

CURRICULUM VITAE

NAME: **Clareann Hess Bunker**

CITIZENSHIP: U.S.A.

BUSINESS ADDRESS: University of Pittsburgh  
Department of Epidemiology  
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EDUCATION AND TRAININGUndergraduate

1957 – 1961	Wellesley College Wellesley, MA	AB, 1961	Zoology
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Graduate

1979 – 1980	School of Hygiene and Public Health Johns Hopkins University Baltimore, MD	MPH, 1980	Epidemiology
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1981 – 1984	Graduate School of Public Health University of Pittsburgh Pittsburgh, PA 15261	PhD, 1984	Epidemiology
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Post-Graduate

1984 – 1985	University of Pittsburgh Pittsburgh, PA 15261	Post-Doctoral Fellowship	Cardiovascular Disease Epidemiology (Lewis H. Kuller, MD)
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APPOINTMENTS AND POSITIONSAcademic

1974 – 1981	Johns Hopkins University School of Medicine and The Jackson Laboratory (Joint Sponsors) Bar Harbor, Me 04609	Faculty Member Short Course in Medical Genetics
1981 – 1982	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA 15261	Graduate Student Assistant
1982 – 1983	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA 15261	Teaching Fellow
1985 – 1987	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA 15261	Instructor
1985 – 1993	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA 15261	Director, Ion Transport Laboratory
1987 – 2003	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA 15261	Assistant Professor

2003 – Present	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA 15261	Associate Professor
2004 - Present	Office of Clinical Research, University of Pittsburgh, Pittsburgh, PA 15261	Consultant Epidemiologist
2007 - Present	University of Pittsburgh Clinical and Translational Science Institute, Pittsburgh, PA 15261	Adjunct Appointment, Associate Professor

**Non –Academic**

1961 – 1969	The Jackson Laboratory, Bar Harbor, ME 04609	Professional Research Assistant
1974 – 1981	Center for Human Genetics, Bar Harbor, ME 04609	Executive Director

**CERTIFICATION AND LICENSURE**

**Specialty Certification**

<b>Year</b>	<b>Name of Certificate</b>	<b>Certifying Board</b>
None		

**Medical or Other Professional Licensure**

<b>Type of License</b>	<b>Licensing Board</b>	<b>State</b>
None		

**MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

<b>Years Inclusive</b>	<b>Name of Society</b>
1974 – 1989	American Society of Human Genetics
1975 – 1982	Maine Association for Human Genetics
1977 – 1981	American Public Health Association
1978 – 1986	National Society of Genetic Counselors
1980 – 2013	Society for Epidemiological Research
1985 – 2013	American Heart Association
1987 – 1992	American Diabetes Association
1987 – ~2005	International Society of Hypertension in Blacks
2004 – 2013	American Association for Cancer Research
2004 – ~2007	American Society for Bone and Mineral Research
2004 – ~2007	American Society of Human Genetics
2007 – Present	Afro-Caribbean Cancer Consortium

**HONORS**

<b>Year</b>	<b>Title of Award</b>	<b>Awarding Association</b>
1980	Delta Omega, Alpha Chapter, National Honorary Public Health Society	Johns Hopkins School of Hygiene of Public Health, Baltimore, MD

1984	University Scholar	University of Pittsburgh
1985 – 1988	First Award	NIH
2010	Distinguished Alumni Award	Graduate School of Public Health, University of Pittsburgh
2013	Special Commendation for Excellent Research	Caribbean Public Health Agency

**PROFESSIONAL ACTIVITIES**

**1. Teaching**

**a. Courses Taught**

<b>Years Taught</b>	<b>Course Number: Title</b>	<b>Hours of Lecture, credits Average Enrollment</b>	<b>Primary Instructor?</b>
1986 – 1988	EPID 221: Cardiovascular and Diabetes Epidemiology	1 hour/week, 1 credit 10 students	Yes, 80%
1987 – 1989	EPID 218: Epidemiology Methods 1	2 hours/week, 2 credits 20 students	No, 40%
1987 – 1989	EPID 223: Epidemiology Methods 2	2 hours/week, 2 credits 20 students	No, 40%
1987 – 1988	EPID 221: Genetic Epidemiology Seminar	1 hour/week, 1 credit 25 students	Co-Primary, 40%
1988 – 1990	EPID 221: Cardiovascular Epidemiology Trainee Seminar	1 hour/week, 1 credit 10 students	Yes, 80%
1990 – 1993	EPID 2211: Aging and Cardiovascular Epidemiology Seminar	1 hour/week, 1 credit 12 students	Co-Primary, 50%
1988 – 2003	EPID 2600: Introduction to Molecular Epidemiology	3 hours/week, 3 credits 26 students	Co-Primary, 40%
2004 - 2007	EPID 2271: Advanced Topics in Cancer Epidemiology (Nutritional Etiol)	2 hours/week, 2 credits 8 students	Co-Primary 40%
2005 - 2007	EPID 2272: Advanced Topics in Cancer Epidemiology (Hormonal Etiol.)	2 hours/week, 2 credits 5 students	Co-Primary 40%

**b. Other Teaching**

<b>Date(s)</b>	<b>Type of Teaching</b>	<b>Title</b>
1986 – 1988	Public Health Career Opportunity Program, Summer Program	Instructor, Epidemiology Methods
1997	Preliminary Examination Committee, Department of Health Services Administration	Examiner (Oral)
1995 – Present	Preliminary Examination Committee, Chronic Disease Concentration, Department of Epidemiology	Exam Preparer, Grader (Written)

