

CURRICULUM VITAE of JAMES R. HÉBERT

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EDUCATION:

ScD	HARVARD UNIVERSITY SCHOOL OF PUBLIC HEALTH Major Field: Nutritional Epidemiology	1984	Cambridge, MA
MSPH	UNIVERSITY OF WASHINGTON SCHOOL OF PUBLIC HEALTH & COMMUNITY MEDICINE Major Field: Environmental Health and Epidemiology	1980	Seattle, WA
Fellowship	UNIVERSITY OF CALIFORNIA - BERKELEY PROFESSIONAL STUDIES PROGRAM IN INDIA Major Field: International Education / Public Health	1979	Berkeley, CA
AB	BOSTON UNIVERSITY COLLEGE OF LIBERAL ARTS Major field: Biology	1971	Boston, MA

ACADEMIC APPOINTMENTS:

Health Sciences Distinguished Professor	UNIVERSITY of SOUTH CAROLINA Columbia, SC	08/2006 to present
Professor of Epidemiology & Biostatistics	UNIVERSITY of SOUTH CAROLINA ARNOLD SCHOOL of PUBLIC HEALTH, Columbia, SC	09/1999 to present
Professor of Epidemiology	MEDICAL UNIVERSITY of SOUTH CAROLINA, Charleston, SC	04/2004 to present
Professor of Medicine & Epidemiology	UNIVERSITY of MASSACHUSETTS MEDICAL SCHOOL, Worcester, MA	09/1995 to 09/1999
Associate Professor of Medicine & Epidemiology	UNIVERSITY of MASSACHUSETTS MEDICAL SCHOOL, Worcester, MA	04/1989 to 08/1995
Professor of Epidemiology	UNIVERSITY of MASSACHUSETTS SCHOOL OF PUBLIC HEALTH, Amherst	12/1989 to 08/1999
Epidemiologist/ Senior Scientist	AMERICAN HEALTH FOUNDATION New York City	11/1985 to 04/1989

ADMINISTRATIVE APPOINTMENTS:

Director, South Carolina Statewide Cancer Prevention and Control Program	UNIVERSITY of SOUTH CAROLINA Columbia, SC	09/2003 to present
Associate Director	HOLLINGS CANCER CENTER MUSC, Charleston, SC	09/2003 to 10/2006
Chair, Department of Epidemiology & Biostatistics	UNIVERSITY of SOUTH CAROLINA ARNOLD SCHOOL of PUBLIC HEALTH, Columbia, SC	09/1999 to 08/2002
Director, Nutrition Center	UNIVERSITY of SOUTH CAROLINA ARNOLD SCHOOL of PUBLIC HEALTH, Columbia, SC	12/1999 to 09/2002
Deputy Director for Cancer Prevention & Control, UMass Cancer Center	UNIVERSITY of MASSACHUSETTS MEDICAL SCHOOL, Worcester, MA	03/1998 to 08/1999
Associate Director, Division of Preventive & Behavioral Medicine	UNIVERSITY of MASSACHUSETTS MEDICAL SCHOOL, Worcester, MA	03/1995 to 08/1999
Head, Section of Nutritional Epidemiology, Chief of Biostatistics	AMERICAN HEALTH FOUNDATION New York City	11/1985 to 04/1989
Associate Chief, Division of Epidemiology	AMERICAN HEALTH FOUNDATION New York City	09/1988 to 04/1989
Nutrition Advisor	UNICEF – Kampala, Uganda	03/1984 to 09/1984
Consultant in Nutrition & Epidemiology	UNICEF - Kampala, Uganda	03/1983 to 05/1983
Data Analyst & Computer Programmer	HARVARD UNIVERSITY DEMOGRAPHY & POPULATION SCIENCES, Boston, MA	1982-1983
Project Director / Project P.I.	MADRAS UNIVERSITY, Chennai, India	1978-1980

PROFESSIONAL AFFILIATIONS:

American Society of Nutrition (Federation of American Societies for Experimental Biology)	American Society of Clinical Pathologists (Hematology) H (ASCP)
American Public Health Association	American Statistical Association
American College of Epidemiology	International Epidemiological Association
International Society for Preventive Oncology	New York Academy of Sciences
The Nutrition Society (Formerly, Royal Society of Nutrition, London)	International Society of Behavioral Nutrition and Physical Activity
Society for Epidemiologic Research	

HONORS and AWARDS

1967-1971	College of Liberal Arts Four-Year Academic Merit Scholarship - Boston University
1979	Dean's Award - Graduate School, University of Washington
1978-1980	Professional Studies in India - University of California, Berkeley
1979	OXFAM-UK (Oxford) Research Award
1980-1983	Tuition and Stipend Scholarship - Harvard University
1983	Award of the Foundation for the Promotion of Nutrition Education and Nutrition Research - Zurich, Switzerland
1983	Dean of the Harvard University School of Public Health Award
1989	Elected to Active Membership in American Society for Nutritional Sciences & the American Society for Clinical Nutrition (Federation of American Societies for Experimental Biology)
1997-1998	Fulbright Senior Research Fellowship, United States Information Agency (USIA), US Education Foundation in India
1999	Elected Fellow of the American College of Epidemiology
1999	Elected Member of the Nutrition Society (London)
2004	University of South Carolina, Arnold School of Public Health, Research Award
2004	Eminent Scientist of the Year 2004, Awarded by the World Science Forum
2005	Delta Omega Honorary Society in Public Health
2005	Leading Scientists of the World, International Biographical Centre, Cambridge, England
2006	Health Sciences Distinguished Professor - University of South Carolina
2007	South Carolina Cancer Alliance, Research Award
2008-2009	Fulbright-Nehru Senior Research Fellowship, United States Information Agency (USIA), US Education Foundation in India/ Government of India, Ministry of Education

EDITORIAL BOARD MEMBERSHIPS:

Annals of Epidemiology/ American College of Epidemiology	2000 – 2003
Preventive Medicine and Cancer Prevention	2003 – present
Cancer Epidemiology: the International Journal of Cancer Epidemiology, Detection and Prevention/ International Society of Preventive Oncology	2005 – present

JOURNALS REVIEWED FOR:

Advances in Mind-Body Medicine	International Journal of Cancer
American Journal of Clinical Nutrition	International Journal of Epidemiology
American Journal of Epidemiology	Journal of Health Promotion
American Journal of Health Promotion	Journal of National Cancer Institute
American Journal of Public Health	National Medical Journal of India
Annals of Epidemiology	New England Journal of Medicine
Bulletin of the WHO	Nutrition
Cancer	Nutrition Research
Cancer Epidemiology Biomarkers & Prevention	Nutrition and Cancer
Cancer Detection and Prevention	Preventive Medicine
Cancer Research	Public Health Nutrition
European Journal of Clinical Nutrition	RN Magazine
European Journal of Epidemiology	Science
Immunology and Infectious Disease	

PROFESSIONAL AND COMMUNITY SERVICE ACTIVITIES

Professional Committee Memberships:

UMMS Committees:

- Preventive Medicine Residency Advisory Board (1991 - 1999)
- Institutional Review Board - Human Subjects Committee (1991-1996)
- Cancer Center, Chair, Search Committee - Senior Biostatistician (1995)
- Behavioral Sciences Research Core, Oversight Committee (1994 - 1999)
- Prevention Center - Executive Committee (1995 - 1999)
- Cancer Center, Executive Committee (1993-1995 and 1998 - 1999)

USC/SPH Epidemiology and Biostatistics Departmental Service:

- Admissions Committee (Member, 2000; Chair, 2001 – present)
- Research Committee (1999 – 2001)
- Curriculum Committee (2000 – 2002)
- Biostatistics Faculty Search Committee (Chair, 1999 – 2001)
- As Department of Epidemiology and Biostatistics Chair, *Ex Officio* to Numerous Other Committees (1999 – 2002)
- Molecular Epidemiology Search Committee; in conjunction with CCCR (Chair 2003 – 2005)
- Cancer Epidemiology Search Committee; in conjunction with CCCR (Chair 2004)
- Nutritional Epidemiology Search Committee (Chair 2005)
- Environmental / Cancer Epidemiology Search Committee (Chair 2006)

USC/SPH Service:

- Building Committee (1999 – 2001)
- Tenure & Promotion Committee (1999 – present)
- Non Tenure-Track Committee (2000 – 2003; Chair, 2000 – 2001)
- Administrative Council (1999 – 2002)
- Nutrition Center (Director, 1999 – 2002; Steering Committee Member, 2002 – present)
- Aging Faculty Search Committee (Chair, 2002 – 2003)
- Research Advisory Committee (2002)
- Research Awards Committee (2005 – present)

University of South Carolina Service:

- Research Advisory Committee (1999 – 2000)
- Faculty Advisory Committee to the Vice President for Research (2000 – present)
- South Carolina Cancer Center (SCCC Executive Committee – ex officio to the Board)
- Vice President for Research Task Force on Facilities (2001 – 2002)
- SCCC/Center for Colon Cancer Research (CCCR) Molecular Epidemiology Faculty Search Committee (Chair, 2002 – 2005)
- SCCC Biostatistics Faculty Search Committee (Chair, 2002 – 2003)
- SCCC/Arnold School of Public Health, Cancer Epidemiology [on-going] Faculty Search Committee (Chair, 2003 – present)
- Architect Search Committee – University of South Carolina, Biomedical Research Campus (2005)
- Research Campus Design Committee – University of South Carolina, Biomedical Research Campus (2005 – 2006)
- Faculty Excellence Initiative, Evidence Based Cancer Prevention Program Search Committee (2008)

Medical University of South Carolina Service:

- Hollings Cancer Center Directors Council (2003 – 2006)
- Head and Neck Cancer Epidemiology Faculty Search Committee (2004 – 2006)

Outside Professional Committees (partial list):

NIH AIDS and Related Review Groups (AAR-2-AIDS Etiology) (AHR-V1-AIDS Co-factors) (NR-94-004-AIDS, Psychosocial Factors), 1985 – 1987

NIH Epidemiology and Disease Control Review Group (EDC2-Epidemiology and Disease Control) (*ad hoc* member, 1987 – 2001; 2006 as EPIC)

Department of Defense, U.S. Army Medical Research and Materiel Command, Grant Reviewer for Broad Agency Announcement for Breast Cancer Research, 1996

National Center for Complementary and Alternative Medicine, Study Section ZAT1 B(03), 2000

Center for the International Exchange of Scholars (CIES), Reviewer for the Fulbright Scholars to India Program, 2000

American Public Health Association - Food and Nutrition Section, 1978 – 1994

American Public Health Association - Alternative Medicine Section, 1995 – 2001

American Public Health Association - Epidemiology Section, 2001 – present

Harvard Institute for International Development - Applied Diarrheal Disease Research Program - Grants Review, 1993 – 1994

American Cancer Society - Public Education Committee - Professional Education Committee, 1994 – 1998

Department of Nutrition, School of Public Health and Health Sciences, UMass Amherst - Advisory Board, 1996 - 1999

Massachusetts Department of Public Health, Patient Contact Advisory Committee, 1996 – 1999

American College of Epidemiology, Publication Committee, 2000 - 2003

9th World Conference on Clinical Nutrition (June 2002), Planning Committee, 2001 – 2002

NIH/CDC, Cancer Research Network, 2002 – 2004

National Institutes of Health; Social Sciences, Nursing, Epidemiology, and Methods (SNEM) Integration Review Group 5; Center for Scientific Review (CSR), 2003

National Institutes of Health; Dietary Methods Special Emphasis Panel; CSR, 2003

South Carolina Cancer Alliance:

- Research Task Force (2002 – present); Chair (2003 – present) – reelected 19 October 2005; resigned to assume Board duties, January 2009
- Governing Council; Co-Chair (2003 – present) – reelected 19 October 2005; resigned to assume Board duties, January 2009
- South Carolina Cancer Report Card Committee, 2004 & 2005
- South Carolina Cancer Report Card Committee, 2008 & 2009
- Board Member (January 2009 - present)

South Carolina Department of Health and Environmental Control, South Carolina Central Cancer Registry, Oral Cancer Advisory Team (OCAT), 2004-present

South Carolina Department of Health and Environmental Control, South Carolina Cancer Alliance, South Carolina Cancer Plan Team, 2004-2005; on-going through implementation (which began in June 2005)

Guest Editorial Board Member; Measurement in the GEMS Obesity Prevention Studies, *Prev Med*, 38(Suppl), May 2004

National Institutes of Health, National Center for Research Resources; Centers of Biomedical Research Excellence Special Emphasis Panel, ZRR1-R1-8(01); CSR, 24-5 May 2005.

