

## CURRICULUM VITAE of JAMES R. HÉBERT

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 University of South Carolina  
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 1417 Gregg Street  
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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 ARTS and SCIENCES 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 Family and Preventive Medicine & Epidemiology	UNIVERSITY of SOUTH CAROLINA SCHOOL of MEDICINE, Columbia, SC	09/2001 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:**

President, Scientific Director and Chair, Department of Nutrition	Connecting Health Innovations LLC, Columbia, SC	02/2013 to present
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 (ASPH), Columbia, SC	09/1999 to 08/2002
Director, Nutrition Center	UNIVERSITY of SOUTH CAROLINA ASPH, 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 & Director, Computing Facility	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, Tamil Nadu, India	1978-1980

**PROFESSIONAL AFFILIATIONS (past and present):**

American Association for Cancer Research	International Epidemiological Association
American Society of Nutrition (Federation of American Societies for Experimental Biology)	International Society of Behavioral Nutrition and Physical Activity
American College of Epidemiology	International Society for Preventive Oncology
American Public Health Association	Nutrition Society (Formerly, Royal Society of Nutrition, London)
American Society of Clinical Pathologists (Hematology) H (ASCP) – Registration H-338	New York Academy of Sciences
American Statistical Association	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
2012	University of South Carolina Board of Trustees Professorship
2014	US National Cancer Institute / Indian Department of Biotechnology Provocative Questions Workgroup Member
2016	Breakthrough Leadership Award, University of South Carolina
2017-2019	NIH Nutrition Research Task Force Thought Leaders Panel Member
2018	Clarivate Analytics / ISI Web of Science®, Highly Cited Researcher (top 1% in the field)
2019	Visiting Professor, American University of Beirut, Faculties of Agricultural and Food Sciences and Medicine
2022-2024	University of South Carolina, Honors College Pearce Faculty Fellow

**INTELLECTUAL PROPERTY**

2017	Federally Registration granted for the Dietary Inflammatory Index (DII®) granted by the US Patent and Trademark Office (USPTO)
2018	US Patent 10,042,977 was granted by the USPTO on 7 August 2018 for a Method Utilizing Repeat PSA Screening for Diagnosis of Virulent Prostate Cancer
2021	Patent applied for the IMAGINE™ (Inflammation MAnagement INtervention™ Counseling System as advised by the USPTO)

**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
Nutrients	2019 – present

**JOURNALS REVIEWED FOR:**

Advances in Mind-Body Medicine	Journal of Cancer Education
Advances in Nutrition	Journal of Environmental and Occupational Medicine
Advances in Nutrition Research	Journal of Health Promotion
American Journal of Clinical Nutrition	Journal of Men's Health
American Journal of Epidemiology	Journal of Nutrition
American Journal of Health Promotion	Journal of Public Health Management and Practice
American Journal of Men's Health	Journal of the National Cancer Institute
American Journal of Preventive Medicine	National Medical Journal of India
American Journal of Public Health	Nature
Annals of Epidemiology	New England Journal of Medicine
British Journal of Nutrition	Nutrients
Bulletin of the WHO	Nutrition
Cancer	Nutrition Research
Cancer Epidemiology Biomarkers & Prevention	Nutrition and Cancer
Cancer Epidemiology Detection & Prevention	Obesity
Cancer Research	Preventive Medicine
Epidemiology	Progress in Community Health Partnerships
European Journal of Clinical Nutrition	Psycho-Oncology
European Journal of Epidemiology	Public Library of Science (PLoS) One
European Journal of Nutrition	Public Health Nutrition
Immunology and Infectious Disease	RN Magazine
International Journal of Cancer	Science
International Journal of Epidemiology	
Journal of the American Medical Association	

**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 – present; Chair, 2001 – 2011)
- 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)
- Genetic and Epigenetic Epidemiology Search Committee (2014 – 2015)
- General Epidemiology Search Committee (Chair 2017 – 2018)
- Infectious Disease Epidemiology Search Committee (Chair 2018 – 2019)

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 – 2009)
- Research Strategic Planning Committee – Cancer Prevention and Control (2010)
- Center of Economic Excellence, Endowed Chair in Cancer-Related Health Disparities, (Search Committee Chair, 2011)
- Cancer Cluster Search (2012 – 2013)

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)
- Fulbright Fellowship Program Committee (2015 – present)

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

9<sup>th</sup> 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 (2003 – present); Chair (2003 – 2009) – reelected 19 October 2005; resigned to assume Board duties, January 2009
- Coordinating/Governing Council; Co-Chair (2003 – 2009) – 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 – 2010
- Board Member (January 2009 - 2013)

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, 2007-2009  
Reviewer for University of Maryland, School of Medicine, one of the Community Networks Program sites, which is based in Baltimore, Maryland, 2008-2009  
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).  
National Institutes of Health, Center for Scientific Review (CSR), Member, “College of CSR Reviewers” 2010-12; This is a standing committee of senior reviewers charged with targeted review of NIH applications in areas of expertise.  
National Institutes of Health, National Cancer Institute, Division of Cancer Control and Population Sciences, Behavior Research Program, External Advisor to the Strategic Planning Process, July 2010.

Health Research Council (HRC) New Zealand / Ministry of Health; Review applications to RFP, *Prostate Cancer Research*, to support a study that will obtain information about complications and morbidity associated with healthcare in New Zealand men after an abnormal PSA test, November 2010.

Tennessee Board of Regents, University of Memphis, Chair of Review Panel for UM's newly established School of Public Health's Epidemiology Doctoral Program), March 2011.

National Institutes of Health, National Cancer Institute, Division of Cancer Control and Population Sciences, Behavior Research Program, New Methodology Branch Chief Search Committee, September 2011 to April 2012.

National Witness Project, Board of Directors, June 2012 to present.

University of Vermont, Vermont Comprehensive Cancer Center, External Advisory Board, June 2012 to present.

National Institutes of Health, National Institute on Minority Health and Health Disparities, ZMD1 RN (07) R, NIMHD Community-Based Participatory Research (CBPR) Initiative in Reducing and Eliminating Health Disparities: Planning Phase (R24), 6-9 August 2012.

University of Michigan Children's Environmental Health Center, External Advisory Board, September 2013 to present.

US National Cancer Institute / Indian Department of Biotechnology Provocative Questions Workgroup, Trivandrum, Kerala, India, 3-5 November 2014.

National Cancer Institute Community Networks Program Centers, National Publications and Presentations Committee Chair, 2010 to present.

National Cancer Institute Community Networks Program Centers, Community/Clinical Trials Affinity Group Chair, 2014 to present.

National Cancer Institute Community Networks Program Centers, Mentoring and Training Committee Co-Chair, 2011 to present.

National Cancer Institute Community Networks Program Centers, Biospecimen Affinity Group Co-Chair (enfolded into the Community/Clinical Trials Affinity Group in March, 2015) to present.

Editor; Special Community Networks Program Centers Issue in [Progress in Community Health Partnerships](#), 2014-5, which was published in the Spring 2015 (see #10 in E. Editorials, Invited Comments, and Opinion Pieces (Biomedical Literature).

National Institutes of Health, National Cancer Institute, Research Training and Resources Branch, Subcommittee F – Institutional Training and Education, 27-8 February 2017.

National Institutes of Health (NIH) Nutrition Research Thought Leader Panel for the NIH Nutrition Research Task Force (NRTF), which is charged with providing visionary input in prioritizing gaps and opportunities for strategic planning of nutrition research at the NIH – June 2017 to July 2019.

National Institutes of Health, National Cancer Institute, National Institute on Minority Health and Health Disparities and National Institute on Alcohol Abuse and Alcoholism, ZRG1 PSE-H (55), PAR Panel: Mechanisms of Disparities in Chronic Liver Diseases and Cancer. 15 November 2017.