**c. Graduate Student Essays, Theses, and Dissertations**

<b>Name of Student</b>	<b>Degree Awarded, Year</b>	<b>Type of Document and Title</b>	<b>Notes</b>
Lan Lan L. Yeh	PhD, 1992	Dissertation: The Relationship of Serum Fatty Acid Distributions to the Risk of Coronary Heart Disease and Dietary Intake	Epidemiologist, Pennsylvania Dept of Health, Harrisburg
Sara L. Huston	PhD, 1993	Dissertation: Factors Associated with Electrocardiographic Left Ventricular Mass Index and Left Ventricular Hypertrophy in Nigerian Civil Servants.	Chronic Disease Epidemiologist, Maine Center for Disease Control & Prevention; Assistant Research Professor, University of Southern Maine
Nina Markovic	PhD, 1994	Dissertation: Socio-Economic Status, Status Inconsistency, Status Discrepancy, Lifestyle Incongruity and John Henryism: Associations with Blood Pressure in a Nigerian Civil Servant Population.	Assistant Professor, School of Dental Medicine; Assistant Professor, Women's Health Program, Department of Epidemiology, University of Pittsburgh
Kimberly Y-Z Forrest	PhD, 1995	Dissertation: Driving Patterns and Risk Factors for Driving Cessation in Elderly Women.	Professor, Department of Public Health and Social Work, Slippery Rock University, Slippery Rock, PA
Michelle P. Clayton	MPH, 1996	Thesis: Whole Blood Platelet Aggregometry: Evaluation of the Impedance Methods.	Associate Professor of Pediatrics, Eastern Virginia Medical School, Norfolk VA
Theresa Theobald	MPH, 1996	Thesis: Black-White differences in hip geometry	
Kathleen P. McHugh	MPH, 1999	Thesis: Little Association Observed Between Apolipoprotein CII, D, H and J Phenotypes and Quantitative Lipid Levels in Northern Nigerian Population.	Homemaker, Pittsburgh
Flora A.M. Ukoli	MPH, 1999	Thesis: Body Fat Distribution and Other Anthropometric and Blood Pressure Correlations in a Nigerian Urban Elderly Population.	Professor, Meharry Medical College, Nashville, TN
Lynda L. Lee	MPH, 2000	Thesis: Descriptive Analysis of Risk Factors for Prostate Cancer: Pilot Study	Procurement Specialist, Department of the Navy, Washington, DC

<b>Name of Student</b>	<b>Degree Awarded, Year</b>	<b>Type of Document and Title</b>	<b>Notes</b>
Michael N. Okobia	MPH, 2001	Thesis: Case-Control Study of Risk Factors for Breast Cancer in Nigerian Women: A Pilot Study	Professor, Acting Head of Department of Surgery, College of Medicine, University of Benin, Benin City, Nigeria
Irene M. Gathuru	PhD, 2001	Dissertation: The Role of Socioeconomic and Environmental Factors in the Risk of Obstructive Lung Disease in Urban Nigerian Adults.	Assistant Professor, Dept Pharmacy and Therapeutics, University of Pittsburgh
Hillary A. Keenan	PhD, 2003	Dissertation: Genetic Epidemiology of Type 2 Diabetes Among Asian Indian Males in Central Trinidad	Instructor, Medicine, Harvard Medical School; Biostatistician, Harvard Medical School CTSC
Iva Miljkovic-Gacic	PhD, 2004	Dissertation: Association of Hepatic Lipase and Endothelial Lipase Polymorphisms with Variation in NMR Lipoprotein Subclasses in Caucasian, African-American and African-Caribbean Older Men	Assistant Professor, Department of Epidemiology, University of Pittsburgh
Michael N. Okobia	PhD, 2005	Dissertation: Estrogens, Genetic Polymorphisms and Breast Cancer Risk in Nigerian Women	Professor, Acting Head of Department of Surgery, College of Medicine, University of Benin, Benin City, Nigeria
Ranjana Gupta	MPH, 2005	Thesis: Parental Alcoholism, Childhood Abuse, and the Risk of Adverse Health Outcomes in Adolescents and Young Adults attending an urban STD clinic	
Susan Barnes	MPH, 2007	Thesis: The Association Between Childhood Abuse Exposure and HRQOL in a Sample of Middle-Aged Women	Epidemiologist, Santa Clara County Health Dept., California
Amy Dressen	MPH, 2007	Thesis: Growth Hormone Genes and Prostate Cancer	Research Assistant, University of Oklahoma
Laurien Sibomana	MS, 2009	Thesis: Association Of Schistosomiasis Prevalence With Socio-Demographic Status Measures In Sub-Saharan Africa	Research Assistant, Dept of Epidemiology, University of Pittsburgh
Ye Tian	MPH. 2009	An Economic Model Of Universal Clostridium Difficile Surveillance For Hospital Admissions	PhD, 2013, University of Pittsburgh
Scott Langevin	PhD, 2010	Dissertation: Hypermethylation of MIR-137, HSCC and Clinical Outcomes	Post-Doctoral Fellow, Brown University
Kathleen McHugh-Pemu	PhD, 2000-2010	The Metabolic Syndrome and Cardiometabolic Risk in a Nigerian Civil Servant Population	Homemaker, Pittsburgh

<b>Name of Student</b>	<b>Degree Awarded, Year</b>	<b>Type of Document and Title</b>	<b>Notes</b>
Hu Li	PhD, 2010	Dissertation: The Inter-Related Bio/Genetic Markers of Cardio-Metabolic and Renal Disease	E. I. Lilly, Indianapolis
R Margaret Whelan	PhD, 2008-2011	Studies of Birth Weight and Infant Mortality in India	MD, 2013 University of Pittsburgh; Post-doctoral Fellow, Dept Epidemiology, University of Pittsburgh
Pallavi Jonnalagadda	MPH, 2011	Essay: Review of Estrogen Metabolites and their determinants	Research Specialist, Epidemiology, University of Pittsburgh
Carly Switalski	MPH 2011	Thesis: Novel methods for age estimation in older adults in rural southern India	Pre-doctoral Student, University of Maryland
Heartley Egwuogu	PhD, 2009 - 2013	The Longitudinal Effect of Low Kidney Function on Bone Mineral Density and the Association of Body Fat Distribution of Biomarkers of Kidney Function Among Afro-Caribbean Men of West African Ancestry	Job hunting
Jessica Nan	MPH, 2011-2012	Visual Acuity in Relation to HbA1c and Other Risk Factors in Youth with Type 1 Diabetes in Rwanda	CDC Global Health Fellow, Beijing
Proma Paul	DrPH, 2012-present	<b>Comprehensive Cervical Cancer Prevention and Control: Strategies at Different Stages of the Cancer Continuum</b>	Pre-doctoral Student, Epidemiology, University of Pittsburgh
Roslyn Phillips	DrPH 2012-2013	Not titled yet	Pre-doctoral Student, Epidemiology, University of Pittsburgh
Leah Goeke	PCMS MPH 2013-	Not titled yet	Peace Corps MPH Student, University of Pittsburgh, Zambia June, 2013-August, 2015
<b>Damilola Bamidele-Abegunde</b>	<b>MPH</b>	<b>Not titled yet</b>	<b>MPH Student, University of Pittsburgh</b>
<b>Ashley Vineyard</b>	<b>MPH</b>	<b>Not titled yet</b>	<b>MPH Student, University of Pittsburgh;</b>
<b>Hemant Mahajan</b>	<b>DrPh</b>	<b>Not titled yet</b>	<b>Pre-doctoral Student, Epidemiology, University of Pittsburgh</b>
<b>Ya-Hui Yu</b>	<b>PhD</b>	<b>Not titled yet</b>	<b>Pre-doctoral Student, Epidemiology, University of Pittsburgh</b>