Guest Editor, *Journal of the South Carolina Medical Association*, Cancer Special Edition, 2005.

Program Committee of the International Society for Preventive Oncology, 2005-2009 (when Elsevier bought *Cancer Epidemiology*)

External Advisory Board Shanghai Men's Study (one of the largest cohort studies in Asia) (other members: Dr. Graham Colditz, Harvard Medical School, & Dr. Margaret Spitz, MD Anderson Cancer Center), 2005-present

National Institutes of Health, Epidemiology of Cancer (EPIC) Study Section (formerly EDC-2), Health of the Population (HOP) Integrated Review Group, Center for Scientific Review, 29-30 June 2006; 18-9 July 2007.

Review Committee for the Deep South Network, one of the Community Networks Program sites, which is based at the University of Alabama at Birmingham, 2006-2008

Reviewer for Meharry Medical College, one of the Community Networks Program sites, which is based in Nashville, Tennessee, 2006-2008

Reviewer for Morehouse Medical College, one of the Community Networks Program sites, which is based in Atlanta, Georgia, 2007-present

Reviewer for University of Maryland, School of Medicine, one of the Community Networks Program sites, which is based in Baltimore, Maryland, 2008-present

National Institutes of Health ZRG1 PSE-J (58) R; RFA OD-09-003: Challenge Grants Panel 1; June 2009

National Institutes of Health ZRG1 PSE-C (58) R; RFA OD-09-003: Challenge Grants Panel 2; June 2009

National Institutes of Health, Epidemiology of Cancer (EPIC) Study Section, ZRG1 PSE-A (04) M, EPIC Member Conflict Panel, Integrated Review Group, Center for Scientific Review, 19 July 2009 (Chair).

National Institutes of Health, Epidemiology of Cancer (EPIC) Study Section, EPIC PSE-A (95) M SEP - Epidemiology Competitive Revisions, Integrated Review Group, Center for Scientific Review, 19 July 2009 (Chair).

Community Service Activities:

Worcester Fights Back - Advisory Board (1992 – 1999)

Shrewsbury Education Foundation - Member of the Board (1993 – 1997)

Touchstone Community School - Grants Committee (1996 – 1998)

Worcester (MA) Pleasant Street Meeting of Friends (Quakers) - Building and Grounds Committee (1993 – 1997)

Association for India’s Development, Faculty Advisor (2000 to 2003)

Columbia (SC) Friends (Quakers) Meeting, Peace and Social Concerns Committee Convener (2000 – 2005)

Columbia (SC) Friends (Quakers) Meeting, Building and Grounds Committee (2001 – 2005)

Carolina (SC) Peace Resource Center, Board of Trustees (2002 – 2006)

Carolina (SC) Peace Resource Center, President of the Board of Trustees (2004 – 2006)

FUNDED GRANTS & CONTRACTS (Peer-Reviewed and as P.I. or Co-P.I. only – does not include numerous on-going and completed pharmaceutical company contracts or non peer-reviewed grants such as Market Requisitions from the NCI for work conducted with the Behavior Change Consortium):

Agency:	Short title:	Grant Period:	Average Total Cost/Year (US\$)
As Principal Investigator:			
US Office of Education	Environmental Sanitation & Child Growth in South India	1978-1979	6,000
OXFAM-UK	Follow-up Study of Child Growth in South India	1979-1980	5,000
Foundation for Nutr Educ & Rsch - Zurich	Child Nutrition and Environmental Sanitation in India	1983-1984	10,000
Elsa U Pardee Foundation	Polyunsaturated fat and NK cell activity	1986-1988	40,000
Herrick Foundation	Nutrition and Breast Cancer Survival	1989-1990	36,000
BRSG (UMMC)	Biomarkers of Nutritional Exposure	1989-1990	8,000
American Cancer Society	Effect of a Worksite Intervention on Plasma Beta Carotene	1991-1992	75,000
NCI	Follow-up of Early-Stage Breast Cancer	1992-1994	70,000
NCI	Nutritional Factors in Oral Precancerous Lesions and Malignant Transformation in India (subcontract to Tata Institute for Fundamental Research, Bombay, India)	1992-1996	15,000
US Army	Effects of Meditation-Based Stress Reduction in Younger Women with Breast Cancer	1994-1999	200,000
NCI	Mediators of Worksite Cancer Prevention Effectiveness	1995-1997	36,000
BRSC (UMMC)	A Dietary Intervention to Reduce the Risk of Breast Cancer, and the Effects on Estradiol Metabolism	1998-1999	9,920
NIDDK	Response Set Biases in Dietary Self-Report	1997-1999	201,000
US Army	Phase I Induction and Estrogen Metabolism in Women	2000-2003	109,000

	With and Without Breast Cancer and in Response to a Dietary Intervention		
NIH - NICHD	Reducing Disease Risk in Low-Income, Postpartum Women - Harvard University Subcontract	1999-2003	81,000
U.S. Army	Quasi-Prospective Study of Diet and Breast Cancer	2000-2005	160,000
NIH - NICHD	Coordinating Site for 24-Hour Dietary Recalls – Harvard University Subcontract	1999-2004	60,000
SC DHHS	Alzheimer’s Disease Registry and Provision of Training and Program Development	2001-2004	555,000
NIH – NCI	Coordinating Site for 24-Hour Dietary Recalls – Emory University Subcontract (HBHS)	2000-2002	76,000
NIH – NCI	Coordinating Site for 24-Hour Recalls – Emory University Subcontract	2001-2003	35,000
NIH – NCI	Analysis of Dietary Data for 7 Performance Sites of the Behavior Change Consortium – Cross-sectional data – URI Subcontract	2002-2005	25,276
NIH – NCI	Analysis of Dietary Data for 7 Performance Sites of the Behavior Change Consortium – Longitudinal data – Harvard Subcontract	2002-2005	25,276
CDC/NCI	Prevention Research Center Cancer Prevention and Control Network	2002-2004	385,618
US Army	A diet, physical activity, and meditation intervention in men with rising prostate-specific antigen (PSA)	2003-2006	177,160
CDC/NCI	CRN - Increasing use of and awareness of mammography screening in African-American women	2003-2004	100,000
CDC/NCI	CRN - Informing decision-making among African-American men on prostate cancer screening and treatment options	2002-2004	60,000
CDC	Community Interventions in Non-Medical Settings to Increase Informed Decision Making for Prostate Cancer: Texas Subcontract	2004-2005	176,000
CDC	Oral Cancer Prevention and Control: Statewide Perspective: MUSC Subcontract	2005-2006	372,375
NCI-CRCHD	South Carolina Cancer Disparities Community Network	2005-2010	499,334
NCI-CRCHD	South Carolina Cancer Disparities Community Network – Research Supplement in Health Policy for Keith Elder, Ph.D.	2006-2008	108,195
NCI-CRCHD	South Carolina Cancer Disparities Community Network – Research Supplement in Psychoneuroimmunology for Cheryl Armstead, Ph.D.	2006-2008	117,401
NCI-CRCHD	South Carolina Cancer Disparities Community Network – HPV Vaccine Acceptability and Promotion in Faith-Based Settings; Heather Brandt, Ph.D., Project Leader	2007-2008	77,512
NCI-CRCHD	South Carolina Cancer Disparities Community Network – Impact of Colonoscopies Performed by Primary Care Physicians; Sudha Xirasagar, MBBS, Ph.D., Project Leader	2007-2008	70,783
CDC	Partnership for African-American Colon Cancer Surveillance (PAACCS)	2007-2009	249,203
NIH/NCMHD/NCI	Diet & Activity Community Trial: High-Risk Colon Polyps	2008-2013	563,912
NCI-CRCHD	SC Cancer Disparities Community Network - Epigenetics and Diet in the Carcinogenesis Process	2008-2009	99,679

As Co-Principal Investigator/Co-Director:			
NIDA	AIDS - Minority Research Center (Biostatistics Core)	1988-1992	200,000
NCI	AHF Cancer Research Center (Biostatistics Core)	1988-1992	168,000
NCI	Worksite Cancer Prevention	1989-1993	575,000
NHLBI	Physician's Role in Cholesterol Lowering	1991-1995	586,000
NHLBI	Seasonal Variation of Blood Cholesterol Levels	1994-1998	679,000
NIH	Women's Health Initiative - Clinical Site	1994-2006	1,121,000
NHLBI	Systems to Enhance Provider Counseling in Hyperlipidemia	1998-2002	633,595
NIH/NCRR	COBRE: Center for Colon Cancer Research	2002-2012	2,137,349
Total of all Grants as Principal Investigator or Co-P.I.			> \$57,000,000

PUBLICATIONS (*indicates author is a student/ former student advisee; † author is a USC student/ non advisee; ‡ author is a current or former USC junior faculty colleague):

A. Peer-Reviewed Feature-Length Articles:

1. **Hebert JR**, Waternaux C. Graphical displays of growth data. *Am J Clin Nutr* 1983;38:145-148.
2. **Hebert JR**. On-site water contamination in an urban slum. *Water Int* 1983;8:127-132.
3. **Hebert JR**. Water quality and water quantity and wasting in South India. *Trop Geograph Med* 1984;36:375-381.
4. **Hebert JR**. Effects of water quality and water quantity on nutritional status: findings from a South Indian community. *Bull World Health Organ* 1985;63:143-155.
5. **Hebert JR**. Effects of components of sanitation on nutritional status: findings from South Indian settlements. *Int J Epidemiol* 1985;14:143-152.
6. **Hebert JR**. Relationship of vegetarianism to child growth in South India. *Am J Clin Nutr* 1985; 42:1246-1254.
7. Berggren, GG, **Hebert JR**, Waternaux, CM. Comparison of Haitian children given nutritional supplementation with children in the Haitian National Nutrition Survey. *Bull World Health Organ* 1986;63:1141-1150.
8. Waternaux CM, **Hebert JR**, Dawson R, Berggren GG. Computation of growth velocities of rural Haitian children using smoothing spline techniques. *Growth* 1987;51:154-164.
9. **Hebert JR**. The social ecology of famine in British India: Lessons for Africa in the 1980's? *Ecol Food Nutr* 1987;20:97-107.
10. Wynder EL, **Hebert JR**, Kabat GC. Association of dietary fat and lung cancer. *J Natl Cancer Inst* 1987;79:631-637.
11. Wynder EL, Augustine A, Kabat GC, **Hebert JR**. Effect of the type of cigarette smoked on bladder cancer risk. *Cancer* 1988;61:622-627.
12. Barone J, **Hebert JR**. Dietary fat and natural killer cell activity. *Med Hypotheses* 1988;25: 223-226.
13. **Hebert JR**, Miller DR. Methodologic considerations for investigating the diet/cancer link. *Am J Clin Nutr* 1988;47:1068-1077.
14. Augustine A, **Hebert JR**, Kabat GC, Wynder EL. Bladder cancer in relation to cigarette smoking. *Cancer Res* 1988;48:4405-4408.
15. Kabat GC, Augustine A, **Hebert JR**. Smoking and adult leukemia: A case-control study. *J Clin Epidemiol* 1988;41:907-914.