The Foundation for Global Community Health Foundation (GCH) Scientific Advisory Board – GCH is a 501(c)(3) nonprofit foundation that is the only organization whose primary purpose is to support the [United Nation's Sustainable Development Goals \(UN SDGs\)](#). 2018 - Present

**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)

Columbia (SC) Friends (Quakers) Meeting, Peace and Social Concerns Committee (2011-3)

Tree of Life Coffee House – Socially Conscious Music for Progressive Columbians (2017-present)

**FUNDED GRANTS & CONTRACTS Summary (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; request “NIH Other Support” pages for actual grant number and short project narrative summaries):**

Agency:	Short title:	Grant Period:	Average Total Cost/Year (US\$)
<b>As Principal Investigator:</b>			
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
BRSB (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 With and Without Breast Cancer and in Response to a Dietary Intervention	2000-2003	109,000
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	2002-2004	531,887



	Control Network		
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	Diet & Activity Community Trial: High-Risk Inflammation	2008-2013	563,912
NCI-CRCHD	SC Cancer Disparities Community Network - Epigenetics and Diet in the Carcinogenesis Process	2008-2009	99,679
NCI-CRCHD	SC Cancer Disparities Community Network – Dissemination of the Witness Project	2009-2011	144,000
NCI	Established Investigator Award in Cancer Prevention and Control	2009-2014	160,100
NCI/CDC	Health Promotion & Disease Prevention Research Centers/ SC Cancer Prev & Control Research Network	2009-2014	299,997
NCI-NCCCP	Partnership with NCCCP and the CNP Institutions to Increase Screening in Racial/Ethnic Minority and Other Underserved Populations	2010-2011	95,663
NCI	HIV/AIDS-Related Cancers Among Racial/Ethnic and Underserved Populations (SC Cancer Disparities Community Networks)	2010-2011	199,999
NCI	Administrative Supplement for Infrastructure and Planning for Community Health Educators (CHE) for Outreach, Education, Coordination and Evaluation	2010-2011	25,000
NCI-CRCHD	South Carolina Cancer Disparities Community Network-II	2010-2015	856,779
NCI-CRCHD	SCDCN-II Administrative Supplement to Expand NCI-Supported Community Outreach	2012-2013	99,987
NCI	Administrative Supplement for Community Health	2011-2012	45,000

	Educators (CHE) for Prostate Cancer/ Men’s Health		
NCI	Feasibility of a Multicenter Obesity Reduction Community Trial in Region 2	2011-2012	36,967
NCI	Administrative Supplement to Expand NCI-Supported Community Outreach Capacity	2013-2015	32,498
NIH/NIMHD	Leveraging Best Practices in Mentoring from the Collective experience of the Community Networks Program Centers	2013-2014	21,744
NCI	Strengthening Research, <u>Training</u> , and Outreach Capacity of the Geographic Management of Cancer Health Disparities Program (GMAP)	2013-2014	39,717
NIH/ NHLBI	DIDACTIC: Dissemination and Implementation of a Diet & Activity Community Trial	2014-2018	525,331
NCI	Administrative Supplement for Strengthening, Research, Training, and Outreach Capacity of the Geographical Management of Cancer Health Disparities Programs (GMAP)	2014-2015	169,998
NCI	Administrative Supplement to Expand NCI- Supported Community Outreach Capacity Through Community Health Educators (CHE's) of the National Outreach Network (NON)	2014-2015	65,632
NIH/ NHLBI	DIDACTIC – Administrative Supplement to Venice Haynes; JR Hébert, Mentor	2016-2018	43,890
NCI	Strengthening Research, Training, and Outreach Capacity of the Geographic Management of Cancer Health Disparities Program (GMAP)	2019-2021	49,663
CDC	Community Activation for Prevention and Screening- A Randomized Controlled Trial	2017-2020	49,220
NCI	Role of Circadian Factors in Inflammation and Colorectal Adenoma Risk (subcontract PI – VCU Main)	2019-2024	585,884
NCI	Administrative Supplement for Strengthening Research, Training and Outreach Capacity of the Geographic Management of Cancer Health Disparities (GMAP)	2021-2023	74,494
NCI	A Transdisciplinary Approach to Investigating Metabolic Dysregulation in Obese Parent and Child Dyads and Risk of Colorectal Cancer	2022-2027	1,116,578
<b>As Co-Principal Investigator/Co-Director:</b>			
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
Coca-Cola	Energy Balance Study	2010-2013	192,765
NCI	Feasibility of a Multicenter Obesity Reduction Community Trial in Region 2	2012-2013	37,000
Prevent Cancer Fdn	Dietary Inflammatory Index and Risk of Breast and Colorectal Cancers	2013-2015	40,000
NCI	Addressing acquiescence: Reducing survey error to	2013-2018	533,853

	promote Latino health		
NCI	HPV-Mediated Cancer Health Prevention Education for Women Living with HIV Pilot Study (Mentored Award)	2013-2018	142,309
NCI	Longitudinal changes in the Dietary Inflammatory Index and Risk of Cancer in Women	2013-2015	38,889
NIH/ NIDDK	Developing the Dietary Inflammatory Index for Clinical Application	2014-2017	576,748
NCI	Role of Circadian Factors in Inflammation and Colorectal Adenoma Risk	2019-2024	878,826
CDC	Cancer Prevention and Control Research Network - Multi-Level, Community-Clinical Cancer Prevention and Control Interventions	2019-2024	298,235
<b>Total of all Grants as Principal Investigator or Co-P.I.</b>			<b>&gt; \$88,000,000</b>

**PUBLICATIONS** – Please note that: \* indicates current or former student for whom I am/was committee chair; † indicates other student advisee; ‡ indicates current or former USC junior faculty colleague/ protégé. For papers published after April 2009 that have been supported by an NIH grant I have provided either a PMID or a PMCID, or both. Note that for papers published since April 2009 a **red font indicates that at least a PMID or NIHMS ID is available, but the PMCID is in Process**; **green font indicates that neither PMID nor NIHMS ID is available, though the PMCID may be in process.**

The [url](http://www.ncbi.nlm.nih.gov/pubmed/?term=hebert+jr) for My NCBI (NLM Bibliography) is: <http://www.ncbi.nlm.nih.gov/pubmed/?term=hebert+jr>

#### 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.
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762. Mignogna C, Costanzo S, Di Castelnuovo A, Ruggiero E, †Shivappa N, **Hébert JR**, Esposito S, De Curtis A, Persichillo M, Cerletti C, Donati MB, de Gaetano G, Iacoviello L, Bonaccio M. The inflammatory potential of the diet as a link between food processing and low-grade inflammation: An analysis on 21,315 participants to the Moli-sani study. *Clin Nutr* 2022;41(10):2226-34. doi: 10.1016/j.clnu.2022.08.020 [Epub ahead of print 2021/09/10]. PMID: 36081297.

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764. Mathias W, Nichols KA, Golden-Wright J, Fairman CM, †Felder TM, Workman L, Wickersham KE, Flicker KJ, Sheng J, Noblet SB, \*\*Adams SA, †Eberth JM, Heiney SP, Wilcox S, **Hébert JR**, †Friedman DB. Implementation During a Pandemic: Findings, Successes, and Lessons Learned from Community Grantees. *J Cancer Educ* 2022 xx(yy):00-000. doi: 10.1007/s13187-022-02213-4. [Epub ahead of print 2021/09/03]. PMID: 36056185. Awaiting PMCID:PMCxxxxxxx.
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### 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. Wynder EL, **Hebert JR**. Homogeneity in nutritional exposures: An obstacle in cancer epidemiology. *J Natl Cancer Inst* 1987;79:605-607.
3. **Hebert JR**, Kabat GC. Menthol cigarette smoking and esophageal cancer - A hypothesis. *Am J Public Health* 1988;78:986-987.
4. **Hebert JR**, Miller DR. Presentation and discussion of odds ratios and relative risks - technical note. *J Clin Epidemiol* 1989;42:289-290.
5. **Hebert JR**. Differences in biological responses to cigarette smoking remain unexplained. *Am J Public Health* 1991;81:1679-1680.
6. Kabat GC, Augustine A, **Hebert JR**. Smoking and adult leukemia: evaluation of a causal hypothesis. *Am J Epidemiol* 1994;139:849-852.
7. 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.
8. 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.
9. \*\*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.
10. 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.
11. 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.
12. Firth J, Stubbs B, Teasdale SB, Ward PB, Veronese N, \*\*Shivappa N, **Hebert JR**, Berk M, Yung AR, Sarris J. Diet as a hot topic in psychiatry: a population-scale study of nutritional intake and inflammatory potential in severe mental illness. *World Psychiatry* 2018; 17(3):365-367. doi: 10.1002/wps.20571.

### 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 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, †Mosley CM, †Johnson MG, 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.
9. ‡Steck SE, \*Shivappa N, †Tabung FK, †Harmon BE, ††Wirth MD, \*Hurley TG, **Hebert JR**. The Dietary Inflammatory Index: A New Tool for Assessing Diet Quality Based on Inflammatory Potential. *The Digest of the Research Dietetic Practice Group (RDPG) of the Academy of Nutrition and Dietetics* 2014; 49(3): 1-9.

**E. Editorials, Invited Comments, and Opinion Pieces (Biomedical Literature):**

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 JR**. Invited Commentary: Menthol cigarettes and risk of lung cancer. *Am J Epidemiol* 2003;158:617-620.
5. **Hebert JR**. Epidemiologic studies of diet and cancer: The case for india 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.
6. **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.