#### d. Service on Masters or Doctoral Committees

<b>Dates served</b>	<b>Name of Student</b>	<b>Degree Awarded</b>	<b>Title of Dissertation/Essay</b>
1988	Suzanne F. Cook	PhD Epidem	Cardiovascular Reactivity in College Males at Risk for Essential Hypertension
1988	Juliann Stevens	MS Hum Genet	One Year Survival of Infants with Down Syndrome
1989	Youn Kyung Shim	PhD Epidem	Trends of Mortality From Liver Cirrhosis and Its Associated Characteristics in Allegheny County, PA 1973-1985
1989	Jacqueline Spaulding	MPH	Diabetic Nephropathy
1989	Florence Chanetsa	MPH Epidem	Differences in Blood Pressure Correlates in Blacks and Whites
1990-91	Beth Ann Coonrod	PhD Epidem	The Natural History, Correlates, and Predictive Value of Microalbuminuria in Individuals with Insulin-Dependent Diabetes Mellitus
1990-92	Lan Lan Yeh	PhD Epidem	The Relationship of Serum Fatty Acid Distributions to the Risk of Coronary Heart Disease and Dietary Intake
1992-93	Sara L. Houston	PhD Epidem	Factors Associated with Electrocardiographic Left Ventricular Mass Index and Left Ventricular Hypertrophy in Nigerian Civil Servants.
1992-94	Nina Markovic	PhD Epidem	Socio-Economic Status, Status Inconsistency, Status Discrepancy, Lifestyle Incongruity and John Henryism: Associations with Blood Pressure in a Nigerian Civil Servant Population.
1994-99	Flora A.M. Ukoli	MPH Epidem	Body Fat Distribution and Other Anthropometric and Blood Pressure Correlations in a Nigerian Urban Elderly Population.
1994-95	Michelle Volansky	MPH Epidem	Nutrient and Blood Pressure Differences Across Race and Family History of Hypertension in a Female College Population.
1994-95	Kimberly Y-Z Forrest	PhD Epidem	Driving Patterns and Risk Factors for Driving Cessation in Elderly Women.
1994-96	Bridget J. McCarthy	PhD Epidem	Molecular Epidemiology of Insulin-Dependent Diabetes Mellitus in Caucasians and African Americans from Allegheny County, PA.

1995-96	Michelle Clayton	MPH Epidem	Whole Blood Platelet Aggregometry: Evaluation of the Impedance Methods.
1995-96	Meagan Harris	MS Hum Genet	The Role of the LDL-Receptor Protein in Lipid Metabolism
1995-96	Jennifer L. Anderson	MS Hum Genet	Relationship of Two Apolipoprotein B Polymorphisms with Plasma Lipoprotein-Lipid Levels in African Blacks.
1995-99	Kathleen McHugh	MPH Epidem	Little Association Observed Between Apolipoprotein CII, D, H and J Phenotypes and Quantitative Lipid Levels in Northern Nigerian Population.
1995-97	Shabnan Ali	MS Hum Genet	Gender Differences in the Association of Two Polymorphisms in the Apolipoprotein(a) gene with Serum Lipoprotein(a) Levels Among African Adults.
1996-98	Pamela Carter-Nolan	PhD Epidem	Factors Associated With Asthma Admissions to Children's Hospital of Pittsburgh, PA
1996-98	James P. Burke	PhD Epidem	Insulin-Dependent Diabetes Mellitus, Autoimmune Thyroid Disease and Adverse Pregnancy Outcome.
1996-97	Erin C. McCanlies	PhD Epidem	The Molecular Epidemiology of Hashimoto's Thyroiditis in Individuals with Insulin-Dependent Diabetes Mellitus and Their Family Members.
1993-98	Flora A.M. Ukoli	MPH Epidem	Body Fat Distribution and Other Anthropometric and Blood Pressure Correlations in a Nigerian Urban Elderly Population.
1996-98 2000	Rana Ezzeddine	PhD	
1998-present	Xaio Yan Wang	PhD Hum Genet	Molecular Genetics Analysis of $\alpha_1$ -Antichymotrypsin in Relation to the Risk of Alzheimer's Disease
1999	Erin Luedecking	MPH Hum Genet	(Qualifying exam)
1999-2010	Kathleen P. McHugh	PhD Epidem	Withdrew.
1997-2001	Irene M. Gathuru	PhD Epidem	The Role of Socioeconomic and Environmental Factors in the Risk of Obstructive Lung Disease in Urban Nigerian Adults.



1990-96	Theresa Theobald	MPH Epidem	Black-White differences in hip geometry
1997-2000	Lynda L. Lee	MPH Epidem	Descriptive Analysis of Risk Factors for Prostate Cancer: Pilot Study.
1998-2000	Shannon Fitzgerald	PhD Epidem	Relationship Between Physical Fitness and Physical Activity and the Development of Type 2 Diabetes Mellitus
2000-2004	Iva Miljkovic-Gacic	PhD Epidem	Association of Hepatic Lipase and Endothelial Lipase Polymorphisms with Variation in NMR Lipoprotein Subclasses in Caucasian, African-American and African-Caribbean Older Men
2000-2001	Michael N. Okobia	MPH Epidem	Case-Control Study of Risk Factors for Breast Cancer in Nigerian Women: A Pilot Study
2001	Priscah Mujuru-Simoyi	DrPH	Environmental Factors, Pre-Existing Asthma and Risk of Myocardial Infarction and Congestive Heart Failure in an Elderly Cohort of Allegheny County Residents
2001- 2002	Qi Chen	PhD Hum Genet	Genetic Factors in Coronary Artery Disease in Women
2002	Yan Kit Tam	MS Hum Genet	Array-Based Gene Expression Profiling to Study the Effect of Thiazolidinediones on Vascular Smooth Muscle Cells
2002	Jean Wesley Dunlap	MS Hum Genet	Is there a Genetic Predisposition to Secondary Lymphedema in Breast Cancer Patients?
2002 – 2003	Hillary Keenan	PhD Epidem	Genetic Epidemiology of Type 2 Diabetes Among Asian Indian Males in Central Trinidad
2002 – 2005	Michael N. Okobia	PhD Epidem	Estrogens, Genetic Polymorphisms and Breast Cancer Risk in Nigerian Women
2002 – 2005	Linda Hoffman	PhD Infect Dis & Microbiol	Sero-Epidemiological Studies on Human Herpes Virus-8
2003	Lizabeth Gerber	MS Hum Genet	A Case-Control Study of CYP1B1 and Prostate Cancer Risk In a Sample of Afro-Caribbean Men
2001 – 2004	Mary Dana Phillips	PhD Epidem	(Left the program)