16. **Hebert JR**, Augustine A, Barone J, Kabat GC, Kinne D, Wynder EL. Weight, height, and body mass index in the prognosis of breast cancer patients: early results from a prospective study. *Int J Cancer* 1988;42:315-318.
17. **Hebert JR**, Barone J. On the relationship between AIDS and nutrition. *Med Hypotheses* 1988; 27:51-54.
18. **Hebert JR**, Kabat GC. Menthol cigarette smoking and oesophageal cancer - results of a case-control study. *Int J Epidemiol* 1989;18:37-44.
19. Barone J, **Hebert JR**, Reddy MM. Dietary fat and natural killer cell activity. *Am J Clin Nutr* 1989;50:861-867.
20. **Hebert JR**, *Toporoff E. Dietary exposures and other factors of possible prognostic significance in relation to tumor size and nodal involvement in early-stage breast cancer. *Int J Epidemiol* 1989;18:518-526.
21. Harris RE, **Hebert JR**, Wynder EL. Cancer rates in male veterans utilizing the Veterans Administration Medical System. *Cancer* 1989;64:1160-1168.
22. Kabat GC, **Hebert JR**, Wynder EL. Risk factors for oral cancer in women. *Cancer Res* 1989;49: 2803-2806.
23. *Toporoff E, **Hebert JR**. A proxy approach to the determination of total caloric intake for use in nutritional Epidemiol. *Nutr Cancer* 1990;13:35-49.
24. **Hebert JR**, Barone J, Reddy MM, *Backlund JYC. Natural killer cell activity in a dietary fat intervention trial. *Clin Immunol Immunopathol* 1990;54:103-116.
25. Engle A, **Hebert JR**, Reddy BS. Relationships between food consumption and dietary intake among healthy volunteers and implications for meeting dietary goals. *J Am Diet Assoc* 1990;90: 526-533.
26. **Hebert JR**, Backlund JYC, Engle A, Barone J, Biener K. Intra- and inter-person sources of variability in fat intake in a feeding trial of 14 men. *Eur J Epidemiol* 1990;6: 55-60.
27. Harris RE, Langrod J, **Hebert JR**, Lowinson J, Zang E, Wynder EL. Changes in AIDS risk behavior among intravenous drug users in New York City. *New York State J Med* 1990;90: 123-126.
28. **Hebert JR**, Kabat GC. Differences in dietary intake associated with smoking status. *Eur J Clin Nutr* 1990;44:185-193.
29. **Hebert JR**, Nichols S, Kabat GC. Anthropometric and hematologic characteristics of clients from a New York City methadone treatment center. *J Subst Abuse Treat* 1990;7:161-165.
30. **Hebert JR**, Miller DR, *Toporoff ED, Teas J, Barone J. Black-white differences in U.S. cancer rates: A discussion of possible dietary factors to explain large and growing divergences. *Cancer Prev* 1991;1:141-156.
31. **Hebert JR**, Miller DR. The inappropriateness of conventional use of the correlation coefficient in assessing validity and reliability of dietary assessment methods. *Eur J Epidemiol* 1991;7:339-343.
32. **Hebert JR**, Kabat GC. Implications for cancer epidemiology of differences in dietary intake associated with alcohol consumption. *Nutr Cancer* 1991;15:107-119.
33. **Hebert JR**, Kabat GC. Distribution of smoking and its association with lung cancer: implications for fat-cancer studies. *J Natl Cancer Inst* 1991;83:872-874.
34. **Hebert JR**, Miller DR, Barone J, Richie JR, Reddy MM. Erythrocyte fatty acids and natural killer cell activity in a longitudinal intervention trial. *Immunol Infect Dis* 1991;1:341-348.
35. Kabat GC, **Hebert JR**. Use of mentholated cigarettes and lung cancer risk. *Cancer Res* 1991; 51:6510-6513.
36. Sorensen G, Morris DH, Hunt MK, **Hebert JR**, Harris DR, Stoddard A, Ockene JK. Worksite nutrition intervention and employee's dietary habits: The Treatwell Program. *Am J Public Health* 1992;82:877-880.
37. Barone J, Tiaoli E, **Hebert JR**, Wynder EL. Vitamin supplement use and risk for oral and esophageal cancer. *Nutr Cancer* 1992;18:31-41.

38. **Hebert JR**, Kristeller J, Ockene JK, *Landon J, *Luippold R, Goldberg RJ, Kalan K. Patient characteristics in relation to the effect of three physician-delivered smoking interventions. *Prev Med* 1992;21:557-573.
39. **Hebert JR**, *Harris DR, Sorensen G, Stoddard AM, Hunt MK, Morris DH. A worksite-based nutrition intervention: Its effects on the consumption of cancer-related nutrients. *Am J Public Health* 1993;83:391-394.
40. Hunt MK, **Hebert JR**, Sorensen G, *Harris DR, Hsieh J, Morris DH, Stoddard AM. Measuring changes in eating pattern messages in worksites participating in a Cancer Prevention Program. *J Nutr Educ* 1993;25:236-244.
41. **Hebert JR**, *Landon J, Miller DR. Consumption of meat and fruit in relation to oral and esophageal cancer: A cross-national study. *Nutr Cancer* 1993;19:169-179.
42. **Hebert JR**, Stoddard AM, *Harris DR, Sorensen G, Hunt MK, Morris DH, Ockene JK. Measuring the effect of a worksite-based nutrition intervention on food consumption. *Ann Epidemiol* 1993; 3:629-635.
43. Rogers EJ, Sabrah T, **Hebert JR**, Ausman LM, Hegsted DM, Nicolosi RJ. A comparison of serum retinol concentration between human and different species of normo and hypercholesterolemic non-human primates fed semi-purified diets with defined amount of vitamin. *Compar Biochem Physiol - Compar Physiol* 1993; 106:749-754.
44. Kabat GC, **Hebert JR**. Use of mentholated cigarettes and oropharyngeal cancer. *Epidemiol* 1994;5:183-188.
45. **Hebert JR**, Miller DR. A cross-national investigation of diet and bladder cancer. *Eur J Cancer* 1994;30a:778-784.
46. Ockene JK, Kristeller J, Pbert L, *Luippold R, **Hebert JR**, Goldberg RJ, *Landon J, Kalan K. The Physician-Delivered Smoking Intervention Project: can short-term interventions produce long-term effects for a general outpatient population? *Health Psychol* 1994;13:278-281.
47. **Hebert JR**, *Hurley TG, Hsieh J, Rogers E, Stoddard AM, Sorensen G, Nicolosi, RJ. Determinants of plasma vitamins and lipids: The Working Well Study. *Am J Epidemiol* 1994;140:132-147.
48. *Hertz E, **Hebert JR**, *Landon J. The influence of economic factors on life expectancy, infant mortality and maternal mortality rates. *Soc Sci Med* 1994;39:105-114.
49. Wiecha JM, **Hebert JR**, Lim M. Diet measurement in Vietnamese youth: concurrent reliability of a self-administered food frequency questionnaire. *J Commun Health* 1994;19:181-188.
50. Ockene JK, Pbert L, Adams A, *Luippold R, **Hebert JR**, Quirk M, Kalan K. The Physician-Delivered Smoking Intervention Project: Factors that determine how much the physician intervenes with smokers. *J Gen Intern Med* 1994;9:379-384.
51. Sabol MB, *Luippold RS, **Hebert JR**, Ball SP, Carrao JM, Becker RC. The association between systemic blood pressure and early coronary artery reperfusion following thrombolytic therapy. *J Thromb Thrombolysis* 1994;1:79-84
52. Kristal AR, Glanz K, Feng Z, **Hebert JR**, Probart C, Eriksen M, Heimendinger J. Does using a short dietary questionnaire instead of a comprehensive food frequency increase survey response rates? *J Nutr Educ* 1994;224-227.
53. Emmons KM, Thompson B, Feng Z, **Hebert JR**, Heimendinger J, Linnan L. Dietary intake and exposure to environmental tobacco smoke in a worksite population. *Eur J Clin Nutr* 1995; 49:336-345.
54. Sorensen G, Himmelstein J, Hunt MK, Youngstown R, **Hebert JR**, Hammond SK, Palombo R, Stoddard AM, Ockene JK. A model for worksite cancer prevention: integration of health protection and health promotion in the Well Works project. *Am J Health Promot* 1995; 10: 55-62.
55. **Hebert JR**, Clemow L, Pbert L, Ockene IS, Ockene JK. Social desirability in dietary self report may compromise the validity of diet intake measures. *Int J Epidemiol* 1995; 4:389-398.
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184. ‡Steck SE, **Hebert JR**. GST polymorphism and excretion of heterocyclic amine and isothiocyanate metabolites after Brassica consumption. *Environ Molecular Mutagenesis* 2009; 50(3):238-46.
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199. Kuk JL, Ardern CI, Church TS, **Hebert JR**, [†]Sui X, Blair SN. Influence of time and aging on ideal weight and weight satisfaction: Relationship with health practices. *Am J Epidemiol*;(in press):00-000.
200. Jackson AS, Sui X, **Hébert JR**, ScD, Church TS, Blair SN. Role of lifestyle and aging on the longitudinal change in cardiorespiratory fitness. *Arch Intern Med*;(in press):00-000.

B. Peer-Reviewed Short Articles, Technical Notes, Comments, and Letters:

1. Beldekas J, Teas J, **Hebert JR**. AIDS and African Swine Fever Virus. *Lancet* 1986; i:564-565.
2. **Hebert JR**, Wynder EL. Dietary fat and the risk of breast cancer. *N Engl J Med* 1987;317:165-166.
3. Wynder EL, **Hebert JR**. Homogeneity in nutritional exposures: An obstacle in cancer epidemiology. *J Natl Cancer Inst* 1987;79:605-607.
4. **Hebert JR**, Kabat GC. Menthol cigarette smoking and esophageal cancer - A hypothesis. *Am J Public Health* 1988;78:986-987.
5. **Hebert JR**, Miller DR. Presentation and discussion of odds ratios and relative risks - technical note. *J Clin Epidemiol* 1989;42:289-290.
6. **Hebert JR**. Differences in biological responses to cigarette smoking remain unexplained. *Am J Public Health* 1991;81:1679-1680.
7. Kabat GC, Augustine A, **Hebert JR**. Smoking and adult leukemia: evaluation of a causal hypothesis. *Am J Epidemiol* 1994;139:849-852.
8. Nicolosi RJ, Ockene IS, **Hebert JR**, Stucchi AF, Behr SR. A modified nutrient content low-fat diet lowers low-density lipoprotein cholesterol but not high-density lipoprotein cholesterol in hypercholesterolemic humans. *Circulation* 1995;92:I-156.
9. Clemow LC, **Hebert JR**, Lundquist D, Solomon J, Ennis F. Quality of life and immune variables in a group for young women with breast cancer. *Ann Behav Med* 1995;17:177.
10. *[‡]Matthews CE, **Hebert JR**, Freedson PS, Stanek EJ, Ockene IS, Merriam, P. Activity assessment using 24 hour recalls; self-report and activity monitor comparisons. *Med Sci Sports Exerc* 1997; 5 Suppl:575.
11. Clemow L, **Hebert JR**, Massion AO, *[‡]Fowke J, Druker S, Kabat-Zinn J. A meditation-based stress reduction intervention for younger women with breast cancer: Outcome and 1-year follow-up. *Annals Behav Med* 1998;20:52S.
12. Baschetti R, Ma Y, *Olendzki B, Hafner A, Chiriboga D, Li W, **Hebert JR**, Li Y, Leung K, Ockene I. Carbohydrate intake, serum lipids, and evolution. *J Am Coll Nutr* 2006 Oct;25(5):437-8.