7. Alberg **AJ**, **Hebert JR**. Cigarette smoking and bladder cancer: a new twist to an old saga? *J Natl Cancer Inst* 2009;101(22):1525-6. PMID 20099381.
8. **Hébert JR**, Blair SN. Repudiation of the “Magic-Bullet” approach to health improvement: A call to empower people to get moving and take charge. *Br J Sports Med* 2012; 46(5):303-5. PMID:21705398.
9. Thompson B, **Hebert JR**. Involving disparate populations in clinical trials and biobanking protocols: experiences from the Community Network Program Centers. *Cancer Epidemiol Biomark Prev* 2014;23:370-3. PMID:24609845.
10. **Hébert JR**, Braun KL, Meade CD, Bloom J, Kobetz E. Community-based participatory research adds value to the National Cancer Institute’s Research Portfolio. *Prog Comm Health Partnerships* 2015;9 Suppl:1-4. doi: 10.1353/cpr.2015.0022. PMID: 26213397. NIHMS:747187. PMCID:PMC4703947.
11. **Hébert JR**. Social desirability trait: biaser or driver of self-reported dietary intake? *J Acad Nutr Diet* 2016; 116(12):1895-1898. doi: 10.1016/j.jand.2016.08.007. PMID: 27665256.
12. **Hébert JR**. Reducing Racial Disparities in Surviving Gastrointestinal Cancer Will Require Looking Beyond the Fact that African-Americans have Low Rates of Surgery. *Cancer Epidemiol Biomark Prev* 2021; 30(3): 438-440. doi: 10.1158/1055-9965.EPI-20-1808. [Epub ahead of print 2021/04/16]. PMID: 33857014.

#### F. Non Peer-Reviewed Articles and Letters to the Editor

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 and the risk of breast cancer. *N Engl J Med* 1987; 317:165-166.
6. **Hebert JR**, Wynder EL. Dietary fat, weight, and breast cancer. *Am J Epidemiol* 1987;125:751.
7. **Hebert JR**. Dietary fat and lung cancer. *Am J Epidemiol* 1988;127:416-417.
8. **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.
9. **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.
10. **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.
11. Gupta PC, **Hebert JR**. Re: Quantitative food frequency questionnaires: Applicability in India. *Natl Med J India* 1999;12:138-139.
12. **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.
13. **Hébert JR**, \*Hurley TG, \*Cavicchia P, \*Ma Y, Magner RP, \*Olendzki BC, Merriam PA, Ockene IS, Nebeling L. Response to Dr. Arab et al on “Number of 24-hour diet recalls needed to estimate energy intake” *Ann Epidemiol* 2010;20:87-88.
14. †Xirasagar S, Bennett CL, **Hebert JR**. Letter to the Editor in response to: “Colonoscopy vs. sigmoidoscopy screening: Getting it Right [JAMA 2010; 304(4), July 28]. *JAMA* 2010;304(18):2016-7. PMID 21063009.
15. \*Adams SA, †Steck SE, **Hébert JR**. Reply to differences in vitamin D status likely explain racial disparities in breast cancer mortality rates in the southeast. *Cancer*. 2012;118(17):4363-4. PMID:22213369.

16. **Hébert JR**, \*Shivappa N, †Tabung FK, ‡Steck SE, †‡Wirth M, \*Hurley TG. On the use of the dietary inflammatory index in relation to low-grade inflammation and markers of glucose metabolism in the Cohort study on Diabetes and Atherosclerosis Maastricht (CODAM) and the Hoorn study. *Am J Clin Nutr* 2014;99(6):1520. PMID:24847105.
17. Sunkara V, **Hébert JR**. The Application of the Mortality-to-Incidence Ratio for the Evaluation of Cancer Care Disparities Globally. Letter in response to Cordero-Morales et al. *Cancer* 2015; [Epub ahead of print] DOI: 10.1002/cncr.29746. PMID:26484652.
18. **Hebert JR**, Hurley TG, Steck SE, Miller DR, Tabung FK, Kushi LH, Frongillo EA. Reply to E Archer and SN Blair: Implausible Data, False Memories, and the Status Quo in Dietary Assessment. *Adv Nutr* 2015;6:230-3.
19. \*‡Adams SA, †Choi SK, ‡Eberth JM, †‡Brandt HM, †Friedman DB, **Hebert JR**. Response to: Medicaid Coverage Expansion and Implications for Cancer Disparities. *Am J Public Health* 2016;106:e8-9.
20. Frith E, \*Shivappa N, Mann JR, **Hébert JR**, †‡Wirth MD, Loprinzi PD. Response to: Potential confounding in a study of dietary inflammatory index and cognitive function. *Br J Nutr* 2018 120(9): 1078-9. doi: 10.1017/s0007114518002532. [Epub ahead of print 2018/09/18] PMID: 30220257.
21. Alkerwi A, Baydarlioglu B, Sauvageot N, Stranges S, Lemmens P, Shivappa N, Hebert JR. Reply-Letter to the Editor - Smoking status is inversely associated with overall diet quality: Findings from the ORISCAV-LUX study. *Clin Nutr* 2018;37(2):761-2. doi: 10.1016/j.clnu.2018.01.035. [Epub ahead of print 2018/02/15] PMID: 29439806.
22. **Hébert JR**,\*Shivappa N, †‡Wirth MD, \*‡Hurley TG, Hussey JR. Reply to FJB van Duijnhoven et al. on “Perspective: The Dietary Inflammatory Index (DII®): Lessons Learned, Improvements Made and Future Directions.” *Adv Nutr* 2020(1):179-80. doi: 10.1093/advances/nmz089. [Epub ahead of print 2020/01/17] PMID: 31945783.
23. Todendi PF, Salla R, \*Shivappa N, **Hebert JR**, Ritter J, Cureau FV, Schaan BD. Association between dietary inflammatory index and cardiometabolic risk factors among Brazilian adolescents: results from a national cross-sectional study - CORRIGENDUM. *Br J Nutr* 2021:1. doi: 10.1017/s000711452100427x. [Epub ahead of print 2021/11/11] PMID: 34753523.

**G. Editorials, Invited Comments, and Opinion Pieces (Lay Literature):**

1. **Hebert J**, \*Martin A. Commentary: Iraq war a threat to public health. *The State (Columbia, SC) Newspaper*; Thursday, May 15, 2003: pA9.
2. **Hebert J**. Commentary: Afghanistan is the latest battleground for public health, women’s rights. *The State (Columbia, SC) Newspaper*; Wednesday, October 3, 2001: pA15.
3. **Hebert J**. Commentary: A dangerous disregard for scientific truth. *The State (Columbia, SC) Newspaper*; Saturday, July 2, 2005: pA11.
4. **Hebert J**. Commentary: The world’s skepticism about U.S. intentions. *The State (Columbia, SC) Newspaper*; Thursday, December 29, 2005: pA12.
5. **Hebert JR**. Commentary: Bushes have history of helping dictators. *The State (Columbia, SC) Newspaper*; Monday, September 11, 2006: pA10.
6. **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.
7. **Hebert JR**. Commentary: Follow the money to find out who benefits from Iraq war. *The State (Columbia, SC) Newspaper*; Monday, March 26, 2007: pA10.
8. **Hebert JR**. Commentary: Our enemies in the Middle East are of our own making. *The (Spartanburg, SC) Herald-Journal*; April 15, 2007.
9. **Hebert JR**. Commentary: Real vs. explicit taxes: The cost of opportunities lost. *The State (Columbia, SC) Newspaper*; Sunday, August 24, 2008: pA19.
10. **Hebert JR**. Nuclear Power: Health dangers and economic folly. *The State (Columbia, SC) Newspaper*; Tuesday, December 9, 2008: pA19.

11. **Hebert JR.** Fighting cancer disparities helps everybody. The State (Columbia, SC) Newspaper; Tuesday, June 2, 2009: pA5.
12. **Hebert JR.** Stop wasting time, money on dysfunctional [health care delivery] system. The State (Columbia, SC) Newspaper; Monday, July 13, 2009: pA9.
13. **Hebert JR,** Brandt HM, Houston JF. An ounce of prevention: How Obamacare is making South Carolina healthier. The State (Columbia, SC) Newspaper; Tuesday, March 10, 2009: pA5.
14. <sup>‡</sup>Freedman DA, Peña-Purcell N, **Hébert JR.** Extending cancer prevention by improving fruit and vegetable consumption. The International Fruit and Vegetable Alliance Scientific Newsletter 2015; 96 (January2015):2.
15. **Hebert JR.** Why, as a Public Health Professional, I cannot vote for Republicans in the Upcoming Election. The State (Columbia, SC) Newspaper; Sunday, October 25, 2020: pA5.

#### **H. Published Reports of Scientific Relevance:**

1. South Carolina Cancer Alliance. South Carolina Cancer Report Card, 2004. Columbia, SC; 2005.
2. South Carolina Cancer Alliance. South Carolina Cancer Report Card, 2010. Columbia, SC; 2011.

#### **I. Books / Related Chapters:**

**Hebert JR & Hofseth LJ,** eds. Diet, Inflammation and Health. Diet, Inflammation, and Health. London: Academic Press/ Elsevier; 2022, 928pages.