2002 – 2005	Deanna Hill	PhD Epidem	Ethnic and Gender Differences in the Correlates of BMD
2002	Ayla Ozturk	PhD Hum Genet	(Qualifying exam)
2002	Nada M. Melhem	MPH Epidem	
2004-2005	Dara Berger	PhD Hum Genet	(Qualifying exam)
2004-2005	Laura Tripi	MS Hum Genet	Genetic Variation in the Paraoxonase-1 Gene and Association with Systemic Lupus Erythematosus
2004-2005	Erin Jacobs	MS Hum Genet	Association of Single Nucleotide Polymorphisms in the Promoter of apolipoprotein H with Systemic Lupus Erythematosus
2004 - 2005	Sangita Suresh	PhD Hum Genet	(Qualifying exam)
2004-2005	Jill Montgomery	MS Infect Dis & Microbiol	Detection of Human <i>herpesvirus 8</i> in Human Prostate
2004- 2005	Lee Roman	PhD Hum Genet	(Qualifying exam)
2004 – 2005	Ranjana Gupta	MPH Epid	Parental Alcoholism, Childhood Abuse, and the Risk of Adverse Health Outcomes in Adolescents and Young Adults attending an urban STD clinic
2005	Scott Laney	PhD Epid	Optimization of a serological assay system for establishing infection of Kaposi's sarcoma associated herpesvirus (KSHV) in multiple populations at varying levels of risk
2005	Ryan Dare	MS Infect Dis & Microbiol	Detection of Human Metapneumovirus Infection in Children and Adults by Molecular Based Methods
2005 - 2007	Kristi Storti	PhD Epid	Familial Aggregation of Physical Activity Levels in the Strong Heart Family Study
2006-2007	Amy Dressen	MS Epid	Growth Hormone Genes and Prostate Cancer Risk

2005-2007	Susan Barnes	MPH Epid	The Association Between Childhood Abuse Exposure and HRQOL in a Sample of Middle-aged Women
2006-2008	Yahtyng Sheu	PhD Epid	Determinants of Skeletal Health in Afro-Caribbean Men
2005-2008	Patrick Shea	PhD HuGen	Identification and Functional Characterization of Estrogen Response Elements in the Human Herpesvirus 8 Genome
2004-2008	Alicia McDonald	PhD Epid	The Evaluation of HHV-8 Infection in Tobago
2005-2008	Jill Montgomery	PhD IDM	Characterization of the Role of Human Herpesvirus 8 in Prostate Cancer
2006-2010	Hu Li	PhD Epid	The Inter-Related Bio/Genetic Markers of Cardio-Metabolic and Renal Disease
2007-2009	Genevieve Woodard	PhD Epid	Evaluating Novel Risk Factor Associations for Subclinical Cardiovascular Disease
2007-2010	Tracy Beason	PhD Epid	The Associations Between Genetic Variants, Body Composition, Blood Pressure and Bone Mineral Density (BMD) in Afro-Caribbean Men from Tobago
2007-2009	Laurien Sibomana	MS Epid	Association Of Schistosomiasis Prevalence With Socio-Demographic Status Measures In Sub-Saharan Africa
2008-2009	Ye Tian	MPH Epid	An Economic Model Of Universal Clostridium Difficile Surveillance For Hospital Admissions
2008-2010	Scott Langevin	PhD Epid	Hypermethylation of MIR-137, HSCC and Clinical Outcomes
2008-2011	R Margaret Whelan	PhD Epid	Studies of Birth Weight and Infant Mortality in India
2009-2011	Pallavi Jonnalagadda	MPH Epid	Review of Estrogen Metabolites and their determinants
2010-2011	Carly Switalski	MPH Epid	Novel methods for age estimation in older adults in rural southern India

2009-summer, 2013	Heartley Egwuogu	PhD Epid	The Longitudinal Effect of Low Kidney Function on Bone Mineral Density and the Association of Body Fat Distribution of Biomarkers of Kidney Function Among Afro-Caribbean Men of West African Ancestry
2009-summer, 2013	Wei-Hsuan (Jenny) Lo	PhD Epid	PHARMACOEPIDEMIOLOGIC STUDIES: AN INTERRUPTED-TIME ANALYSIS ON DRUG UTILIZATION AND EVALUATION OF BENEFICIAL OR ADVERSE DRUG EFFECT
2010	Marquis Hawkins	PhD Epid	The Relationship Between Physical Activity and Kidney Function/Chronic Kidney Disease
2010	Dilek Pirim	MS Human Genetics	Lipoprotein lipase gene sequencing and plasma lipid profile
2010	Zaheda Radwan	MS Human Genetics	Effects of Common and Rare Genetic Variants of Apolipoprotein C4 on HDL-C
2010-2011	Emily Bryant	MS Human Genetics	Replication Study of Plasma Lipoprotein Levels-Associated SNPs Identified in Recent Genome-Wide Association Studies (GWAS)
2011- Summer, 2013	Zaheda Radwan	PhD Human Genetics	Comprehensive Evaluation of the Role of Genetic Variation in the Apolipoprotein <i>E-C1-C4-C2</i> Gene Cluster on Plasma Lipoprotein-Lipid Levels
2011	Pryadarshani Dharia	MPH Epid	Aging-Related Body Composition Changes in Afro-Caribbean Men
2010-2013	Sara Marshall	PhD Epid	Youth and Adolescents with Type 1 Diabetes in the Life for a Child Program in Rwanda, Africa
2010-present	Jatinder Singh	PhD Human Genetics	Not titled yet
Fall, 2011	Mindy Mallon	MPH Human Genetics	An Intern's Perspective with the United States Department of Agriculture, Food Safety and Inspection Service, Labeling and Program Delivery Division
Fall, 2011	Hannah Patterson	MPH BCHS	HIV/AIDS in the Slums of Kenya: Intervening Through Effectively Utilizing Volunteers
2011- Summer, 2013	Jamie M Eastman	PhD Epid	Studies of Reproductive Health Among Childbearing Age Women in Rural South India
2011- Fall, 2013	Dilik Pirim	PhD Human Genetics	Variants Discovery in the <i>LPL</i> and <i>CETP</i> Genes and Their Associations With Plasma Lipid and Apolipoprotein Levels