C. Peer-Reviewed papers – Corporate Authorship

1. Chu KC, Chen MS Jr, Dignan, MB, Taylor E, Partridge E, **Community Network Program Principal Investigators**. Parallels Between the Development of Therapeutic Drugs and Cancer Health Disparity Programs: Implications for Disparities Reduction. *Cancer* 2008;113:2790–6.

D. Editorially Reviewed Feature-Length Articles:

D.1. The following are all part of a special issue of the Journal of the South Carolina Medical Association (JSCMA) that is published electronically in July 2005. After a 6-8 month comment period, the articles will be modified, peer-reviewed, and published as a hard copy special symposium issue of the JSCMA in August 2006 (see #149 to #155 in **A.** list).

1. **Hebert JR**, Ureda JR. Meeting the challenges of cancer prevention and control in South Carolina: Focus on seven cancer sites. *J South Carolina Med Assoc* 2005;101:e183-e187.
2. *[‡]Adams SA, *Modayil MV, [†]Daguise VG, Berger SH, *Horner MJD, Teas J, ^{†‡}Brandt HM, [†]Mosley

- CM, †Johnson MG, ‡Cunningham JE, Butler WM, **Hebert JR**. Breast cancer disparities in South Carolina: Early detection, special programs, and descriptive epidemiology. *J South Carolina Med Assoc* 2005;101:e188-e194.
3. ††Brandt HM, *Modayil MV, †Daguise VG, *Horner MJD, Pirisi-Creek LA, †Mosley CM, †Johnson MG, Mathur SP, **Hebert JR**. Cervical cancer disparities in South Carolina: Early detection, special programs, descriptive epidemiology, and emerging directions. *J South Carolina Med Assoc* 2005;101:e195-e199.
 4. *Yen KL, *Horner MJD, Reed SG, †Daguise VG, †Johnson MG, Day TA, Wood PA, **Hebert JR**. Head and neck cancer disparities in South Carolina: Early detection, special programs, and descriptive epidemiology. *J South Carolina Med Assoc* 2005;101:e200-e206.
 5. *Horner MJD, †Daguise VG, †Mosley C, †Johnson MG, ‡Hofseth LJ, Lloyd SC, Wargovich MJ, **Hebert JR**. Colorectal cancer disparities in South Carolina: Early detection, special programs and descriptive epidemiology. *J South Carolina Med Assoc* 2005;101:e207-e211.
 6. **Hebert JR**, *Horner MJD, ‡Adams SA, †Daguise VG, Smith EW, †Mosley CM, †Johnson MG, Reed CE. Esophageal cancer disparities in South Carolina: Early detection, special programs, and descriptive epidemiology. *J South Carolina Med Assoc* 2005;101:e212-e217.
 7. *Horner MJD, **Hebert JR**, †Daguise VG, Carpenter MJ, †Johnson MG, †Mosley CM, Reed CE. Lung and bronchus cancer disparities in South Carolina: Early detection, special programs, and descriptive epidemiology. *J South Carolina Med Assoc* 2005;101:e218-e224.
 8. *Drake BF, Keane TE, Donald CD, *Modayil MV, †Daguise VG, †Johnson MG, ‡Adams SA, Ureda JR, **Hebert JR**. Prostate cancer disparities in South Carolina: Early detection, special programs, and descriptive epidemiology. *J South Carolina Med Assoc* 2005;101:e225-230.

E. Editorials, Invited Comments, and Opinion Pieces:

1. Becker RC, *Hurley T, *Ma Y, **Hebert JR**. Editorial: Evolution of thrombin antagonists: acknowledging potential limitations. *J Thromb Thrombolysis* 1996;3:23-27.
2. **Hebert JR**. An Epidemiologist's view of Block's challenge: Assessing the role of self in healthy cancer survivorship: a view from the frontlines of treating cancer. *Advances* 1997;12:39-43.
3. **Hebert JR**. More on the randomized trial and the consecutive patient questionnaire database: Randomization and measurement in efficacy studies of behavioral and mind-body interventions. *Advances* 1997;13:60-64.
4. **Hebert J**. Commentary: Afghanistan is the latest battleground for public health, women's rights. *The State (Columbia, SC) Newspaper*; Wednesday, October 3, 2001: pA15.
5. **Hebert J**, *Martin A. Commentary: Iraq war a threat to public health. *The State (Columbia, SC) Newspaper*; Thursday, May 15, 2003: pA9.
6. **Hebert JR**. Invited Commentary: Menthol cigarettes and risk of lung cancer. *Am J Epidemiol* 2003;158:617-620.
7. **Hebert JR**. Epidemiologic studies of diet and cancer: The case for international collaboration (Commissioned as part of the Eminent Scientist of the Year 2004 Award by the World Science Forum). *Austro-Asian J Cancer – (Special Issue - Recent Advances and Research Updates-ISSN-0972-4699)* 2004;5:140-153.
8. **Hebert J**. Commentary: A dangerous disregard for scientific truth. *The State (Columbia, SC) Newspaper*; Saturday, July 2, 2005: pA11.
9. **Hebert J**. Commentary: The world's skepticism about U.S. intentions. *The State (Columbia, SC) Newspaper*; Thursday, December 29, 2005: pA12.
10. **Hebert JR**, ‡Elder K, Ureda JR. Meeting the challenges of cancer prevention and control in South Carolina: Focusing on seven cancer sites, engaging partners. *J South Carolina Med Assoc* 2006;102:177-182.
11. **Hebert JR**. Commentary: Bushes have history of helping dictators. *The State (Columbia, SC) Newspaper*; Monday, September 11, 2006: pA10.

12. **Hebert JR.** Commentary: Problems in Iraq and the Middle East are a mess largely of our own making. The State (Columbia, SC) Newspaper; Monday, February 16, 2007: pA9.
13. **Hebert JR.** Commentary: Follow the money to find out who benefits from Iraq war. The State (Columbia, SC) Newspaper; Monday, March 26, 2007: pA10.
14. **Hebert JR.** Commentary: Our enemies in the Middle East are of our own making. The (Spartanburg, SC) Herald-Journal; April 15, 2007.
15. **Hebert JR.** Commentary: Real vs. explicit taxes: The cost of opportunities lost. The State (Columbia, SC) Newspaper; Sunday, August 24, 2008: pA19.
16. **Hebert JR.** Nuclear Power: Health dangers and economic folly. The State (Columbia, SC) Newspaper; Tuesday, December 9, 2008: pA19.
17. **Hebert JR.** Fighting cancer disparities helps everybody. The State (Columbia, SC) Newspaper; Tuesday, June 2, 2009: pA5.
18. **Hebert JR.** Stop wasting time, money on dysfunctional [health care delivery] system. The State (Columbia, SC) Newspaper; Monday, July 13, 2009: pA9.

F. Published Reports of Scientific Relevance:

1. South Carolina Cancer Alliance. South Carolina Cancer Report Card, 2004. Columbia, SC; 2005.

G. Non Peer-Reviewed Articles and Letters:

1. **Hebert JR,** Miller DR. Estimating health effects from sanitary improvements. *Int J Epidemiol* 1984;13:374-376.
2. **Hebert JR,** Teas J. Urban third world children: exposure to toxic substances among the nutritionally compromised. *Sci for the People* 1985;17:18-23.
3. **Hebert JR.** AIDS and mosquitoes. *Med J Aust* 1986;144:280.
4. Miller DR, **Hebert JR.** Genetics and obesity. *N Engl J Med* 1986;315:130.
5. **Hebert JR,** Wynder EL. Dietary fat, weight, and breast cancer. *Am J Epidemiol* 1987;125:751.
6. **Hebert JR.** Dietary fat and lung cancer. *Am J Epidemiol* 1988;127:416-417.
7. **Hebert JR,** Miller DR. Diet and cancer - Methodologic considerations in considering the diet-cancer link: Reply to Drs. Kritchevsky and Hegsted. *Am J Clin Nutr* 1988;48:1524-1525.
8. **Hebert JR.** Social desirability bias in dietary self-report may compromise the validity of dietary intake measures: Implications for diet disease relationships (Response Letter). *Int J Epidemiol* 1996;25:223-225.
9. **Hebert JR,** *Hurley TG, *Olendzki BC, Teas J, *Ma Y. Re: Nutritional and socioeconomic factors in relation to prostate cancer mortality: a cross-national study (Response letter). *J Natl Cancer Inst* 1999;91:726.
10. Gupta PC, **Hebert JR.** Re: Quantitative food frequency questionnaires: Applicability in India. *Natl Med J India* 1999;12:138-139.
11. **Hebert JR,** Adams SA, Burch JB, Vena JE. Genetics and cancer-related health disparities in South Carolina. *J South Carolina Med Assoc* 2006/7;102/3:00-000.

H. Book Chapters:

1. **Hebert JR,** Ssentamu S. Water supply, sanitation and the effect on the health care delivery system. In: Dodge CP & Wiebe P. eds. *Crisis in Uganda: The Breakdown of Health Services* Oxford: Pergamon Press, 1985; 117-124.
2. **Hebert JR.** Growth monitoring: the "G" in GOBI-FFF. In: Cash R, Keusch GT, Lamstein J. eds. *Child Health and Survival: The UNICEF GOBI-FFF Program* London: Croom Helm, 1987; 11-20.
3. **Hebert JR,** Toporoff ED, Barone J, Wynder EL. Nutrition and Cancer among United States Minority Populations. *Proceedings of the First Annual Nutrition Workshop: Impact of Nutrition and Disease in*

- Blacks and Other Minorities Nashville, TN: Center for Nutrition, Meharry Medical College, 1988; 135-158.
4. Wynder EL, Barone J, **Hebert JR**. Role of diet in health maintenance throughout life. In: Carroll KK, ed. Diet, Nutrition, and Health. Montreal: McGill-Queens University Press, 1990; 141-154.
 5. Zevallos JC, Chiriboga D, **Hebert JR**. International trends in coronary heart disease and risk factors. in: Ockene IS, Ockene JK, eds. Prevention of Coronary Heart Disease: A Skills-Based Approach. Boston: Little, Brown and Company, 1991.
 6. Massion AO, Teas J, **Hebert JR**. Meditation, melatonin and cancer, Ch 11 in Shafii M, Shafii S, eds. Melatonin in Psychiatric and Neoplastic Disorders. Washington DC: American Psychiatric Press, Inc. 1997;55: 261-94.
 7. Kabat-Zinn J, Massion AO, **Hebert JR**, Rosenbaum E. Meditation. In: Textbook of Psycho-Oncology, Holland J (ed) Oxford University Press, Oxford, 1998: 767-779.
 8. **Hebert JR**, *Ma Y, *Ebbeling CB, *[‡]Matthews CE, Ockene IS. Self-report data. In: Ockene IS, Burke LE, eds. Compliance in Healthcare and Research. Armonk, NY: Futura, 2001:163-179.
 9. *Ma Y, **Hebert JR**, *Ebbeling CB, Ockene IS. International aspects of coronary heart disease: epidemiology. In: Becker RC, Alpert JS, eds. Cardiovascular Medicine: Practice and Management. London: Arnold, 2001: 3-20.
 10. Kabat-Zinn J, Massion AO, **Hebert JR**, Rosenbaum E. Meditation. In: Tagliaferri M, Cohen I, Tripathy D, eds. Breast Cancer: Beyond Convention. New York: Pocket Books, 2002.
 11. **Hebert JR**. Diet and Nutrition. In: Golson JG, Colditz GA, eds. Encyclopedia of Cancer and Society Thousand Oaks, CA: Sage Publications, 2007.
 12. **Hebert JR**. CH 13. Epidemiology and population-based studies. In: Pardee AB, Stein GS, eds. The Biology and Treatment of Cancer. Hoboken, NJ: John Wiley & Sons, Inc., 2009.

