi-system trauma patients with femoral shaft fracture</i>			
2009	Ben Arnold	Epidemiology	PhD	Chair
	<i>Methods to study intervention sustainability using pre-existing, community interventions: Examples from the Water, Sanitation, and Hygiene Sector</i>			
2010	Sona Saha	Epidemiology	PhD	Chair
	<i>Patterns and etiologies of diarrheal illness among two key immunocompromised populations: HIV-infected and elderly</i>			
2010	Andrew Anglemyer	Epidemiology	PhD	Chair
	<i>Causal inference methods and their application to HIV observational study data</i>			
2011	Farid Jamshidian	Biostatistics	PhD	Member
	<i>Applications of semi-parametric estimation methods in causal inference and prediction</i>			
2011	Karen McKeown	Biostatistics	PhD	Member
	<i>Topics in current status data</i>			
2012	Sylvia Sudat	Biostatistics	PhD	Member
	<i>Causal Inference and Prediction in Health Studies: Environmental Exposures and Schistosomiasis, HIV-1 Genotypic Susceptibility Scores and Virologic Suppression, and Risk of Hospital Readmission for Heart Failure Patients</i>			
2012	Megan Moore	Social Welfare	PhD	Member
	<i>Interventions for mild traumatic brain injury</i>			
2012	Jordan Brooks	Biostatistics	PhD	Member
	<i>Super learner and targeted maximum likelihood estimation for longitudinal data structures with applications to atrial fibrillation</i>			

Current Doctoral Thesis Advising

Name	Role	Program/Dept	Degree	Anticipated completion
Sumeet Patil	Chair	Epidemiology	PhD	2016

SUPERVISION OF FELLOWS AT THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

- Department of Epidemiology and Biostatistics, Program Co-Director, Traineeships in AIDS Prevention Studies (TAPS) at the Center for AIDS Prevention Studies (CAPS). Responsible for research training program for 14 postdoctoral fellows (in both behavioral and clinical sciences).

- Department of Epidemiology and Biostatistics, Sole instructor, Monthly seminar on clinical trial design, 1996-1997, Attended by 10-15 physicians each month.

SERVICE AND CONSULTING ACTIVITIES

- American Water Works Research Foundation: Member of epidemiology panel reviewing Las Vegas, Nevada cryptosporidiosis outbreak, September, 1995
- Black & Veatch, Boston, Massachusetts: Member, Project Health Risk Assessment Committee, 1995-1996 for the Stockton Wastewater Permit Studies Project
- EOA Environmental Consulting, Oakland, California: Technical Advisory Committee member for the Irvine Ranch Water District Water Reclamation Project (Human health risk assessment model, 1994
- Ogden Environmental, Inc., San Francisco, California: Project director on study of public health risks from combined system outflows in Sacramento, California, 1992-1994
- Amgen, Inc., Thousand Oaks, California: Clinical research on neutropenia in AIDS, 1994
- Genentech, Inc., San Bruno, California: Clinical research on therapy for sepsis, 1990
- World Health Organization, Expert (Epidemiology) consultant for meeting on the health effects of high salinity water in Central Asia. Held in Copenhagen, Denmark, April 2003.
- Member, Planning Committee, Graduate Summer Session in Epidemiology, University of Michigan, 2005-present
- External Examiner, Postgraduate Program in the Epidemiology of Infectious Diseases, Chinese Hong Kong University, 2005-present
- Member, USEPA Expert Panel, Candidate Contaminant List Development, June 5-8, Washington, DC., June 5-8, 2006
- World Bank, Short-Term Consultant, Water and Sanitation Program, July 2007-present
- Peer Review Panel Member, World Bank Review of Project: “Of Taps and Toilets”, May 2008
- World Health Organization, Expert Panel on the Assessment of the burden of disease attributable to water, sanitation, and hygiene, April 2013
- State of California, Department of Public Health, Expert Panel, Water Reuse and Health Risks, 2012-present