2011-2013	Chelsea Pallatino	MPH BCHS	WOMEN'S PERCEPTION OF HYGIENE AND SANITATION IN RURAL ANDHRA PRADESH INDIA
2011-2012	Jessica Nan	MPH Epid	Visual Acuity in Relation to HbA1c and Other Risk Factors in Youth with Type 1 Diabetes in Rwanda
2011 - present	Mustapha Mustapha	MPH Epid	Urinary symptoms and sexual function in Tobago men following radical prostatectomy
Fall, 2012 – Summer, 2013	Katie Kercher	MS IDM	Characterization of a gp130 Signaling Receptor Polymorphism
Spring, 2012	Vipavee Niemsiri	PhD Human Genetics	(Qualifying exam)
Spring, 2012	Sharon Paul	MPH BCHS	<i>Ethernichel</i> – Swimming against the flow: Understanding the Unique Needs & Concerns of Widowed & Abandoned Women in Chennai, India
Spring, 2012	Natalie Henderson	MPH BCHS	Paternalism in Public Health Practice
Spring, 2012 - present	Proma Paul	DrPH Epid	Not titled yet
2013 - present	Leah Goeke	PCMS/MPH Epid	Not titled yet Peace Corps Mozambique, 2014-2016
Spring, 2013	Nicole A Toney	MPH Epid	Representativeness of Women Enrolled in a Clinical Gynecologic Cancer Research Database at UPMC Magee-Womens Hospital, 2008-2011
2013-2014	Helen McGuirk	MPH IDM	AN EVALUATION OF CURRENT DIAGNOSTIC METHODS FOR TUBERCULOSIS IN RESOURCE-POOR AREAS AND A PROPOSAL FOR A MORE SENSITIVE TEST
2014	Natalie Suder	MPH IDM	THE ROLE OF HUMAN HERPESVIRUS AND GBV-C COINFECTIONS IN THE DEVELOPMENT OF NON-HODGKIN'S LYMPHOMA IN HIV-1 POSITIVE INDIVIDUALS IN THE MULTICENTER AIDS COHORT STUDY
2014-15	Vipavee Niemsiri	PhD HuGen	TBD

e. Service on Comprehensive Examination Committees (OPTIONAL)

<b>Dates Served</b>	<b>Student Population</b>	<b>Type of Exam/ Number of Questions</b>
Dates Served	The student population, i.e., 1 Ph.D. Biostatistics student, 7 Masters-level M.M.P.H. students, etc.	Type of exam/ number of questions

#### **d. Supervision of Post-Doctoral Students, Residents, and Fellows**

<b>Dates Supervised</b>	<b>Name of Student</b>	<b>Position of Student</b>
	Mia Romovacek, PhD	Retired
1992 – 1996	Lan Lan L Yeh, PhD	Epidemiologist, Pennsylvania State Department of Health
1997 – 1999	Kofi A. Kondwani, PhD	Assistant Professor, Department of Family Medicine, Morehouse School of Medicine, Atlanta, GA
2002 – 2006	Michael N. Okobia, MBBS, MPH, PhD	Visiting Assistant Professor, Dept Epidemiology, Univ Pittsburgh Professor of Surgery, College of Medicine, University of Benin, Benin City, Nigeria

#### **g. Mentoring of Graduate Students in Field Placements**

<b>Dates</b>	<b>Name of Student</b>	<b>Degree/Program Department</b>	<b>Field Site</b>
6/1987 – 8/1987	Glen Currier	MD, University of Pittsburgh/Cardiovascular Risk Factors in Nigerian Civil Servants	University of Benin Teaching Hospital, Benin City, Nigeria
6/1987 – 8/1987	Linda Holifield	MD, University of Pittsburgh/Cardiovascular Risk Factors in Nigerian Civil Servants	University of Benin Teaching Hospital, Benin City, Nigeria
6/1988 – 8/1988	Emmanuel Virgis	MD/University of Pittsburgh, Cardiovascular Risk Factors in Nigerian Civil Servants	University of Benin Teaching Hospital, Benin City, Nigeria
6/1988 – 8/1988	Donald Freeman	MD, University of Pittsburgh/Cardiovascular Risk Factors in Nigerian Civil Servants	University of Benin Teaching Hospital, Benin City, Nigeria
6/1990 – 8/1990	Tammy Tadam	MD, University of Pittsburgh/Cardiovascular Risk Factors in Nigerian Civil Servants	University, Sokoto, Nigeria
6/1990 – 8/1990	Linda Pippin	MD, University of Pittsburgh/Hypertension in Northern Nigerians	University, Sokoto, Nigeria
6/1990 – 8/1990	Ngoc Thai	MD, University of Pittsburgh/Hypertension in Northern Nigerians	University, Sokoto, Nigeria
6/1991 – 9/1992	Sara L. Huston	PhD, Epidemiology, University of	University of Benin Teaching

		Pittsburgh/ Epidemic Hypertension in Nigerian Workers	Hospital, Benin City, Nigeria
4/1991 – 11/1991	Nina Markovic	PhD, Epidemiology, University of Pittsburgh/ Social Factors and Blood Pressure in Nigerian Civil Servants	University of Benin Teaching Hospital, Benin City, Nigeria
6/1995 – 8/1995	Angela Parham	MPH, Health Services, University of Pittsburgh/Pilot Study of Cardiovascular Reactivity Testing Among Cameroonians	General Hospital of Yaounde, Yaounde, Cameroon
5/1994 – 8/1994	Anthony Fabio	PhD, Epidemiology, University of Pittsburgh/ Cardiovascular Risk Factors in Elderly Nigerians	University of Benin Teaching Hospital, Benin City, Nigeria
5/1996 – 11/1996	Kathleen P. HcHugh	PhD, Epidemiology, University of Pittsburgh/ Stress and Blood Pressure in Nigerian Civil Servants	University of Benin Teaching Hospital, Benin City, Nigeria
5/1997 – 11/1997	Kofi A. Kondwani	MPH, Epidemiology, University of Pittsburgh/ 24 Hour Ambulatory Blood Pressure Monitoring in Nigerian Civil Servants	University of Benin Teaching Hospital, Benin City, Nigeria
5/1997 – 11/1997	Marilyn J. Kondwani	Non-degree Student, Epidemiology, University of Pittsburgh/Epidemic Hypertension in Nigerian Workers	University of Benin Teaching Hospital, Benin City, Nigeria
5/1999 – 8/1999	Lynda L. Lee	MPH, Epidemiology, University of Pittsburgh/Prostate Cancer Case-Control Study, Edo State, Nigeria	University of Benin Teaching Hospital, Benin City, Nigeria
5/1999 – 8/1999	Irene M. Gathuru	PhD, Epidemiology, University of Pittsburgh/Respiratory Function in Nigerian Civil Servants	University of Benin Teaching Hospital, Benin City, Nigeria
7/2000 – 12/2000	Hillary A. Keenan	PhD, Epidemiology, University of Pittsburgh/ Prevalence of NIDDM in Indo-Trinidadians	Caroni (1975) Ltd., Couva, Trinidad
1/2001 – 4/2001	Hillary A. Keenan	PhD, Epidemiology, University of Pittsburgh/Prostate Cancer Screening in Indo-Trinidadians	Caroni (1975) Ltd., Couva, Trinidad
1/2001	Mary Dana Phillips	PhD, Epidemiology, University of Pittsburgh/ Tobago Prostate Cancer Survey	Tobago Regional Hospital, Scarborough, Tobago, Trinidad & Tobago
7/2001	Hillary A. Keenan	PhD, Epidemiology, University of	Petrotrin Ltd, Port Lisa,