PRESENTATIONS:

A. Selected Grand Rounds-Type Presentations and Other Invited Talks:

1. **Hebert JR**. Epidemiology: The Last Word? Department of Medicine, University of Massachusetts Medical School, 29 November 1990.
2. **Hebert JR**. Red Cell Membrane Fatty Acids and Natural Killer Cell Activity. USDA Western Human Nutrition Research Center, The Presidio, San Francisco, CA, 27 July 1991.
3. **Hebert JR**. The role of Epidemiology in Deciding Research, Interpreting Data and Conducting Interventions. Cancer in the '90s: Incidence, Intervention & Research. The American Cancer Society/Central Massachusetts Dietetic Association, 7 April 1992.
4. **Hebert JR**. Development and Testing of a Seven-Day Dietary Recall. The National Institute of Nutrition. Hyberabad, India, 7 May 1993.
5. **Hebert JR**. Nutrition, Oral Precancerous Lesions, and the Process of Malignant Transformation. Tata Institute of Fundamental Research, Ernakulum Field Station, Kerala, India, 14 January 1994.
6. **Hebert JR**. Diet and Body Weight in Relation to Breast Cancer. Tata Institute of Fundamental Research, Physics Colloquium, Mumbai, India, 3 December 1997.
7. **Hebert JR**. Diet and Nutritional Status in Relation to Two Hormone-Related Cancers: Breast and Prostate. Tata Memorial Hospital and Cancer Center, Mumbai, India, 5 December 1997.
8. **Hebert JR**. Diet and Breast Cancer and Oral Precancerous Lesions in Three Indian Populations -- The Use of Population-Specific Dietary Assessments. University of Bombay, College of Home Science, Mumbai, India, 6 February 1998.
9. **Hebert JR**, *Ma Y, *Ebbeling CB, *[‡]Matthews CE, Ockene IS. Self-Report Data: Identifying Sources of Bias to Improve Estimates of Dietary Intake and Intervention Compliance. American Heart Association's Scientific Conference on Compliance in Healthcare and Research. Boston, MA, May, 1999.

10. **Hebert JR.** Epidemiology at the Frontiers of Public Health. South Carolina Department of Health and Environmental Control Annual Conference, Columbia, SC, May 2000.
11. **Hebert JR.** Dietary Interventions for Breast and Prostate Cancer. South Carolina Cancer Center, Columbia, SC, 6 November 2000.
12. **Hebert JR.** Ayurvedic (and Siddha) and Chinese Traditional Medicine. Southern Medical Association Annual Conference, Hilton Head, SC, 27 April 2001.
13. **Hebert JR.** Present and Future Possibilities [for the Study of Complementary and Alternative Medicine]. Southern Medical Association Annual Conference, Hilton Head, SC, 28 April 2001.
14. **Hebert JR.** The Role of Food in Our Lives. Presentation to the Alumni University 2001, Columbia, SC, 21 June 2001.
15. **Hebert JR.** Complementary and Alternative Medicine “CAM” Therapies and the Scientific Method. Presentation to the Alumni University 2001, Columbia, SC, 20 June 2002.
16. **Hebert JR.** Diet and Disease: Is the Search for Specific Causes in Opposition to Public Health Practice and Ecological Thinking? Presented at the 9th World Congress on Clinical Nutrition, London, England, UK, 26 June 2002.
17. **Hebert JR.** Diet and Cancer: The Tension Between Public Health and Clinical Practice. Department of Medicine Medical Grand Rounds, University of Massachusetts Medical School, Worcester, MA, 6 November 2002.
18. **Hebert JR.** Cancer Prevention and Control: Creating Research Opportunities from the Tricks and Clues of Opposing World Views. Medical University of South Carolina, Hollings Cancer Center, Charleston, SC, 10 January 2003.
19. **Hebert JR.** Cancer Prevention and Control: Research Clues from Inconsistencies in the Epidemiologic Evidence. Vanderbilt University School of Medicine, Ingram Cancer Center, Nashville, TN, 20 February 2003.
20. **Hebert JR.** Cancer Prevention and Control in South Carolina. Combined Meeting of the Hollings Cancer Center and South Carolina Cancer Center, Orangeburg, SC, 21 February 2003.
21. **Hebert JR.** Challenges and Opportunities for Prevention and Control Research in South Carolina. Presented to the Department of Epidemiology and Biostatistics, Arnold School of Public Health on 28 January 2004 and to the Department of Biostatistics and Epidemiology, MUSC, Charleston, SC, 5 April 2004.
22. **Hebert JR.** Challenges and Opportunities for Prevention and Control Research in Head and Neck Cancers in South Carolina. Hollings Cancer Center, Charleston, SC, 9 March 2004.
23. **Hebert JR.** Challenges and Opportunities for Prevention and Control Research in Genitourinary Tract Cancers in South Carolina. Hollings Cancer Center, Charleston, SC, 9 March 2004.
24. **Hebert JR.** Challenges and Opportunities for Prevention and Control Research in Thoracic Cancers in South Carolina. Hollings Cancer Center, Charleston, SC, 10 March 2004.
25. **Hebert JR.** Challenges and Opportunities for Prevention and Control Research in Breast Cancer in South Carolina. Hollings Cancer Center, Charleston, SC, 13 April 2004.
26. **Hebert JR.** Broadening the Conversation: Colon Cancer in South Carolina. Center for Colon Cancer Research. Senior Faculty Research Retreat, Columbia, SC, 14 January 2005.
27. **Hebert JR.** Prostate Cancer in South Carolina: Etiology; Prevention; and Informed Decision Making. Greenville Hospital System, Oncology Research Institute, Greenville, SC, 11 February 2005.
28. **Hebert JR.** Addressing the Cancer Health Disparity in South Carolina: Research and Other Initiatives. South Carolina Leadership Summit on Eliminating Health Disparities: Prospects for Change, Columbia, SC, 18 April 2005.
29. **Hebert JR.** Tobacco-Related Cancers: Discrepancies, Disparities, & Scope for Chemoprevention. South Carolina Alliance for Cancer Chemoprevention, Third Annual Meeting: Greenville, SC, 18 May 2005.

30. Pastides H, **Hebert JR**. Integrating Molecular and Epidemiologic Methods in Cancer Research: The Viewpoint of a High-Level Administrator in a Major US Research University. 25th Annual Convention of The Indian Association for Cancer Research (IACR) & Silver Jubilee Symposium on 'Molecular Profiling and Cancer Management' Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Tata Memorial Centre, Kharghar, Navi Mumbai, India, 16 February 2006.
31. **Hebert JR**, Gupta PC, Pastides H. What Role for Epidemiology and International Collaboration in Understanding Large and Changing Disparities in Cancer Rates? 25th Annual Convention of The Indian Association for Cancer Research (IACR) & Silver Jubilee Symposium on 'Molecular Profiling and Cancer Management' Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Tata Memorial Centre, Kharghar, Navi Mumbai, India, 18 February 2006.
32. **Hebert JR**. Designing Studies and Surveys in Populations in Demographic & Epidemiologic Transition. Universidad San Francisco de Quito. San Christobal, Galapagos, Ecuador, 18 April 2006.
33. **Hebert JR**. Conducting Research in Populations in Nutrition & Epidemiologic Transition. Universidad San Francisco de Quito. Quito, Ecuador, 21 April 2006
34. **Hebert JR**. Diet and Hormone-Sensitive Cancers: Comparing and Contrasting Breast and Prostate. Center for Research in Nutrition and Health Disparities, Arnold School of Public Health, University of South Carolina. Columbia, SC, 9 March 2007.
35. **Hebert JR**. Cancer Prevention & Control: The Role of Community in Interdisciplinary Research & Translation. University of Massachusetts Medical School Clinical and Population Health Sciences Retreat, Worcester, MA, 26 April 2007
36. **Hebert JR**. Diet and Prostate Cancer: Prevention & Control. Richmond (VA) Medical Society and the Virginia State Department of Health. Richmond, VA, 2 June 2007.
37. **Hebert JR**. Translation, Interdisciplinarity, and Community-Based Participatory Research: Clarity, Blurring the Lines, and Prevention of Type III Error. National Cancer Institute, Bethesda, MD, 19 July 2007.
38. **Hebert JR**. Cancer-Related Health Disparities in South Carolina: Translation, Interdisciplinarity, and the Community-Based Participatory Research Imperative. Keynote Address at the Autumn 2007 Quarterly Meeting of the South Carolina Cancer Alliance, Columbia, SC, 11 October 2007.
39. **Hebert JR**. Cancer-Related Health Disparities in South Carolina: Translation, Interdisciplinarity, and the Community-Based Participatory Research Imperative. Department of Health Promotion, Education & Behavior Seminar Series, Arnold School of Public Health, Columbia, SC, 26 November 2007.
40. **Hebert JR**. Epidemiologic Research: Things to think about, including some examples from the wonderful world of diet and cancer. Shankara Nethralaya Eye Institute, Chennai, Tamil Nadu, India, 6 January 2008.
41. **Hebert JR**. Comparing and Contrasting Breast and Prostate Cancers to Illustrate Collaborative Potential for the Science and Practice of Cancer Prevention and Control. Chennai Cancer Center, Chennai, Tamil Nadu, India, 7 January 2008.
42. **Hebert JR**. Epidemiology at the Frontiers of Public Health. National Institute of Epidemiology. Chennai, Tamil Nadu, India, 8 January 2008.
43. **Hebert JR**. Disease & Environmental Mapping. Examples from a Region of: High Cancer Incidence and Mortality; Interesting Environmental Characteristics; & Excellent Data Resources will. Indian National Cancer Registries Programme, Bangalore, India, 10 January 2008.
44. **Hebert JR**. The Role of Metals in Human Oral and Prostate Cancers: Examples from India and South Carolina. Institute of Environmental Toxicology (ENTOX), Clemson University, Clemson, SC, 9 September 2008.
45. **Hebert JR**. Research Collaborations between Universitas Indonesia and the University of South Carolina: the Role of Epidemiology in Setting the Cancer Research Agenda. Universitas Indonesia Medical School, Jakarta, Indonesia, 17 October 2008.