- **Hebert JR.** *Preface*. In: Hebert JR, Hofseth LJ, eds. Diet, Inflammation, and Health. London: Academic Press/ Elsevier; 2022:xvii-xxxv.
- **Hebert JR & Hofseth LJ.** Chapter 1. Inflammation in the long arc of history. In: Hebert JR, Hofseth LJ, eds. Diet, Inflammation, and Health. London: Academic Press/ Elsevier; 2022:1-38.
- **Hebert JR.** Chapter 2. History of nutrition and inflammation. In: Hebert JR, Hofseth LJ, eds. Diet, Inflammation, and Health. London: Academic Press/ Elsevier; 2022:39-84.
- Hofseth LJ & **Hebert JR.** Chapter 3. Diet and acute and chronic, systemic, low-grade inflammation. In: Hebert JR, Hofseth LJ, eds. Diet, Inflammation, and Health. London: Academic Press/ Elsevier; 2022:85-112.
- **Hebert JR.** Chapter 5. Methods and tools used to describe and quantify the associations between diet, inflammation and health. In: Hebert JR, Hofseth LJ, eds. Diet, Inflammation, and Health. London: Academic Press/ Elsevier; 2022:163-226.
- Bohn T, Vahid F, Chiriboga D, **Hebert JR.** Chapter 8. Diet, inflammation, and cardiovascular disease. In: Hebert JR, Hofseth LJ, eds. Diet, Inflammation, and Health. London: Academic Press/ Elsevier; 2022:367-472.
- Chumanevich AA, **Hebert JR,** Spicer M, Hofseth LJ. Chapter 9. Diet, inflammation, and cancer. In: Hebert JR, Hofseth LJ, eds. Diet, Inflammation, and Health. London: Academic Press/ Elsevier; 2022:473-530.
- **Hebert JR.** Chapter 16. What constitutes an anti-inflammatory diet? How does this contrast with a pro-inflammatory diet? In: Hebert JR, Hofseth LJ, eds. Diet, Inflammation, and Health. London: Academic Press/ Elsevier; 2022:787-818.
- **Hebert JR & Hofseth LJ.** Chapter 17. Following the long arc of history: where do we go from here? In: Hebert JR, Hofseth LJ, eds. Diet, Inflammation, and Health. London: Academic Press/ Elsevier; 2022:819-75.

- **J. Additional 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: Handbook of Psychooncology, 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.
  13. **Hebert JR**. CH 182. Nutritional Epidemiology. in Section XI, Peterson K, Ed. In: Boulton ML, Wallace RB, eds. Maxcy-Rosenau-Last Public Health and Preventive Medicine. New York, NY: McGraw-Hill Medical, 2021.

## PRESENTATIONS:

### A. Selected Keynote Addresses, 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. Hyderabad, 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 9<sup>th</sup> 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. 25<sup>th</sup> 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? 25<sup>th</sup> 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 address the reviewers concerns. 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 21<sup>st</sup> Century. Indian Institute of Cancer Research Silver Jubilee National Meeting, Advanced Centre for Research Treatment and Education in Cancer (Tata Memorial Centre), Kharghar, Navi Mumbai, Maharashtra, India, 2 April 2009.
48. **Hébert JR.** Translational, Interdisciplinary and Community-Based Participatory Research: Relevance and “BIG” Science in the 21<sup>st</sup> Century. University of Georgia, Athens, Georgia, 30 September 2009.
49. **Hébert JR.** Menthol and Tobacco Smoke Exposure: What We Know; What We Don’t; and Where to Go. Second Conference on Menthol Cigarettes, Washington, DC, 19 to 20 October 2009.
50. **Hébert JR.** Translational, Interdisciplinary and Community-Based Participatory Research: Relevance and “BIG” Science in the 21<sup>st</sup> Century. University of Michigan, Ann Arbor, MI, 15 February 2010.
51. **Hébert JR.** The New Dietary Inflammatory Index. 111<sup>th</sup> Abbott Nutrition Research Conference: Inflammation and Nutrition in Chronic Disease. Ross Park, Columbus, OH, 29 June to 1 July 2010.
52. **Hébert JR.** Designing and Implementing TRIALS in, for and with Underserved, High-Risk Populations: Can Principles & Practice of Community-Based Participatory Research Provide a New, Different and Effective Strategy? National Cancer Institute GMap/ BMap Region 2 Meeting. Nashville, TN, 26-7 July 2010.
53. **Hébert JR.** Worlds in Transition: Studying Nutrition and Physical Activity in Relation to Cancer. University of Otago, Dunedin, Otago, New Zealand, 16 November 2010.
54. **Hébert JR.** Big Science, Type III Error, and the Future of Global Health. Karolinska Institute Stockholm, Sweden, 22 June 2011.
55. **Hébert JR.** Academic and Cancer Registry Partnerships to Improve the Public’s Health. Centers for Disease Control and Prevention, Atlanta, GA, 2 August 2011.
56. **Hébert JR.** Cancer-Related Public Health in the Southern US: Are Lessons Learned Elsewhere Applicable Here? Or, Considering the Influence of Type III Error in Distorting our View of Reality. Wake Forest University, Winston-Salem, NC, 9 September 2011.
57. **Hébert JR.** Considering the new USPSTF PrCA PSA Screening Guidelines. US-TOO, Lexington, SC, 2 November 2011.
58. **Hébert JR.** The Future of Cancer Research in the Context of NCI’s Cancer Research Continuum: The Roles of Type III Error, Big Science, Narrow Thinking and Looming Crises of the 21<sup>st</sup> Century. Cancer Grand Rounds, University of Massachusetts Cancer Center, Worcester, MA, 5 June 2012.
59. **Hébert JR.** NCI Crosstalk: Using Transdisciplinary “Constructs” to Increase Relevance across NCI’s Cancer Research Continuum. National Cancer Institute, Bethesda, MD, 20 September 2012.
60. **Hébert JR.** Community-Based Interventions to Reduce Colon Cancer Disparities in African Americans in South Carolina American Association for Cancer Research, The Science of Cancer Health Disparities in Racial/Ethnic Minorities & the Medically Underserved, San Diego, CA, 30 October 2012.
61. **Hébert JR.** Increasing Relevance Across NCI’s Cancer Research Continuum through Transdisciplinary Constructs. University of South Carolina, Columbia, SC, 23 January 2013.
62. **Hébert JR.** Anticipation, Type III Error, CBPR and the Future of Cancer Epidemiology. Cancer Prevention Grand Rounds Seminar Series Roswell Park Cancer Center. Buffalo, NY, 9 September 2013.
63. **Hébert JR.** The Role of Diet in Enhancing Health & Controlling Inflammation. Keynote Speech at The Raw Truth: A Wellness Morning on Clean and Lean Eating. Columbia, SC, 22 March 2014.

64. **Hébert JR.** India in Transition: Are apparent increases in cancer rates real? If so, what questions does this reality provoke? Rajiv Gandhi Centre for Biotechnology, Trivandrum, Kerala, India, 3 November 2014.
65. **Hébert JR,** \***Shivappa N.** Evolution of a Dietary Inflammatory Index: From an Idea ..... To an Emerging, Coherent Picture of the Role of Inflammation in Cancer. International Agency for Research in Cancer, Lyon, France, 9 June 2015.
66. **Hébert JR.** Mumbai Cohort Study – Phase III: Study of a Population in Demographic, Epidemiologic and Nutritional Transition. Richard Doll Epidemiological Studies (Cohorts >100,000 participants) Consortium, Clinical Trial Service Unit & Epidemiological Studies Unit, University of Oxford, Nuffield Department of Population Health, Oxford, England, 21 September 2015.
67. **Hébert JR.,** \*Shoaibi AS. Establishing a Cohort of African-American Men to Validate a Method for using Serial PSA Measures to Detect Aggressive Prostate Cancers. Alliance for Clinical Trials in Oncology, Spring Meeting, Chicago, Illinois, 14 May 2016.
68. **Hébert JR.** Diabetes & Cardiovascular Diseases: Perspective of a Predominantly Cancer Researcher. Addressing health disparities: the role of translational research. Meharry Medical College, Nashville, TN, 10-11 November 2016.
69. **Hébert JR.** The Power of Diet to Control Chronic Systemic Inflammation. Palmetto Medical, Dental, Pharmaceutical Association’s 121<sup>st</sup> Meeting/Convention, Columbia, SC, 21 April 2017.
70. **Hébert JR.** The Power of Diet to Control Chronic Systemic Inflammation. St. John Baptist Church, Columbia, SC, 21 October 2017.
71. **Hébert JR.** Inflammation and Your Heart Health: The Power of Diet to Control Chronic Systemic Inflammation and Reduce Heart Disease. Palmetto Women at Heart. Columbia, SC 24 February 2018.
72. **Hébert JR.** The Dietary Inflammatory Index DII<sup>®</sup> Story. Department of Nutrition, University of Michigan, Ann Arbor, MI 6 March 2018.
73. **Hébert JR** and **Houston JF.** The Dietary Inflammatory Index DII<sup>®</sup> Story: *The Curse of Chronic, Systemic Inflammation.* Savannah River Site, Aiken, SC 19 September 2018.
74. **Hébert JR.** Diet-Associated Inflammation and Stress: Implications for Reducing Cancer-related Health Disparities. The James Cancer Center, University of Ohio, Columbus, OH 17 October 2018.
75. **Hébert JR.** The Role of Inflammation in Health – and How We Can Regulate Inflammatory Responses with Lifestyle Choices. American University of Beirut, Faculty of Agriculture and Food Science, Beirut, Lebanon, 16 April 2019.
76. **Hébert JR.** Preventing Cancer – What do we know? What can we do? What are the things we need to think about as we plan the research agenda? American University of Beirut, Faculty of Medicine, Beirut, Lebanon, 17 April 2019.
77. **Hébert JR.** The Dietary Inflammatory Index (DII<sup>®</sup>) Story and Past, Current and Future Use of the DII in Research. American University of Beirut, Faculty of Agriculture and Food Science, Beirut, Lebanon, 18 April 2019.
78. **Hébert JR.** The dietary inflammatory index (DII<sup>®</sup>) as a means and metaphor for describing the effect of diet on inflammation-related outcomes. Trans-NIH Workshop on Imaging Inflammation & its Resolution in Health and Disease. Rockville, MD, 10-11 June 2019.
79. **Hébert JR.** The Development, Validation and Dissemination of the Dietary Inflammatory Index (DII<sup>®</sup>): implications for the Future of Holistic Health and Sustainability. BRICS Council of Exercise and Sport Science 2019 Conference, Cape Town, South Africa, 10 October 2019.
80. **Hébert JR.** Diet Dilemmas II: Hot Topics in Inflammation – Anti-inflammatory Diets. Webinar sponsored by Family and Consumer Sciences / Agricultural Extension Service – University of Florida, North Dakota State University and Virginia Polytechnic Institute and State University, 17 March 2020.
81. **Hébert JR.** The Dietary Inflammatory Index (DII<sup>®</sup>) Story. Johns Hopkins University, Zimbabwe Research Group. Baltimore, MD, USA, London, England, UK & Harare, Zimbabwe, 5 March 2021.
82. **Hébert JR.** Nutrition and Cancer – The Inflammation Connection. University of Arizona, Mel and Enid Zuckerman College of Public Health, Tucson, AZ, 22 September 2021.