		Pittsburgh/Prostate Cancer Screening in Indo-Trinidadians	Trinidad
9/2002-12/2002	Deanna Hill	PhD, Epidemiology, University of Pittsburgh/ Factors Associated with Bone Mineral Density in Older Tobago Women	Tobago Health Studies Office, Scarborough, Tobago, Trinidad & Tobago
8/2002-4/2004	Michael N. Okobia	Post Doc/PhD, Epidemiology, University of Pittsburgh/ Estrogens, Genetic Polymorphisms and Breast Cancer Risk in Nigerian Women	University of Benin, Benin City, Nigeria
2/2004	Mary Dana Phillips	PhD, Epidemiology, University of Pittsburgh/ Tobago Prostate Cancer Survey	Tobago Health Studies Office, Scarborough, Tobago, Trinidad & Tobago
4/2004	Iva Miljkovic-Gacic	PhD, Epidemiology, University of Pittsburgh/ Tobago Prostate Cancer Survey	Tobago Health Studies Office, Scarborough, Tobago, Trinidad & Tobago
8/2004-9/2004	Camille Rose Ragin	Post Doc, Human Genetics, University of Pittsburgh/Cervical and Oral Cancer Screening, Tobago	Trinidad & Tobago Cancer Society Office, Scarborough, Tobago
2/2005-3/2005	Nia Fodringham	MD, School of Medicine, University of Pittsburgh/ Prevalence of Polycystic Ovarian Syndrome (PCOS) Like Symptoms in the General Practice of an Obstetrics and Gynecological Office on the Island of Tobago	Office of Dr. Victor Wheeler, Scarborough, Tobago, Trinidad & Tobago
6/2005-8/2005	Faith Brebnor	PhD, Behavioral & Community Health Services/Internship for International Health Certificate	Tobago Health Studies Office, Scarborough, Tobago, Trinidad & Tobago
May 1-7, 2006	Alicia McDonald	PhD, Epidemiology/fresh freezing of prostatectomy specimens	Tobago Prostate Survey, Scarborough, Tobago, Trinidad & Tobago
6/2006-8/2006	Kevin Proctor	Medical Student, University of Pittsburgh/Abstraction of clinic and hospital records, 2004-2006, for pre-eclampsia related signs and risk factors	Tobago Regional Health Centres, Tobago Regional Hospital, Scarborough, Tobago, Trinidad & Tobago
7/2007-8/2007	Teruo Otake	MPH Student, University of Pittsburgh/Record abstraction and report on C-Section Utilization	Tobago Regional Hospital, Scarborough, Tobago, Trinidad & Tobago
5/2007-6/2007	Genevieve Woodard	MD/PhD Student, Epidemiology, Pilot Study of Subclinical	Tobago Health Studies Office, Scarborough, Tobago,



		Cardiovascular Disease in the Tobago Family Study	Trinidad & Tobago
5/2008-8/2008	April Carman	MPH Student, Behavioral & Community Health Services	SHARE India, Ghanpur Village, AP, India
12/2008-3/2009	R Margaret Whelan	MD/PhD Student, Epidemiology, LIFE Pilot Study	SHARE India, Ghanpur Village, AP, India
6/2009-7/2009	R Margaret Whelan	MD/PhD Student, Epidemiology, LIFE Pilot Study	SHARE India, Ghanpur Village, AP, India
6/2009-7/2009	Jamie Robertson	PhD Student, Epidemiology, LIFE Pilot Study	SHARE India, Ghanpur Village, AP, India
1/2010-3/2010	R Margaret Whelan	MD/PhD Student, Epidemiology, LIFE Pilot Study	SHARE India, Ghanpur Village, AP, India
5/2010-8/2010	Pallavi Jonnalagadda	MPH Student, Epidemiology, LIFE Pilot Study/MILES Study	SHARE India, Ghanpur Village, AP, India
5/2010-8/2010	Carly Switalski	MPH Student, Epidemiology, LIFE Pilot Study/MILES Study	SHARE India, Ghanpur Village, AP, India
5/2011-6/2011	Niranjani Thuppall	MS-2, Medical School LIFE Pilot Study	SHARE India, Ghanpur Village, AP, India
5/2011-7/2011	Sowmya Sanapala	Sophomore, Honors College Faculty of Arts & Sciences LIFE Pilot Study	SHARE India, Ghanpur Village, AP, India
6/2011	R Margaret Whelan	MD/PhD Student, Epidemiology, LIFE Pilot Study	SHARE India, Ghanpur Village, AP, India
6/2011-8/2011	Zoe Samudzi	Sophomore, Honors College Faculty of Arts & Sciences MILES Pilot Study	SHARE India, Ghanpur Village, AP, India
5/2012-8/2012	Chelsea Pallatino	MPH Student, BCHS LIFE Study focus groups on hygiene	SHARE India, Ghanpur Village, AP, India
4/2012-7/2012	Roslyn Phillips	MPH Student, Epidemiology Tobago Health Studies mortality followup	Scarborough, Tobago, Trinidad & Tobago
5/2013	Proma Paul	DrPH Student, Epidemiology HPV antibodies in LIFE Study mothers	SHARE India, Ghanpur Village, AP, India
5/2013-7/2013	Chelsea Pallatino	DrPH Student, BCHS Personal hygiene resources in Medchal Mandal	SHARE India, Ghanpur Village, AP, India
5/2013-7/2013	Mark Evans	2 <sup>nd</sup> year Medical Student Data cleaning and analysis, LIFE Study	SHARE India, Ghanpur Village, AP, India
6/2015-7/2015	Mara Leff	BCHS internship	SHARE India, Ghanpur Village, AP, India