46. **Hebert JR.** Moderated the Panel “Supporting Young Investigators In Capacity-Building Towards Eliminating Health Disparities” And Presented “How to Have Fun, Save The World, And Have A Viable Career In Facing The Challenges of Health Disparities” At The NIH Summit: The Science of Eliminating Health Disparities. National Harbor, MD, 17 December 2008.
47. **Hébert JR.** Translational and Interdisciplinary Research: Population Relevance and “BIG” Science in the 21st Century. Advanced Centre for Research Treatment and Education in Cancer (Tata Memorial Centre), Kharghar, Navi Mumbai, Maharashtra, India, 2 April 2009.

B. Some (≈ 10% of the total) Selected Presentations at Scientific Meetings (since 1993 the vast majority of these have been submitted by students and junior faculty members):

1. **Hebert JR.** Effects of sanitation improvements on children's nutritional status. - presented at: Meeting of WASH Expert Panel, Washington, DC, 18 December 1981.
2. **Hebert JR.** Effects of water supply characteristics on children's nutritional status. - presented at: The Vth World Congress on Water Resources, Brussels, Belgium, 9-15 June 1985.
3. **Hebert JR, Kabat GC.** Menthol cigarette smoking and the risk of esophageal cancer: findings from a case-control study. - presented at: The XIth Scientific Meeting of the International Epidemiological Association, Helsinki, Finland, 8-13 August 1987.
4. **Kabat GC, Augustine A, Hebert JR.** Smoking and adult leukemia: A case-control study - presented at: The 115th Annual Meeting of the American Public Health Association, New Orleans, LA, 18-22 October 1987.
5. **Hebert JR, Toporoff ED, Barone J, Wynder EL.** Nutrition Cancer in United States Minorities. Proceedings of the First Annual Nutrition Workshop: Impact of Nutrition and Disease in Blacks and Other Minorities - invited presentation at Meharry Medical College, Nashville, TN, 27-30 October 1987.
6. **Hebert JR, Augustine A, Barone J, Kabat GC, Kinne D, Wynder EL.** Weight, height, and Quetelet Index in the prognosis of breast cancer patients: early results from a prospective study. Presented at The 21st Annual Meeting of the Society for Epidemiological Research, Vancouver, BC, Canada, 15-17 June 1988.
7. **Hebert JR.** Factor analysis as an alternative means of assessing dietary patterns. Presented at The 116th Annual Meeting of the American Public Health Association, Boston, MA, 13-17 November 1988.
8. **Hebert JR, Kabat GC.** Variations in food and nutrient intake according to smoking status: findings from a case-control study. - presented at: The XIIth Scientific Meeting of the International Epidemiological Association, Los Angeles, CA, 5-9 August 1990.
9. **Sorensen G, Morris D, Hunt MK, Hebert J, et al.** The effects of a worksite nutrition intervention on workers dietary habits. Presented at the 119th Annual Meeting of the American Public Health Association, Atlanta, GA, November 10-14, 1991.
10. **Sorensen G, Glanz K, Kristal A, Hebert J.** Nutrition measurement and baseline results in the Working Well Worksite Cancer Prevent study. Presented at the 119th Annual Meeting of the American Public Health Association, Atlanta, GA, November 10-14, 1991.
11. **Sorensen G, Himmelstein J, Hebert J, et al.** Health, protection versus health promotion: Can the two be integrated. Presented at the 119th Annual Meeting of the American Public Health Association, Atlanta, GA, November 10-14, 1991.
12. **Miller DR, Hebert JR, Barone J, Engle A.** Comparison of diet assessment methods: Advantages of random 24 hour recalls. Presented at the 119th Annual Meeting of the American Public Health Association, Atlanta, GA, November 10-14, 1991.
13. **Hebert JR, Miller DR, Barone J, Engle A.** Assessment of change in fat intake in an intervention study. Presented at the 119th Annual Meeting of the American Public Health Association, Atlanta, GA, November 10-14, 1991.

14. **Hebert JR**, Barone J, Miller DR, Richie JR, Reddy MM. Changes in erythrocyte fatty acids and natural killer cell activity in humans. Presented at the 1991 Meeting of the Federation of American Societies of Experimental Biology, Atlanta, GA, April 2-5, 1991.
15. **Hebert JR**, Ockene IS, Botelho L, Luippold R, Merriam P, Saperia G. Development and validation of a seven-day diet recall (7DDR). Presented at the 120th Annual Meeting of the American Public Health Association, Washington, DC, November 8-12, 1992.
16. Heimindinger J, Glanz G, Probart C, Kristal A, **Hebert JR**. The Working Well Research Trial: Nutrition Results. Meeting of the American Public Health Association, Washington DC, November 1-4, 1994.
17. **Hebert JR**, Ockene IS, Merriam P, Botelho L, Ellis S., Saperia GM. Development and testing of a seven-day dietary recall. Presented at the 2nd International Conference on Dietary Assessment Methods, Boston, MA, January 22-24, 1995.
18. **Hebert JR**, Clemow L, Pbert L, Ockene IS, Ockene JK. The role of social desirability in biasing estimates of nutrient intake. Presented at the 2nd International Conference on Dietary Assessment Methods, Boston, MA, January 22-24, 1995.
19. **Hebert JR**, Clemow L, *Olendzki BC, Druker S, *Ma Y. Dietary fat and body weight change in early stage breast cancer following intensive dietary intervention: results of a randomized clinical trial. Presented at the Society of Behavioral Medicine Annual Meeting, San Diego, CA, March 3-6, 1999.
20. *[‡]Matthews CE, Spencer FA, Ockene IS, Freedson, PS, **Hebert JR**, Stanek III EJ, Merriam P. Effect of changes in physical activity on markers of blood coagulation and fibrinolysis. Presented at the National ACSM Meeting, Seattle, WA, June 4, 1999.
21. *Ellison GL, Coker AL, [‡]Sanderson M, **Hebert JR**, Weinrich SP, Lipsitz SR. Psychosocial Stress, Coping, and Prostate Cancer. Presented at The 33rd Annual Meeting of the Society for Epidemiological Research, Seattle, WA, 15-17 June 2000.
22. **Hebert JR**, Peterson KE, Hurley TG, Stoddard AM, Cohen N, Field AE, Sorensen G. Education-related social desirability bias in a multi-ethnic sample: Comparing three dietary self-report measures to multiple 24-hour recalls. Presented at the Fourth International Conference on Dietary Assessment Methods, Tucson, AZ, 19 September 2000 and published in: Public Health Nutr 2002;5:1065.
23. **Hebert JR**, Peterson KE, Stoddard AM, Cohen N, Field AE, Sorensen G. Education-related social desirability bias in a multi-ethnic sample: Comparing three dietary self-report measures to multiple 24-hour recalls. Meeting of the American Public Health Association, Boston, MA, November 2000.
24. **Hebert JR**, Kabat GC. Menthol Cigarette Smoking and Esophageal Cancer. The First Conference on Menthol Cigarettes: Setting the Research Agenda, Atlanta, GA, 21-22 March 2002.
25. Pednekar M, Shukla HC, Gupta, PC, **Hebert JR**. BMI Profile of an Indian elderly population living in Western India. Presented at the 9th World Congress on Clinical Nutrition, London, England, UK, 26 June 2002.
26. **Hebert JR**, *[‡]Matthews CE, *Hurley TG, *Ebbeling CB, *Ma Y, Druker S, Clemow L. Systematic errors observed in comparing three self-report measures to total energy expenditure from doubly labeled water. Presented at the First Conference of the International Society of Behavioral Nutrition and Physical Activity, Seattle, WA, 11-13 July 2002.
27. **Hebert JR**, *[‡]Adams SA, *[‡]Matthews CE, Quasi-prospective study of breast cancer, diet, physical activity, and body habitus. US ARMY Era of Hope Meeting [for Breast Cancer], Orlando, FL, 25-28 September 2002.
28. *[‡]Adams SA, **Hebert JR**, Massion AO, Clemow L. The relationship between weight history, melatonin, and steroid receptor status in women with breast cancer. US ARMY Era of Hope Meeting [for Breast Cancer], Orlando, FL, 25-28 September 2002.
29. **Hebert JR**, *Modayil M, *[‡]Fowke J. Phase I induction and estrogen metabolism in women with and without breast cancer and in response to a dietary intervention. US ARMY Era of Hope Meeting [for Breast Cancer], Orlando, FL, 25-28 September 2002.

30. *Gong Y, Deng Z, *Gong Z, Bostick RM, **Hebert JR**, †Xie D. Genetic polymorphism (21 A repeats) in FLAP and risk for incident sporadic colorectal adenomas. In: American Association for Cancer Research, 95th Annual Meeting; 2004 March 27 - 31, 2004; Orange County Convention Center, Orlando, FL; 2004. p. 1044.
31. *Gong Z, †Xie D, Deng Z, Bostick RM, *Hurley TG, **Hebert JR**. Genetic polymorphisms in 5-lipoxygenase (5-LOX) and risk for incident sporadic colorectal adenoma. In: American Association for Cancer Research, 95th Annual Meeting; 2004 March 27 - 31, 2004; Orange County Convention Center, Orlando, FL; 2004. p. 1044.
32. †Nitcheva DK, Walter Piegorsch W, *Hurley TG, **Hebert JR**. Effect of Social Desirability and Education Bias in Assessing the Relationship between Self-reported Intake of Dietary Energy and Breast Cancer: A Simulation Study of Relative Risk Attenuation. Meeting of the SC Nutrition Research Consortium, Columbia Conference Center, Columbia, SC; 29 October 2004.
33. *Hurley TG, **Hebert JR**, Kunkel ME, Wolman PG. Self-Report Dietary Data: Influence of Bias and Imprecision on Intervention Effect Estimates. Meeting of the SC Nutrition Research Consortium, Columbia Conference Center, Columbia, SC; 29 October 2004.
34. **Hebert JR**. Statewide Oral & Pharyngeal Cancer Prevention and Control. Third annual Workshop on Head and Neck Cancers. Medical University of South Carolina/Hollings Cancer Center, Charleston, SC, 11 April 2005.
35. Reed S, Carter C, Bolick-Aldrich S, Duffy N, Nickerson B, Cartmell K, Hollinger A, Walters A, Moultrie L, **Hebert JR**, Day T. South Carolina Partnership for Oral Cancer Prevention. Fourth Annual Head and Neck Research Workshop. Medical University of South Carolina/Hollings Cancer Center, Charleston, SC, 20 April 2006.
36. Reed S, Duffy N, *†Adams S, ††Brandt H, Cartmell K, Yen L, Gillespie B, **Hebert JR**, Day T. Oral and Pharyngeal Cancer (OPC) Case Control Study. Fourth Annual Head and Neck Research Workshop. Medical University of South Carolina/Hollings Cancer Center, Charleston, SC, 20 April 2006.
37. †Smith E, *†Adams S, †Prabhu Das I, **Hebert JR**. Breast Cancer Survival Analysis among Economically Disadvantaged Women: The Influences of Delayed Diagnosis and Treatment on Mortality. Presented at the 135th Annual Meeting of the American Public Health Association, Washington, DC, 4-7 November, 2007.
38. *Wagner SE, †Burch JB, Hussey J, Temples T, Bolick-Aldrich S, †Mosely C, Liu Y, **Hebert JR**. Characterizing spatial and environmental determinants of prostate cancer using a geographic information system. *Epidemiol.* 18(5) Suppl:S155-6. 2007.
39. Magner R, *Ma Y, Olendzki B, Hurley T, Ockene I, Schneider K, **Hebert J**. Number of 24-Hour Diet Recalls Needed to Estimate Energy Intake. Presented at the 41st Annual Meeting of the Society for Epidemiologic Research, Chicago, IL, June 24-27, 2008.
40. **Hébert JR**, Purdon CH, Zhang J, Chapman JM, Smith EW. Can ethanol and menthol's effect on the permeation and reservoir formation of the tobacco carcinogen, N-nitrosornicotine (NNN), explain large racial disparities in squamous cell cancers of the esophagus (SCCE)? 14th World Conference on Tobacco OR Health. Mumbai, Maharashtra, India, 9 March 2009.