83. **Hébert JR.** The Dietary Inflammatory Index (DII®) in the context of The Pathways Study, Kaiser Permanente, Division of Research | Northern California, Oakland, CA, 20 October 2021.
84. **Hébert JR.** The Dietary Inflammatory Index as a Tool in Precision Prevention. Session 1 – Prevention Webinar Series: Precision Public Health, Luxembourg Institute of Health, Luxembourg, 16 November 2021.
85. **Hébert JR.** Nutrition and Inflammation in the Long Arc of History. Michigan State University Department of Food Science and Human Nutrition G. Malcolm Trout Visiting Scholar Program, Michigan State University, East Lansing, MI, 17 November 2021.
86. **Hébert JR.** Nutrition and Health – The Inflammation Connection, Healis Sekhsaria Institute for Public Health, Navi Mumbai, Maharashtra, India, 14 March 2022.
87. **Hébert JR.** Nutrition, Inflammation, and Health, Nestlé, Lausanne, Switzerland, 21 March 2022
88. **Hébert JR.** Nutrition and Cancer – The Inflammation Connection. Centre for Cancer Epidemiology, Advanced Centre for Research Treatment and Education in Cancer, Tata Memorial Centre, Kharghar, Navi Mumbai, Maharashtra, India, 22 April 2022.
89. **Hébert JR.** An Epidemiologist's View of Statistics. Keynote Address at the 3<sup>rd</sup> Cyprus Statistics Day. Limassol, Cyprus, 6 May 2022.
90. **Hébert JR.** The Dietary Inflammatory Index (DII®) Story – Its History and Relevance to Biomedical Research, Public Health Practice, and Clinical Medicine. University of Nicosia Medical School, Centre for Primary Care and Population Health, Nicosia, Cyprus, 17 May 2022.
91. **Hébert JR.** The uniquely important role that diet plays in regulating inflammatory and immune responses throughout history, across all life forms, and in our everyday life. University of Technology, Cyprus International Institute for Environmental and Public Health, Limassol, Cyprus, 19 May 2022
92. **Hébert JR.** Nutrition and Cancer – The Inflammation Connection. University of Nicosia Medical School, Nicosia, Cyprus, 26 May 2022.
93. **Hébert JR.** Examples of Statistical Insights from the Experience of a Nutritional Epidemiologist. Karolinska Institute, Stockholm, Sweden, 1 June 2022.

**B. Some Selected (≈3% of total) Presentations at Scientific Meetings (the vast majority of these have been submitted by students and junior faculty colleagues):**

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 V<sup>th</sup> 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 XI<sup>th</sup> 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 XII<sup>th</sup> 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 33<sup>rd</sup> 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. Adams SA, Mayer-Davis E, Cunningham JE, McKenzie WB, **Hebert JR**. Co-occurrence of diabetes and breast cancer among women by ethnicity. Congressionally Directed Medical Research Programs. Era of Hope Meeting. Philadelphia, PA, USA 8-11 June 2005.
36. 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.
37. 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.



38. †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 135<sup>th</sup> Annual Meeting of the American Public Health Association, Washington, DC, 4-7 November, 2007.
39. \*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.
40. 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 41<sup>st</sup> Annual Meeting of the Society for Epidemiologic Research, Chicago, IL, June 24-27, 2008.
41. **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)? 14<sup>th</sup> World Conference on Tobacco OR Health. Mumbai, Maharashtra, India, 9 March 2009.
42. \*Cavicchia PP, ‡Steck SE, \*Hurley TG, Hussey JR, \*Ma Y, Ockene IS, **Hébert JR**. A new dietary inflammatory index predicts interval changes in high-sensitivity c-reactive protein. Winner of the National Delta Omega Student Poster Competition which included an invitation to present at the 137<sup>th</sup> Annual Meeting of the American Public Health Association, Philadelphia, PA, 9-11 November, 2009.
43. †Wagner SE, ‡Burch JB, Bottai M, \*\*Puett R, Porter D, Pinney S, Vena JE, **Hébert JR**. Uranium Exposures in a Community near a Weapons Production Facility: Relationship with Hypertension and Hematologic Markers. Society for Epidemiology Research, Seattle, WA, 23-26 June 2010.
44. Williams DG, Scott DB, Ureda JR, ‡Brandt HM, Comer K, Drayton RF, Leith K, **Hebert JR**. Cancer Health Disparities: What You Should Know: A Community-Based, Lay Health Model, Cancer Educational Session. NIH/NCI/Center to Reduce Cancer Health Disparities, Summit, N. Bethesda, MD, 13-15 July 2011.
45. **Hebert JR**, †Daguise VG, †Hurley DM, †Wilkerson RC, †Mosley CM, \*\*Adams SA, \*\*Puett R, ‡Burch JB, ‡Steck SE, Bolick-Aldrich SW. Mapping Cancer Mortality-to-Incidence Ratios to Illustrate Racial and Sexual Disparities in a High-Risk Population. NIH/NCI/Center to Reduce Cancer Health Disparities, Summit, N. Bethesda, MD, 13-15 July 2011.
46. Ureda J, ‡Brandt H, Comer K, Khang L, Williams D, Scott D, Leith K, **Hebert JR**. How Do We Ensure This is a Good Program? Ensuring Faithful Program Delivery Among a Trained Group of Faith-based Lay Health Advocates. NIH/NCI/Center to Reduce Cancer Health Disparities, Summit, N. Bethesda, MD, 13-15 July 2011.
47. †Owens OL, †Thomas T, ‡Friedman DB, **Hebert JR**. New Strategies For Prostate Cancer Communications Within African-American Communities: Reducing Information Access Disparities. Joint Conference of the American Association for Cancer Education (AACE), the Cancer Patient Education Network (CPEN), and the European Association for Cancer Education (EACE), Buffalo, NY, 8-10 September 2011.
48. †Thomas T, †Owens S, ‡Friedman DB, Johnson KM, Dawkins DS, Bartelt S, Gansauer L, Bearden JD, **Hebert JR**. African-American men's and women's knowledge, perceptions, and barriers to communicating about prostate cancer: a family-centered qualitative study. Joint Conference of the American Association for Cancer Education (AACE), the Cancer Patient Education Network (CPEN), and the European Association for Cancer Education (EACE), Buffalo, NY, 8-10 September 2011.
49. ‡Wigfall LT, ‡Brandt HM, Duffus WA, Bond SM, \*\*Puett R, Kirby H, Glover SH, **Hébert JR**. Pap testing among newly diagnosed women living with HIV/AIDS (WLWHA) in South Carolina (SC): routine screening and abnormal follow-up behaviors of HIV-positive female SC Medicaid recipients 18-64 years between 2005-2009. 13<sup>th</sup> International Conference on Malignancies in AIDS and Other Acquired Immunodeficiencies. Bethesda, MD, 7-8 November 2011.