**h. Other Teaching and Training**

<b>Dates</b>	<b>Teaching Activity</b>	<b>Program/Description</b>
Dates 2004 – Present 25% effort	Teaching Activity Consultant Epidemiologist, Office of Clinical Research/ Clinical & Translational Science Institute	Program/Description Provide consultation on design, conduct, data management, data analysis and manuscript/grant preparation for new investigators throughout the Health Sciences

**2. Research and Training**

**a. Grants and Contracts Received**

**Principal Investigator**

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>	<b>% Effort</b>
1974-1976	Down's Syndrome Project	Maine Department of Human Services	Direct Costs: \$89,983	80%
1975-76	Development of Cytogenetic Services	Maine Department of Mental Health and Corrections	Direct Costs: \$29,098	20%
1976-80	Retinitis Pigmentosa Project	Maine Department of Human Services	Direct Costs: \$158,689	100%
1980-81	Genetic Studies of Retinitis Pigmentosa	RP Foundation (Berman-Gund Laboratory, Mass. Eye and Ear Infirmary)	Direct Costs: \$16,000	20%
1985-88	R23-HL33428, Epidemiology and Nutritional Factors in RBC Na <sup>+</sup> Transport	National Institutes of Health	Direct Costs: \$107,500	
1987-89	Salt Transport and Microalbuminuria in Insulin-dependent Diabetes	American Diabetes Association	Direct Costs: \$46,603	
1989-93	R01-HL39748, Epidemiology of blood pressure, insulin, salt transport	National Heart, Lung & Blood Institute	Direct Costs: \$301,501	
1991-94	R01-44413, Epidemic Hypertension in Nigerian Workers	National Heart, Lung & Blood Institute	Direct costs: \$410,435	
1995-2001	R01-44413, Epidemic Hypertension in Nigerian Workers	National Heart, Lung & Blood Institute	Direct costs: \$839,630	40%
1997-2000	R01-44413B, Minority Individual Post-Doctoral Training Supplement, Epidemic Hypertension in Nigerian Workers	National Heart, Lung & Blood Institute	Direct costs: \$168,885	0%

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>	<b>% Effort</b>
1998-2001	DAMD17-99-9015, Tobago Prostate Survey: Prostate Cancer Risk in a Large Population-Based Study of Men of African Descent	Department of Defense	Direct Costs: \$432,508	25%
1999-2005	R01-CA84950, Molecular Epidemiology of Prostate Cancer in Tobagonians.	National Cancer Institute	Direct Costs: \$1,901,184	25%
2003-2005	Administrative Supplement, R01-CA84950, Molecular Epidemiology of Prostate Cancer in Tobagonians, Clareann H. Bunker, PI	National Institutes of Health, Center to Reduce Cancer Health Disparities	Direct Costs: \$34,900.	0%
2005	Administrative Supplement, R01CA84950, Molecular Epidemiology of Prostate Cancer in Tobagonians, Clareann H. Bunker, PI	National Institutes of Health, Center to Reduce Cancer Health Disparities	Direct Costs: \$17,500	0%
2005-2011	R01 CA84950, Molecular Epidemiology of Prostate Cancer in Tobagonians.	National Cancer Institute	Direct Costs: \$2,064,807	35%
2008-2010	Global Health Startup Grant	Global Health Program, GSPH	Direct costs; \$50,000	0%
2009-2010	R01 CA95023 Inflammation and Ovarian Cancer	National Cancer Institute	\$120,000	10%
2009-2010	3R01 CA084950-10A1, Molecular Epidemiology of Prostate Cancer in Tobagonians, ARA Stimulus	National Cancer Institute	\$210,612	0%
2011-2016	D43 TW009078, SHARE India University Pittsburgh Population and Intervention Research Training	Fogarty International Center, NIH	\$213,018	20%
08/08/2011-07/31/2016	D43 TW009078-04S1 (Administrative Supplement), SHARE India University Pittsburgh Population and Intervention Research Training	Fogarty International Center, NIH	\$ 48,398	1%

### Co-Principal Investigator

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>	<b>% Effort</b>
05/2015-04/2018	1R25TW009717-01A1, Empowering Indian Health Researchers with Computational Modeling Tools	Fogarty International Center, NIH	\$325,049	5%

### Other

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>	<b>% Effort</b>
1983-2004	Epidemiology and Cardiovascular Risk Factors in Women; Co-Inv,	National Institutes of Health	Direct Costs \$202,525	10%
1988-1990	Treatment of Mild Hypertension Study; Co-Inv,	National Institutes of Health	Direct Costs: \$145,000	
1988-1993	Behavioral Studies of Cardiovascular Disease; Co-Inv,	National Institute of Health	Direct Costs: \$3,885,714	
1994-1998	Genetic Epidemiology of Cardiovascular Risk Factors in Blacks; Co-Inv,	National Institutes of Health	Direct Costs: \$674,902	
1998-2000	R01 AG145753, Activity Intervention in Women a Decade Later; Co-Inv,	National Institutes of Health	Direct Costs: \$505,432	
2001-2003	Molecular Epidemiology of Sex Steroid Metabolism Genes and Bone Mass in Afro-Caribbean Men; Co-Inv.	AFAR/Pfizer	Direct Costs: \$49,955	0%
2001-2004	PC0001296, Bone Mineral Density, Sex Steroid Hormones, Race, and Prostate Cancer Risk (PI: Modugno F)	DOD		0%
2002-2005	BC011096, Estrogens, Genetic Polymorphisms and Breast Cancer Risk; Mentor	DOD	Direct Costs: \$122,000	0%
2003-2004	Association of 15-lipoxygenase-1 gene polymorphism with the risk of prostate cancer: A study in Afro-Caribbean (Tobago) and Caucasian Populations (PI: Kelavkar U) Co-Inv	CMRF, University of Pittsburgh	\$12,500	0%
2003-2004	Genetic Analysis of Wingless-Type (WNT) Pathway and Bone Health in Men (PI: Zmuda JM) Co-Inv	National Osteoporosis Foundation	\$57,000	0%
2003-2004	Genetic Epidemiologic Analysis of the LRP5 Signaling Pathway and Bone Strength in African Men (PI: Zmuda JM)	Arthritis Foundation	\$24,189	0%
2003-2005	R03-AR050107; Determinants of Bone Strength in Afro-Caribbean Families; Co-Inv	National Institutes of Health	Direct Costs: \$150,000	0%
2003-2008	R01 AR049747-01A1, Epidemiology of Bone Loss in African Men; Co-Inv	NIAMS	Direct Costs: \$463,103	15%
2004-2005	M2004-0019, Human Herpesvirus 8: A Viral Co-factor in Human Prostate Cancer; Co-Inv	Pittsburgh Foundation	\$75,000	5%