C. Some Selected TV and Radio Appearances:

1. **WLTR, 91.3 FM Radio**. Carolina Minute. Repeated spots on diet and health. Spring 2002.
2. **WCEO, 840 AM Radio**. The Seed Show: The War in Iraq and Public Health. 6 May 2003.
3. **WLTR – SC ETV Network**. Date Line – Prime Time: Carolina Peace Resource Center's perspective on the US involvement in Iraq. 21 April 2003.
4. **WLTX, Channel 19 TV**. Buddy Call 19. The importance of breast cancer research in the Midlands. 19 March 2004 (and repeats).

5. **WTGH, 620 AM Radio.** Gary Pozsik's Health, Wealth, and Happiness: On prostate cancer and diet. 22 December 2004.
6. **WTGH, 620 AM Radio.** Gary Pozsik's Health, Wealth, and Happiness: On cancer-related health disparities. 28 September 2006.

TEACHING/ MENTORING EXPERIENCE

At the UNIVERSITY OF MASSACHUSETTS (To September 1999):

Shortly after arriving at the University of Massachusetts in 1989 I began the process of building a research-teaching partnership across the Medical School campus in Worcester and the School of Public Health in Amherst. For many years, I was the only faculty that was jointly appointed on both campuses. While most of the inter-campus collaborative effort was focused on the MPH program, I managed to integrate four of my trainees, Drs. Fowke, Ma, and Matthews and Mr. Hurley (see below), into the very vibrant medical/public health research machinery of the Department of Medicine. As part of the formal training, I very quickly (in 1989-90) developed and taught a course in Nutritional Epidemiology (this was consistently one of the highest rated courses in the MPH Program). As part of the effort to increase inter-campus collaboration, I taught this course in Worcester and Amherst in alternating years. While also working with the Ph.D. students, I advised a minimum of two MS/MPH students per year.

Ph.D. Students in Public Health:

At the University of Massachusetts I advised three doctoral students who have completed their Ph.D. degrees, all in Epidemiology.

- Charles E. Matthews, Ph.D. granted in Epidemiology in February 1999. Dr. Matthews had masters training in exercise physiology, which helped to inform and shape his thesis “The measurement of physical activity in free-living humans and the effect of seasonal and short-term changes in physical activity on cardiovascular disease risk factors.” His work, based on the NHLBI-funded SEASONS Study, focused on: 1. understanding how physical activity varies from person to person and over time; 2. the role of physical activity in determining changes in body weight; and 3. the role of physical activity in determining levels of serum lipids. As a doctoral student, Dr. Matthews won the prestigious Paffenbarger Award, a national competition open to all students and faculty working on health effects of physical activity. In December 1999, Dr. Matthews joined the faculty of the Department of Epidemiology of the University of South Carolina, School of Public Health as an Assistant Professor. In January 2003, he joined the faculty of Vanderbilt University School of Medicine/ Ingram Cancer Center.
- Jay H. Fowke, Ph.D. granted in Epidemiology in August 1999. Dr. Fowke had masters training in molecular biology and public health before beginning his doctoral program. His dissertation, “A dietary strategy to reduce breast cancer risk: estrogen metabolism and *Brassica* vegetable consumption,” focused on an intensive dietary intervention in women at high risk of breast cancer. It represented a collaboration between epidemiology, pharmacology, and endocrinology to test the effect of a Brassica vegetable (e.g., broccoli, cabbage) – rich diet on induction of phase I enzymes and estrogen metabolites. In January 2000, Dr. Matthews joined the faculty of the Department of Epidemiology of the University of South Carolina, School of Public Health as an Assistant Professor. He has since (July 2001) moved on to an Assistant Professor position in the Vanderbilt University School of Medicine/ Ingram Cancer Center.
- Yunsheng Ma received his Ph.D. in Epidemiology in 2002. Prior to this he received his masters’ degree, also at UMass, in 1997. He entered these programs with his initial academic training as an infectious disease physician. He began working with me, in 1993, as a Preventive Cardiology Resident. After completion of his MPH in Epidemiology he was appointed as an epidemiologist/biostatistician. His doctoral dissertation, which is based on the Seasons Study 24-hour recall data, will focus on the role of timing of food intake in relation to weight control (1996 to present). I continued to serve as an outside reviewer on his dissertation. He was appointed as an Assistant Professor at UMass Medical School in 2003.

Postdoctoral Fellows:

I advised numerous post-doctoral students while at the University of Massachusetts, one of who was my protégé. Dr. Cara Ebbeling joined me in the Division of Preventive and Behavioral Medicine in August 1997. She holds a Ph.D. in nutrition from the University of Connecticut and an M.S. in exercise science from the University of Massachusetts. While in our group she co-authored numerous papers, mainly on diet and physical activity, or both. She currently is an Instructor in Endocrinology at Children’s Hospital and Harvard Medical School.

MS/MPH Program:

- Developed (in 1989-90) and taught a course in Nutritional Epidemiology (this was consistently one of the highest rated courses in the MPH Program). As part of an effort to increase inter-campus collaboration, this course is taught every other year in Amherst. All of my doctoral students in epidemiology were introduced to my work and the possibility of collaboration through this course.
- Advised a minimum of two MS/MPH students per year.
- Lecturing on Psychosocial Factors and Immune Response in Community and Clinical Interventions for Health Promotion
- In the summer, we often had an intern placement from the School of Public Health MS program join us for a research placement under my supervision.

At UMass I had numerous masters' advisees. One of these, Thomas G. Hurley, is currently the managing director of the Dietary Assessment Unit of USC's Cancer Prevention and Control Program. He received his MS in epidemiology and biostatistics in 1997. We have published 32 papers together (including seven that are in press). Another with whom I continue to collaborate, and who received his Ph.D. after I left, is Yunsheng Ma (see above). Of the 30 papers we have published together, 7 include Barbara Olenzki, who began her masters program when I was at UMass and finished after I left. In addition to these 7 articles, we have four in print and one in press (this one includes Dr. Ma).

Residents Education:

Family and Community Medicine:

Because the Preventive Medicine Residents are often enrolled simultaneously in the MPH program, there is a natural overlap between the two activities. I often provided individual instruction and thesis advice to an average of one resident per year who was a student concurrently enrolled in the MPH program. Currently, Dr. Gordon Saxe, a Preventive Medicine Resident, who also has a Ph.D. in Epidemiology (and is therefore not in the MPH program), is working directly under my supervision in the Division of Preventive and Behavioral Medicine on a study of diet and prostate cancer.

Medicine:

Provide individual instruction in Epidemiology and Biostatistics to individual residents. For example, in 1993 worked with Rohitt Bhalla, M.D. on the role of antioxidant vitamins in lung precancerous lesions.

Medical Students Education:

First Year:

Co-teaching the Clinical Nutrition segment in G.I. Histology and Physiology (co-teaching 3 sessions)

Second Year:

Co-teaching in the Nutrition course

Leading a workshop in the Biostatistics Epidemiology (up to 8 sessions per year)

Occasional Lectures:

- Cancer Epidemiology (in the Oncology Course)
- Global Medical Education

Other Individual Instruction:

- Spring semesters from 1990 to 1995, advised one or two Clark University/Human Ecology Program Student(s). This formed the basis for the student's senior thesis
- Each year from 1991 to the time of my departure in 1999, I advised one AP-4 program study student (i.e., the program that provides clinical and community training for nutrition students who require a research placement for satisfactory completion of the registered dietitian (RD) requirement)
- Each summer, advised one or two minority high school students through the UMMC Minority Affairs Office

Numerous occasional lectures to Faculty and Staff (many done yearly or more frequently) at UMMC including:

- A Seminar on Study Design-Innovations in Medical Education Grant Program (1996)
- The Role of Nutrition in Cancer Prognosis
- The Role of Nutrition in Cancer Etiology
- The Use of Survival Analysis in Endocrinology (1995)
- Teaching in the Monthly Seminars of the Behavioral Sciences Resource Core (through 1999)

Consultation with Medicine and other Faculty:

- Averaged about 4-5 hours per week
- Focused on study design and analyses issues as well as methodologic considerations in risk factor and outcome assessment

Other Teaching-Related Activities:

- UMMS/UMass Amherst Joint MPH Program Advisory Committee
- UMMS Education Policy Committee (EPC) Task Force I, Physician, Medicine and Society for Curriculum Revision (1995 - 1997)
- UMMS EPC Course Committee Physician, Medicine and Society

II. At the UNIVERSITY OF SOUTH CAROLINA, ARNOLD SCHOOL OF PUBLIC HEALTH (From September 1999):

Because of my very active involvement in the public health program at the University of Massachusetts, the transition to this position was not as difficult as it might otherwise have been. Despite my administrative responsibilities, I am very actively involved in teaching in the masters and doctoral programs. The non-formal teaching responsibilities still represent a very important part of this. I continue to expend most of my teaching effort in the non-formal teaching of doctoral students who have been involved in our various studies, mainly those focused on the role of diet in cancer.

Currently, there is no Postdoctoral Training Program in the Department of Epidemiology and Biostatistics.

Ph.D. Students for whom I am or was Dissertation Committee Chair:

- Qi Dai, M.D., successfully defended his dissertation “Soyfood Intake and Urinary Phytoestrogen Excretion in Relation to Breast Cancer Risk” in July of 2001. His Ph.D. in Epidemiology was granted in August 2001. Dr. Dai had rigorous medical training and many years of experience working in molecular biology before completing his doctorate. In August of 2001, Dr. Dai was appointed a postdoctoral fellow in the Vanderbilt University School of Medicine/ Ingram Cancer Center. In 2005 he was named Assistant Professor of Medicine.
- Martha Shrubsole successfully defended her dissertation, “Dietary Intake and Metabolism of Folate in Relation to Breast Cancer Risk,” in July of 2001. Her Ph.D. in Epidemiology was granted in August 2001, at which time she was appointed a postdoctoral fellow in the Vanderbilt University School of Medicine/ Ingram Cancer Center. Early in 2004, Dr. Shrubsole was promoted to Assistant Professor.
- Swann A. Adams worked on a US Army-funded grant entitled “Quasi-Pro prospective Study of Breast Cancer and Diet.” In 2001, as Dr. Matthews had done previously, as a doctoral student she won the prestigious Paffenbarger Award, a national competition open to all students and faculty working on health effects of physical activity. Data from the Energy Study (NIDDK, JR Hebert, P.I.) and the Shanghai Breast Cancer Case-Control Study (NCI, W Zheng, P.I.) formed the basis for her dissertation, “Methodological And Substantive Issues: The Relationship Between Physical Activity And Breast Cancer,” which she successfully defended in November 2003. Swann won the 2004 Arnold School of Public Health Doctoral Student of the Year Award. In March of 2004, Dr. Adams was appointed as an Assistant Professor in the Department of Epidemiology and Biostatistics of the Arnold School of Public Health and the South Carolina Cancer Center/ Cancer Prevention and Control Program. We have published nine papers together, have one under review and two in preparation.
- Robin Puett was a dual degree candidate in epidemiology and environmental health sciences, the first such person in the history of the Arnold School of Public Health. Her dissertation work is focused on geographical determinants of disease / spatial epidemiology. She successfully defended her dissertation, “Application of Spatial Statistics to Environmental Epidemiology Research,” on 28 May 2004. Robin won the 2004 Epidemiology Graduating Student of the Year Award. She began a postdoctoral fellowship at Harvard University / Channing Laboratory in August 2004. On 1 December 2007 she joined the USC the faculty as an Assistant Professor in the Department of Epidemiology and Biostatistics and the Cancer Prevention and Control Program.