50. <sup>‡</sup>Wigfall LT, <sup>‡</sup>Brandt HM, Duffus WA, Bond SM, <sup>\*\*‡</sup>Puett R, Kirby H, Glover SH, **Hébert JR**. HPV and Cervical Cancer Prevention and Control Among Financial Disadvantaged Women Living with HIV/AIDS in South Carolina. 2<sup>nd</sup> International Conference Workshop and HIV & Women from Adolescence through Menopause. Bethesda, MD, 9-10 January 2012.
51. Kugler KA, Freedman DA, Butler PE, Friedman DB, **Hebert JR**. Farmers' markets: Promoting health by connecting community members in underserved environments. *Ann Behav Med*. Vol 43:2012:S13-S13.
52. **Hébert JR**, Wirth MD, <sup>†</sup>Harmon B, Shivappa N, Hurley TG, Davis, L, Armstead CA, Murphy EA. A **church**-based diet, physical activity, and stress intervention results in lower waist to hip ratios and reduced chronic inflammation in African-American males. Ninth American Association for Cancer Research Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Ft. Lauderdale, FL, 26 September 2016.
53. **Hébert JR**, Turner A, Payne J, Shoaibi A. Screening via multiple PSA measures to detect virulent prostate cancer could provide a way to address fundamental issues in African-American men's health. Ninth American Association for Cancer Research Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Ft. Lauderdale, FL, 27 September 2016.
54. <sup>†‡</sup> Wirth MD, Liu J, Wilcox S, Wallace MK, McLain AC, Turner-McGrievy GM, Davis JE, Ryan N, **Hébert JR**. Association between the Dietary Inflammatory Index and Sleep During Pregnancy. American College of Epidemiology, Annual Meeting, Virtual, 8-10 September 2021.
55. San Diego ERN, Ward KD, VHarmon BE, Berlin KS, Jiang Y, <sup>†‡</sup> Wirth MD, <sup>\*\*‡</sup> Hurley TG, Armstead CA, **Hébert JR**, Fatalism, social support, self-management behaviors and clinical outcomes in African-American adults with Type 2 Diabetes. Poster presentation at the 2022 Society of Behavioral Medicine Annual Meeting, Baltimore, MD, 6-9 April 2022.

**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.
7. **WTGH, 620 AM Radio**. Gary Pozsik's Health, Wealth, and Happiness: On the new K05 Award to increase mentoring to reduce cancer-related health disparities. 2 October 2009.

## TEACHING/ MENTORING EXPERIENCE

On 1 October 2009 I was awarded a coveted K05 grant (1K05CA136975-01A1: Expanding Mentoring Capacity in High-Risk Populations) by the National Cancer Institute. This is one of about 25 in the nation and is the only one at an institution without an NCI-designated cancer center. This grant allows me to mentor a wide variety of junior faculty, postdoctoral fellows and other trainees.

### I. 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. In November 2009 Dr. Matthews moved to the National Cancer Institute, where he currently works in the Intramural Program on physical activity and cancer.
- 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 and promoted to Associate Professor in 2010. He has served on the dissertation committee of two USC doctoral students, Fred Tabung and Nitin Shivappa.

### **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 Associate Professor 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. Dr. Gordon Saxe, a Preventive Medicine Resident, who also has a Ph.D. in Epidemiology (and therefore was not in the MPH program), worked 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 -- including Official Collaborations at Other Universities (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. However, three years after joining USC as the Chair of Department of Epidemiology and Biostatistics I stepped down in the fall of 2002 to devote myself to my very active research program. Exactly one year later, in the fall of 2003, I founded the Cancer Prevention and Control Program. Despite my administrative responsibilities, I have been very actively involved in teaching in the masters and doctoral programs. Until the spring of 2010 I was the instructor of record for three courses: Cancer Epidemiology (EPID 746), Nutritional Epidemiology (EPID 763), and Advanced Epidemiologic Methods (EPID 801) (see descriptions, below). With my newly funded **Established Investigator Award in Cancer Prevention and Control** from the Cancer Training Branch of the National Cancer Institute (K05 CA136975), Expanding Mentoring Capacity in High-Risk Populations, my courses will be turned over to junior faculty protégés including Drs. Swann Adams (EPID 801) and Susan Steck (EPID 746 & 763). The non-formal teaching responsibilities will continue to represent a very important part of my activities, expanding under the K01. I continue to expend even more 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.

Under the terms of my **Established Investigator Award in Cancer Prevention and Control** I will begin a Postdoctoral / Resident/ Fellow Training Program before 2014. As part of this program I have identified two physicians who have joined the program from their base in other parts of the USC/MUSC system.

- Virginia (Pate) Henderson, M.D. is a recent graduate of the University of South Carolina School of Medicine. When we began working together she was enrolled as a Preventive Medicine Resident and MPH student. Virginia focused on the role of psychosocial factors in breast cancer. She has published two highly cited papers (see #230 and 242 in **A. Peer-Reviewed Feature-Length Articles** section)
- Tisha Felder, Ph.D. graduated in May 2010 from her doctoral program in Behavioral Sciences at the University of Texas School of Public Health. Also in 2010 she began a postdoctoral fellowship in coordination with the USC College of Pharmacy. Tisha, who is in a tenure-track faculty position in the College of Nursing and recipient of a K01 grant from the National Cancer Institute, is the lead author on to papers focusing on training and mentoring of disparities researchers using the data that she spearheaded based on the Community Networks Program Centers (see # 239 and 329 in **A. Peer-Reviewed Feature-Length Articles** section).

- Gowtham Adamane Rao, MBBS, MPH began his Preventive Medicine residency prior to finalizing his Ph.D. in order to provide a seamless transition from his doctoral work (see description below). Gowtham continued to pursue his interests in cancer epidemiology using the Veterans Administration database. He also is materially involved in the work that we have been doing on serial PSA testing to detect aggressive prostate cancer. He currently is Chief Informatics Officer for Blue Cross/ Blue Shield of South Carolina.

**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. Currently, he is Associate Professor.
- 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-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. We have published two papers from her dissertation (see #135 and 149 in **A. Peer-Reviewed Feature-Length Articles** section) and we have published a total of 27 up to now. 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 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. We have published two papers from her dissertation (see #141 and 203 in **A. Peer-Reviewed Feature-Length Articles** section). She began a postdoctoral fellowship at Harvard University / Channing Laboratory in August 2004. On 1 December 2007 she joined the USC faculty as an Assistant Professor in the Departments of Environmental Health Sciences and Epidemiology and Biostatistics and the Cancer Prevention and Control Program. In 2012 she moved to the University of Maryland.
- Duvel William White, a career US Army officer (Colonel) 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 have published two papers that came out of this work (see #193 and #222 in **A. Peer-Reviewed Feature-Length Articles** section).
- 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 (see #139, 163, and 189 in **A. Peer-Reviewed Feature-Length Articles** section). 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. In the fall of 2011 she moved to Roswell Park Cancer Center and the University of Buffalo. In spring of 2014 she was awarded a K01 grant from the National Cancer Institute.

- Mary Modayil’s dissertation was based 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 19<sup>th</sup> February 2007. Three papers from this work are in various stages of preparation. Dr. Modayil currently works in the Division of Tobacco Control for the state of California’s Department of Health.
- 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 was a Yerby Postdoctoral Fellow in the Harvard School of Public Health from 2006-9 and is currently an Assistant Professor at Washington University / Siteman Cancer Center. We have published two papers together and have three in preparation. Bettina is working on the CNP special issue of cancer, under her faculty mentor and former co-student of mine at Harvard and currently my NCI-funded Community Networks Program counterpart at Washington University, Dr. Graham Colditz.
- 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. In the spring of 2009 he won the National Delta Omega Student Poster Competition for his thesis work, “A new dietary inflammatory index predicts interval changes in high-sensitivity c-reactive protein” which included an invitation to present at the 137<sup>th</sup> Annual Meeting of the American Public Health Association, Philadelphia, PA, 9-11 November, 2009. He successfully defended his doctoral dissertation, which focused on inflammation and inflammation-related disease endpoints including gestational diabetes and colon cancer, on 4 April 2011. He has published one paper from his dissertation. We have published two papers from his dissertation (see #248 and #279 in **A. Peer-Reviewed Feature-Length Articles** section). He is currently a senior epidemiologist for the State of Florida Department of Public Health.
- Gowtham Adamane Rao, MBBS, MPH focused his dissertation work on cancer in VA Medical Center (VAMC) patients with Diabetes Mellitus (DM) and chronic hepatitis C (CHC) using structural equation modeling (MSM) to derive causal inference. The VAMC national administrative database is the only national database that contains longitudinal repeated measures of laboratory values necessary to test this hypothesis among Veterans with both DM and CHC. He successfully defended his dissertation, “Relationship between Angiotensin receptor blockers and cancer: A nested retrospective longitudinal cohort study,” which focused on prostate, colorectal, and hepatocellular cancers, on 9 November 2011. He has published two of his papers (see #261 and 263 in **A. Peer-Reviewed Feature-Length Articles** section) and others are in progress.
- Nitin Shivappa, MBBS, MPH, Ph.D., came to the University of South Carolina with a strong interest in menthol cigarette exposure and cancer risk. Currently, we are focusing on both mentholated cigarettes and bidis in the process of carcinogenesis and on dietary sources of inflammation. Nitin worked at the CPCP under my supervision from June 2010 to August 2014. During this period Nitin and I have worked most intensively on redesigning the DII, validating it (see #270 and 272 in **A. Peer-Reviewed Feature-Length Articles** section) and now are using it in  $\approx$ 100 studies from around the world. Originally, Nitin joined the program to work with me on esophageal cancer and mentholated cigarettes, a topic on which I wrote the first papers over 25 years ago. We have continued our work on mentholated cigarettes and esophageal cancer and epidemiologic patterns of

esophageal squamous cell cancer occurrence in the U.S. with Dr. Geoffrey Kabat (see #240 in **A. Peer-Reviewed Feature-Length Articles** section) Dr. Shivappa was granted his Ph.D. in Epidemiology in August 2014 and became a postdoctoral fellow and P.I. on a new SBIR grant to license the patent and commercialize the dietary inflammatory index from the NIDDK. Although he continues as an adjunct faculty member in the Department of Epidemiology and Biostatistics at UofSC, he started a new position as Head of Epidemiology for AstraZeneca in 2021

- Azza Shoaibi, BPharm, MPH, a masters-trained health economist who matriculated into our Epidemiology Ph.D. program in 2011, is a Palestinian national and Fulbright Scholar. Azza focused her dissertation on developing a method to distinguish virulent PrCA from all other conditions. As such she trained her expertise on a huge problem in the field of cancer generally. One of the impediments in the current debate over PrCA screening guidelines is the absence of data on African-American (AA) and younger men (AAs tend to be diagnosed with more aggressive disease at younger ages). To do conduct her dissertation research, Azza obtained data from two different data to predict high-risk (i.e., histopathologically virulent) PrCA. PSA growth curves of men participating in the Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening trial and confirmed never to have had medically detected PrCA were compared with those of men with no known prostate condition, benign prostatic hypertrophy (BPH), and non-significant PrCA. The predictive models that she created, with an applied to the VINCI data (with > 5 million veterans including younger and AA men). Her results, which were forthcoming just before she defended her dissertation on 8 December 2014, indicated extremely high sensitivity and specificity in the PLCO data and moderately high sensitivity and specificity in the VA data.
- Shraddha Vyas, MSPH, is a homeopathic physician from Mumbai, Maharashtra, India. She has been involved in several of our on-going studies including the NCMHD-funded Diet & Activity Community Trial: High-Risk Inflammation and our NCI-funded Regional GMaP/BMaP pilot project. She focused her dissertation on the relationship between diabetes and cancers of various sites in a US cohort based in the Prostate Lung Colorectal Ovarian Cancer (PLCO) screening trial and a metabolically obese population at very high risk of type II diabetes in Maharashtra, India. She successfully defended her dissertation “Association between Diabetes and Cancer in Indian and US populations” on 3 April 2017.
- Peter Georgantopoulos, MPH, was a Ph.D. student in our doctoral program in Epidemiology who defended his dissertation, which focused on geographical determinants of prostate cancer, in December of 2018. For his first two years after matriculating into our doctoral program he worked with us in the CPCP. Currently, he is affiliated with the VAMC and, in that context, he works closely with former doctoral student Dr. Gowtham Rao, and Azza Shoaibi (see above). This provided a really nice mentoring/work group representing a combination of people with different skill sets and levels of expertise. Peter’s dissertation will use spatial regression modeling techniques to describe PrCA incidence in the VA.
- Daria McMahan, MD, MSPH, who practiced pediatric ophthalmology in St. Petersburg, Russia for 7 years, graduated from our Ph.D. program in 2018. She enrolled into our doctoral program after graduating from our MSPH Epidemiology program. Daria’s dissertation focused on relationships between genetic variants in one-carbon pathway genes, folic acid intakes, inflammation, and various cancers, including prostate. Daria also is involved in our new South Carolina Medical Endoscopy Center-based pilot study designed to examine epigenetic factors and mi-RNA in subjects with adenomatous polyps in colonoscopy screening.
- Christian Alvarado, MPH, who matriculated in 2016 has finished his third year in our doctoral program. His dissertation, which he will prepare and defend during spring 2020, will focus on the relationship between diet-related inflammation, as estimated by the Dietary Inflammatory Index (DII<sup>®</sup>), and a range of outcomes in the among childhood cancer survivors from the St. Jude Lifetime Study (SJLIFE). Christian is now an Assistant Professor at University of Texas, Tyler.

**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.
- Mangesh Pednekar works closely with Prakash C. Gupta, and is Associate Director of Healis Sekhsaria Institute for Public Health in Mumbai, Maharashtra India. Mangesh matriculated into the doctoral program in epidemiology at the University of Tampere in Finland in 2006 and successfully defended his dissertation, “The Impact of Tobacco Use and/or Body Composition on Adult Mortality in Urban Developing Population: Results from the Mumbai Cohort Study, Mumbai, India, 1991-2003,” in Finland at the Tampere Schools of Medicine and Public Health on 5 September 2008. This body of work consists of a total of five published papers (all listed above, in **A. Peer-Reviewed Feature-Length Articles**) on various aspects of cancer and tobacco exposure in India.
- Sara Elizabeth Wagner, MSPH. Dissertation: “The Geographical Determinants Contributing to the Racial Disparity of Prostate Cancer in South Carolina;” she successfully defended her dissertation, Environmental Uranium and Chronic Health Outcomes, on 22 June 2009. Sara and I continue to publish together. She is currently an Assistant Professor in the College of Public Health, University of Georgia.
- Anna E. Arthur, MPH, RD, Ph.D. graduated with a Ph.D in Nutritional Epidemiology, from the University of Michigan, Ann Arbor, MI (in July 2013). Her dissertation topic was Dietary factors, micronutrient intake and HPV status in head and neck cancer. She is now a postdoctoral fellow at the University of Alabama at Birmingham.
- 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.
- Michael Wirth matriculated into our masters program in 2007 and graduated from our Ph.D. program in 2012, with a dissertation focus on cancer and circadian factors. After completing a postdoctoral fellowship in the Cancer Prevention and Control Program and the Department of Epidemiology and Biostatistics he joined our faculty in the summer of 2014. Currently, he is co-PI of CHI’s R44 grant to commercialize the Dietary Inflammatory Index (DII) for clinical use.
- Brook E. Harmon matriculated into the doctoral program in Health, Promotion Education, and Behavior in August of 2009. Before that, she had worked in the Cancer Prevention and Control Program, first as a dietetic intern / master’s student, then as director of the CPCP Dietary Intervention, Columbia’s Cooking! Her dissertation, entitled “Pastoral Experience and Church Environment Evaluation” and based on our NIMHD-funded study on diet, physical activity, and chronic inflammation,” was completed in the spring of 2012. After completing a postdoctoral fellowship at the University of Hawaii, she joined the faculty of the University of Memphis in August 2014 and now is an Associate Professor at Appalachian State University.
- Fred Tabung matriculated into the doctoral program in Epidemiology in 2011. He received his medical training in Cameroon and an MSPH in epidemiology from the Department of Epidemiology and Biostatistics in 2007. His doctoral work focused on inflammation and hormone-sensitive cancers. He was granted his Ph.D. in August 2014 and began a Yerby postdoctoral fellowship at the Harvard School of Public Health, Department of Nutrition in August of 2014.
- Oluwole A. (Wole) Babatunde graduated from our Ph.D. program in 2019 after joining in 2014. His dissertation, Identifying predictors of racial disparity in treatment and mortality among patients diagnosed with breast cancer in South Carolina has produced three manuscripts and has published a number of other papers utilizing the mortality to incidence ratio to dig deep into the underlying causes of cancer -related health disparities. Wally is currently Minority Scholar in Cancer Research at the Medical University of South Carolina, a position that he began after being awarded his PhD beginning 2019.
- Kelli Bubo is a doctoral student in the Department of health education promotion and behavior.

Her dissertation topic focuses on inflammatory bowel disease (IBD). Given my expertise in colorectal cancer (CRC), CRC precursor conditions, diet, and inflammation, I was asked to serve as a committee member. Part of her project will entail looking at the association between DII scores and IBD outcomes.

- Josh Mercatel is a doctoral candidate in the Department of Epidemiology and Biostatistics. His interests focus on the sympathetic nervous system and cancer-related outcomes. The current plan is that his dissertation would focus on heart rate variability and the presence of adenomatous polyps of the colon.