- Duvel William White, a career US Army officer (Major) who was posted at Ft. Jackson while working on his Ph.D. in Epidemiology, designed and implemented a cohort study of acute upper respiratory infections among new Army recruits. On 5 November 2004 he defended his dissertation, “Indoor Environment, Personal Factors and Their Relationship with the Risk of Acute Respiratory Infection Transmission.” He currently is an Associate Professor at the Uniformed Services University of the Health Sciences at Bethesda, Maryland. We are in the process of finalizing the three papers that will come out of this work.
- Zhihong Gong, a physician from China, has worked on the relationship between dietary factors, gene polymorphisms, and racial disparities in hormone-sensitive cancers, including colon cancer. On 6 April 2005 she successfully defended her dissertation, “Lipid metabolism-related genetic polymorphisms, diet, and other related environmental factors with risk for colorectal adenomas.” Three papers from this body of work are in print. She joined the Fred Hutchinson Cancer Center at the University of Washington as a postdoctoral fellow in 2005, working with Dr. Alan Kristal and his colleagues in diet and cancer. In December 2007 she began a new position as research scientist II in the Division of Cancer Epidemiology, Department of Epidemiology & Biostatistics, University of California at San Francisco working with Dr. Elizabeth Holly and colleagues on several pancreatic cancer projects.
- Mary Modayil is working on a US Army-funded grant entitled “Phase I Induction and Estrogen Metabolism in Women With and Without Breast Cancer and in Response to a Dietary Intervention” that forms the basis for her dissertation, which she successfully defended the 19th February 2007. Three papers from this work are in preparation.
- Bettina Fisher-Drake received a minority training fellowship from the Centers for Disease Control and Prevention to work on prostate cancer in African-American men. This work formed the basis of her dissertation, “Prostate Cancer Disparities in South Carolina: Treatment and Survival;” which she defended on 23 June 2006. Bettina won the 2006 Epidemiology Graduating Student of the Year Award at Commencement 4 May 2006. She is currently a Yerby Postdoctoral Fellow in the Harvard School of Public Health. We have published two papers together and have three in preparation.
- Kathy Dhotre matriculated into our Ph.D. in Epidemiology program in August 2007. Before coming to USC she served as an epidemiologist in the Division of Viral Hepatitis, Coordinating Center for Infectious Diseases, Centers for Disease Control and Prevention. Prior to that she received a Masters of public health and epidemiology from Emory University (December 2000). Her current interests focus on diet and cancer, including the role of conditioned responses in determining cancer risk and response to cancer therapies.
- Philip Cavicchia, MSPH, joined the CPCP as a masters student in August 2006 and was admitted into our Ph.D. program in August 2008. His interests are in the area of diet, inflammation and cancer disparities. He defended his master thesis “Development and Validation of an Inflammatory Index” on 11 November 2008. He will develop this line of work for his doctoral dissertation.

Ph.D. Students for whom I am or have been a Committee member:

- Gary Ellison, Ph.D. granted in Epidemiology in December 1999. Dissertation topic: Psychosocial stress and prostate cancer in African-American men.
- Tina Costacou, M.Sc., Ph.D. granted in Epidemiology in May 2002. Dissertation topic: Dietary factors and complications of diabetes.
- Carolyn Banister, Ph.D. in Pathology (USC School of Medicine) in progress.

Masters Students:

- Yasmin Khan, M.Sc., MSPH. Thesis: “Effect of Religiosity and Marital Status on Recurrence and Mortality in Early Stage Breast Cancer Patients;” defended on 8 November 2002.
- Marie-Josophe Horner, MSPH. Thesis: “Social Desirability Trait and Systematic Errors in Reporting of Dietary Macronutrients;” defended on 1 December 2005.
- Santosh Sharad Ghumare, MSPH. Thesis: “Contrasting Prostate and Breast Cancers in India: Differences in Incidence and Stage at Diagnosis;” defended on 4 April 2006.
- Puneet Misra, MBBS, a faculty member at the All-India Institute of Medical Sciences in Delhi, received an MPH on 4 May 2006.
- Sara Elizabeth Wagner, MSPH. Thesis: “The Geographical Determinants Contributing to the Racial Disparity of Prostate Cancer in South Carolina;” she is on target to defend in the spring of 2007.

- Jennifer Davis, MSPH, is working on “Racial Disparities in Pediatric Cancers in South Carolina;” she is on target to defend in the late spring/ early summer 2007.
- Jaclyn Guess, MSPH, joined the CPCP and our masters program in August 2006. Her interests are in the area of cancer disparities in SC.
- Many other students work in my group and are advised by junior faculty with whom they work most closely.

Courses taught:

- Doctoral Seminar (EPID 845) - Spring 2000, 2001, 2003, & 2005
- Masters Seminar (EPID 745) - Fall 2000
- Nutritional Epidemiology (EPID 763) - Fall 2001, 2003, 2005, & 2007; This was approved as a new course in 2002. It has garnered very high ratings since its inception.
- Advanced Epidemiologic Methods (EPID 801) - Spring 2002, 2004, 2006, 2008; This is an entirely revamped course. Students write and review NIH-style (R01) grant applications as part of the course; many go on to submit applications which are successfully funded.
- Cancer Epidemiology (EPID 746) - Fall 2002, 2004, 2006, 2008; This course was taught with PATH 760, Cancer Causes and Control, and PATH 710, Neoplasia in 2002 and 2004. This was the first time a course has ever been co-taught, as opposed to cross-listed, by faculty in the Arnold School of Public Health and the School of Medicine. With lower ratings in 2004, we redesigned the course without co-teaching with the School of Medicine courses.

Junior Faculty Mentoring and Development:

Exclusively since coming to South Carolina in 1999 to assume the chairmanship of the Department of Epidemiology and Biostatistics, I have embarked on a deliberate program of faculty mentorship. With the formation of the Cancer Prevention and Control Program in 2003, junior faculty development and mentoring has become a major focus of my attention. In my role as a senior mentor, I provide faculty protégés (see table below) with access to existing data sets and ongoing projects (and other relevant resources and experiences) that, in turn, provide ready access to publishable data. I work very closely with all of these individuals in terms of career planning and related activities, especially preparing grant applications, presentations, and manuscripts for publication.

Faculty Protégés Mentored Since 1997

Name of Faculty	Institution, Field, Degree, Date	Current Academic Department / Effective Date	Joint Publications*
Swann A. Adams ^{†‡}	University of South Carolina Arnold School of Public Health, Epidemiology, Ph.D. 2004	Department of Epidemiology & Biostatistics/ Assistant Professor / May 2004	14
Cheryl A. Armstead ^{†§}	University of Tennessee Knoxville, Ph.D., 1991; Duke University Medical Center, 1994	Department of Psychology/ Associate Professor/ September 2006 [§]	1
Heather Brandt [†]	University of South Carolina Arnold School of Public Health, Health Promotion Education and Behavior, Ph.D. 2003	Department of Health Promotion Education and Behavior/ Assistant Professor July 2005	9
James B. Burch [†]	Colorado State University, Environmental Health; Epidemiology, Ph.D. 1997	Department of Epidemiology & Biostatistics/ Assistant Professor/ August 2005	7
Thomas G. Hurley [†]	University of Massachusetts, School of Public Health, Epidemiology, MS 1997	USC, CPCP, Research Associate, Managing Director, Dietary Assessment Unit/ December 1999	39
Robin Puett [†]	USC, ASPH, Epidemiology Environmental Health Sciences, Ph.D. 2004/ Harvard Postdoc 2004- 7	Department of Epidemiology & Biostatistics/ Assistant Professor / December 2007	3
Susan Steck [†]	University of North Carolina, Chapel Hill, Ph.D. 1999; NCI Cancer Epidemiology Postdoc, 2001	Department of Epidemiology & Biostatistics/ Assistant Professor / November 2005	6

* Includes only full-length peer-reviewed publications currently in print

† This individual is currently on the faculty of the University of South Carolina

‡ Former Doctoral Student

§ Occupied the academic position in advance of this date, which is the official point at which the faculty member joined the Cancer Prevention and Control Program through a Research Supplement to the NCI-funded South Carolina Cancer Disparities Community Network (1 U01 CA114601-01)

¶ This person moved to the University of Alabama, Birmingham on 1 October 2007

III. OTHER RELEVANT EXPERIENCE NOT BASED in MY PRIMARY UNIVERSITY AFFILIATE

A. Introduction to Public Health Research Methods

During the late 2004 Dr. Glorian Sorensen, Professor of Society, Human Development and Health, Harvard School of Public Health, Boston, Massachusetts and Director of the Center for Community-Based Research at the Dana Farber Cancer Institute, and I were approached by Dr. Subramaniam Ganesh, Head of Medical Records, Biostatistics, and Epidemiology at the Tata Memorial Centre (TMC is the largest cancer treatment and research facility in South Asia) to develop a course and teach a course in public health research methods.

Along with Dr. Prakash C. Gupta, a close friend and colleague who is Director of Healis-Sekharsaria Institute of Public Health, from 21 to 24 March we delivered an intensive 4-day course to 36 participants from most departments within the TMC, and individuals who came from other institutions within India including the All India Institute of Medical Research (AIIMS) in Delhi and the Regional Cancer Centre in Trivandrum.

Course Title as Listed: Introduction to Public Health Research Methods

Instructors of Record:

James Hebert, ScD, University of South Carolina, Arnold School of Public Health

Glorian Sorensen, PhD, Harvard University School of Public Health, Boston, MA, USA

Prakash C. Gupta, ScD, Healis-Sekharsaria Institute of Public Health, Mumbai, Maharashtra, India.

Course Objectives Met: By the end of this course, students:

1. Understood how to apply the criteria used for judging causality in relationships between health outcomes and putative risk factors
2. Understood and were able to apply basic principles of study design in public health
3. Were able to identify the research design most appropriate for a given public health research question
4. Were able to identify threats to validity in study design/interpretation of results (e.g., confounding, bias, random error, misclassification)
5. Were able to distinguish between confounding and effect modification
6. Were able to interpret study results using odds ratios, relative risks, and other measures of association
7. Began to develop the basic skills needed for writing research proposals.

My Primary Role Was to Teach on:

- History of Public Health - Key factors in changing patterns in morbidity and mortality globally and in India
- Demographic/ Epidemiologic Transitions/historical trends influencing health outcomes
- Criteria for Judging Causality (philosophical & historical perspectives & practical issues)
- Types of Error (I, II, III)
- Errors in Assessment (random, systematic)

- Validity (content, construct, criterion)
- Reliability
- Types of Study Designs
- Variance Estimation in Nested Studies
- Testing Hypotheses vs. Measuring Effect
- Conceptualizing the Study
- Linking the Research Question to Study Design
- Effect Modification/Confounding

My Secondary Role Was to Participate in All Group Discussions