Masters Students (primary involvement only):

- Many students work in my group and are advised by junior faculty with whom they work most closely; I often function as a committee member.
- 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-Joséphine 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 defended in the spring of 2007.
- Jennifer Davis, MSPH, defended her thesis on “Racial Disparities in Pediatric Cancers in South Carolina” in early summer 2007.
- Jaelyn Guess, MSPH, joined the CPCP and our masters program in August 2006. Her interests are in the area of cancer disparities in SC. She defended in summer 2008).

**Courses taught (please note that the courses I developed are in bold font):**

- Doctoral Seminar (EPID 845) - Spring 2000, 2001, 2003, & 2005
- Masters Seminar (EPID 745) - Fall 2000
- **Nutritional Epidemiology (EPID 763)** – I developed this course when I first arrived at UofSC in 2000. I then taught it in Fall 2001, 2003, 2005, 2007 & 2009; This was formally approved as a new course in 2002. It has garnered very high ratings since its inception. It is now (>2010) being taught by Dr. Susan Steck.
- **Advanced Epidemiologic Methods (EPID 801)** - I completely revamped this course in 2000-1 and taught it in Spring 2002, 2004, 2006, 2008; Students write and review NIH-style (R01) grant applications as part of the course; many go on to submit applications which are successfully funded. It is now (>2010) being taught by Dr. Swann Adams. I frequently guest lecturer in this course
- **Cancer Epidemiology (EPID 746)** - Although this course was officially on the books, I completely revamped it in 2000-1. I then taught it in 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 had 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. Since this change it has, once again, received very high ratings. It is now (>2010) being taught by Dr. Susan Steck. Again, I often provide guest lectures in this course as well
- **Advanced Nutritional Epidemiology (EPID 877)** – Spring 2018; This was approved as a new course in 2017. I have now taught it in 2018 and 2020. It has garnered very high ratings since its inception
- **Nutritional Epidemiology for South Carolina Honors College undergraduates (SCHC 476)** was approved as a new course in 2019, I taught it for the first time in fall 2019 and have taught it in 2020 and 2021.

**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 data with high likelihood of being published. I work very closely with these individuals in terms of career planning and related activities, especially preparing grant applications, presentations, and manuscripts for publication. I also provide professional advice, counsel, recommendations and referral.

**Table 1. Faculty and Student Protégés who are or were in the Cancer Prevention and Control Program or UMass Preventive and Behavioral Medicine Mentored Since 1997 (with at least one co-authored paper)\***

<b>Name of Protégé</b>	<b>Institution, Field, Degree, Date</b>	<b>Current Academic Department / Effective Date</b>	<b>Joint Publications<sup>†</sup></b>
Swann A. Adams <sup>‡</sup>	University of South Carolina Arnold School of Public Health, Epidemiology, Ph.D., 2004	Department of Epidemiology & Biostatistics/ Assistant Professor / May 2004/ Associate Professor 2013	60
Cheryl A. Armstead	University of Tennessee Knoxville, Ph.D., 1991; Duke University Medical Center, 1994	Department of Psychology/ Associate Professor/ September 2006 <sup>¶</sup>	15
Oluwole A. Babatunde	University of South Carolina Arnold School of Public Health, Epidemiology, Ph.D., 2019	Minority Scholar in Cancer Research at the Medical University of South Carolina, beginning in 2019	9
Heather M. Brandt <sup>‡</sup>	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/ Associate Professor 2013	30
James B. Burch	Colorado State University, Environmental Health; Epidemiology, Ph.D., 1997	Department of Epidemiology & Biostatistics/ Assistant Professor/ August 2005 Associate Professor 2011	29
Philip Cavicchia <sup>‡</sup>	University of South Carolina, ASPH, Epidemiology, Ph.D., 2011	Florida State Department of Public Health, Epidemiologist	11
Bettina F. Drake <sup>‡</sup>	University of South Carolina, ASPH, Epidemiology, Ph.D., 2011	Washington University, Department of Surgery and Excitement Cancer Center, Associate Professor 2012	5
Tisha M. Felder	University of Texas School of Public Health, Behavioral Sciences, Epidemiology & Health Policy, 2010	University of South Carolina, College of Nursing, Assistant Professor, 2013	14
Jay H. Fowke <sup>‡</sup>	University of Massachusetts, School of Public Health, Epidemiology, Ph.D., 1999	Vanderbilt University, Department of Epidemiology, Cancer Control, Associate Professor, 2009	8
Darcy Freedman	Vanderbilt University, Human and Organizational	Case Western Reserve University, School of Public	12

	Development, Ph.D., 2008	Health, Department of Epidemiology, Associate Professor, 2014	
Daniela B. Friedman	University of Waterloo (Canada), Health Studies and Gerontology, 2006	Department of Health Promotion Education and Behavior/ Assistant Professor August 2006; Associate Professor 2011	41
Peter Georgantopolos <sup>‡</sup>	University of South Carolina, ASPH, Epidemiology, Ph.D., 2018	Adjunct Faculty to the Veterans Administration Medical System	2
Zhihong Gong <sup>‡</sup>	University of South Carolina, ASPH, Epidemiology, Ph.D., 2005	Roswell Park Cancer Institute, SUNY Buffalo, Assistant Professor 2014	5
Brook E. Harmon <sup>‡§</sup>	University of South Carolina, ASPH, Health Promotion education & Behavior, Ph.D., 2012	University of Memphis, , Assistant Professor 2014	18
Thomas G. Hurley <sup>§</sup>	University of Massachusetts, School of Public Health, Epidemiology, MS, 1997	USC, CPCP, Research Associate, Managing Director, Dietary Assessment Unit/ December 1999	102
Yunsheng Ma <sup>§</sup>	University of Massachusetts, School of Public Health, Epidemiology, M.Sc., 1997; Ph.D., 2002	University of Massachusetts Medical School, Associate Professor, 2010	52
Charles E. Matthews <sup>‡</sup>	University of Massachusetts, School of Public Health, Epidemiology, Ph.D., 1999	National Cancer Institute, DCCPS, 2009	24
Robin Puett <sup>‡</sup>	USC, ASPH, Epidemiology Environmental Health Sciences, Ph.D. 2004/ Harvard Postdoc, 2004-7	Maryland Institute of Applied Environmental Health University of Maryland School of Public Health, Associate Professor- 2010	5
Gowtham Rao <sup>‡</sup>	UofSC, ASPH, Epidemiology, Ph.D. 2011, Preventive Medicine Residency, USC School of Medicine, 2013	Chief of Medical Informatics, Blue Cross Blue Shield of South Carolina - 2013	6
Sara (Wagner) Robb <sup>‡</sup>	UofSC, ASPH, Epidemiology, Ph.D., 2009	College of Public Health, University of Georgia, Assistant Professor, 2010.	10
Nitin Shivappa <sup>‡</sup>	UofSC, ASPH, Epidemiology, Ph.D., 2014	University of South Carolina, ASPH, Department of Epidemiology & Biostatistics/ Assistant Professor - 2014	400
Azza Shoaibi <sup>‡</sup>	UofSC, ASPH, Epidemiology, Ph.D., 2015	Department of Epidemiology & Biostatistics/ Post-Doctoral Fellow - 2015	5
Susan E. Steck	University of North Carolina, Chapel Hill, Ph.D., 1999; NCI Cancer Epidemiology Postdoc, 2001	Department of Epidemiology & Biostatistics/ Assistant Professor / November 2005 Associate Professor 2011/	67

		Professor 2018	
Shraddha Vyas <sup>†</sup>	UofSC, ASPH, Epidemiology, Ph.D., 2017	Moffitt Cancer Center, Tampa Bay, FL, Staff Scientist, May 2018	2
Duvel William White <sup>‡</sup>	University of South Carolina, ASPH, Epidemiology, Ph.D., 2004	Uniformed Services University of the Health Sciences at Bethesda, MD, Associate Professor, June 2004.	2
Lisa Wigfall <sup>‡</sup>	University of South Carolina, ASPH, Health Services Policy and Management, Ph.D., 2009	USC Postdoc, 2009-10 Research Assistant Prof., 2011-now Texas A&M University, 2016.	7
Michael D. Wirth <sup>‡§</sup>	UofSC, ASPH, Epidemiology, 2012	Department of Epidemiology & Biostatistics/ Assistant Professor / May 2014	100
Sudha Xirasagar <sup>‡</sup>	UofSC, ASPH, Health Administration, Ph.D., 2002	Department of Health Services, Policy and Management/ Associate Professor 2010	9

\* Includes students, postdoctoral fellows, and faculty who have been in the CPCP (updated 9 April 2022, through ref #747 in main list)

† Includes only full-length peer-reviewed publicly available publications (currently in print, published on line ahead of hardcopy publication, or as an on-line publication only)

‡ Former Doctoral Student

§ Former Masters Student

<sup>¶</sup> 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)