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>	<b>% Effort</b>
2005-2010	Genetic Architecture of Bone Strength Phenotypes in Families of African Heritage; Co-Inv	NIAMS	\$2,475,230	10%
2007-2011	R01 HL084613 Genetic Determinants of HDL-Cholesterol; Co-Inv	National Heart, Lung, & Blood Institute		10%
04/01/2003 - 08/31/2015	R01 AR049747-06 (PI: Joseph M. Zmuda) Epidemiology of Bone Loss in African Men; Co-Inv	NIH/AR	\$443,744	10%

#### **b. Invited Lectureships and Major Seminars Related to Your Research**

June 27, 1995	Influence of Socioeconomic Status on the Occurrence and Treatment of Hypertension in Plenary Session IV: Trends in Hypertension-African Aspects.	Tenth International Interdisciplinary Conference on Hypertension in Blacks, St. Thomas, USVI
June 19, 1999	Epidemiology of Prostate Cancer in Populations of African Descent	A Symposium on Prostate Cancer sponsored by UPMC, UPCI, NAACP
November 15, 2002	The Epidemiology of Prostate Cancer in Tobago	Keynote Speaker, Columbia University/Long Island University Retreat, Cancer-Related Disparities among Minority Groups
Sept 19, 2004	High Bone Density is Associated with Prostate Cancer in Older Afro-Caribbean Men: The Tobago Prostate Survey	Annual Meeting of the Trinidad & Tobago Medical Association, Port of Spain, Trinidad
Nov 21, 2005	Prostate cancer research strategy: Trinidad and Tobago case study	Meharry University Medical School, Nashville
March 17, 2006	Prostate Cancer: The Challenge	University of West Indies College of Medical Science, Trinidad
April 20, 2006	A Randomized Trial of Lycopene Supplementation in Tobago Men with High Prostate Cancer Risk	Trinidad & Tobago Medical Society, Tobago branch
March 7, 2009	Summary of the Four Tobago Health Study Presentations for the 2009 Caribbean Health Research Council, April, St. Lucia	Trinidad & Tobago Medical Society, Tobago branch
May 2, 2009	Recently Published Results from Two Large Clinical Trials on the Influence of Prostate Cancer Screening on Mortality – Implications for the Caribbean	Trinidad & Tobago Medical Society, Tobago branch

September 19, 2011	Ask the IRB about International Research Setting up a Global Health Field Experience	Global Health Open House Panel discussions
July 19, 2011	High Rates of Infant Death in India: Why? How can they be prevented?	University of Pittsburgh Health Career Scholars Academy
October 24, 2011	Ethical Issues in Global Health	Global Health Preparator Seminar for Global Health Residents UPMC
November 2, 2011	Key Actors and Stakeholders in Global Health	Introduction to Global Health (undergraduate class)
November 21, 2011	Tobago Prostate Cancer Survey: History, Update, and Research Opportunities	Prostate and Urological Cancer Program Seminar
February 19, 2014	Setting Up International Collaborations: Lessons from the Tobago Health Studies (1992-ongoing)	Responsible Conduct of Research (RCR) Seminar Series
February 27, 2014	Should Men of African Descent Be Screened for Prostate Cancer? Fifteen-Year Mortality Follow-up of Prostate Cancer Screening in an Afro-Caribbean Cohort	GSPH Department of Epidemiology Seminar Series
March 12, 2014	How Are We Going to Decide Whether Men of African Descent Should Undergo Prostate Cancer Screening?	Cancer Prevention and Epidemiology Program Seminar Series

**c. Other Research and Training Activities (past five years)**

<b>Date</b>	<b>Position</b>	<b>Description of Activity</b>
None		

PUBLICATIONS

**1. Refereed Articles**

1. **Bunker CH**, Berson EL, Bromley WC, Hayes RP, Roderick TH. Prevalence of retinitis pigmentosa in Maine. *Am J Ophthalmol* 1984; 97:357-65.
2. **Bunker CH**, Mallinger AG, Adams LL, and Kuller LH. Red blood cell sodium-lithium countertransport and cardiovascular risk factors in black and white college students. *J Hypertension* 1987, 5:7-15.
3. Sepehrnia B, Kamboh MI, Adams-Campbell LL, **Bunker CH**, Nwankwo M, Majumder PP, Ferrell RE. Genetic studies of human apolipoproteins X. The effect of the apolipoprotein E polymorphism on quantitative levels of lipoproteins in Nigerian blacks. *Am J Hum Genet* 1989;45:586-591.
4. Sepehrnia B, Kamboh MI, Adams-Campbell LL, **Bunker CH**, Nwankwo M, Majumder PP, Ferrell RE. Genetic studies of human apolipoproteins X. The effect of the apolipoprotein E polymorphism on quantitative levels of lipoproteins in Nigerian blacks. *Am J Hum Genet* 1989;45:586-591.
5. Wing RR, **Bunker CH**, Kuller LH, Matthews KA. Insulin, body mass index and cardiovascular risk factors in premenopausal women. *Arteriosclerosis* 1989;9:479-484.
6. Wing RR, Kuller LH, **Bunker CH**, Matthews KA, Caggiula A, Meilahn E, Kelsey S. Obesity, obesity-related behaviors and coronary heart disease risk factors in black and white premenopausal women. *Int J Obesity* 1989;13:511-519.
7. Sepehrnia B, Kamboh MI, Adams-Campbell LL, **Bunker CH**, Nwankwo M, Majumder PP, Ferrell RE. Genetic studies of human apolipoproteins. XI. The effect of the apolipoprotein C-II polymorphism on lipoprotein levels in Nigerian blacks. *J Lipid Res* 1989;30:1349-1355.

8. Nwankwo MU, **Bunker CH**, Ukoli FA, Omene JA, Freeman DT, Vergis EN, Yeh LL, Kuller LH. Blood pressure and other cardiovascular disease risk factors in black adults with sickle cell trait or glucose-6-phosphate dehydrogenase deficiency. *Genet Epidemiol* 1990;7:211-218.
9. **Bunker CH**, Nwankwo MU, Ukoli FA, Omene JA, Currier GW, Holifield LR, Freeman DT, Vergis EN, Yeh LL, Kuller LH. Factors related to blood pressure among urban Nigerian workers. *J Hum Hyperten* 1990;4:82-84.
10. **Bunker CH**, Wing RR, Mallinger AG, Becker DJ, Matthews KA, Kuller LH. Cross-sectional and longitudinal relationship of sodium-lithium countertransport to insulin, obesity and blood pressure in healthy perimenopausal women. *J Hum Hyperten* 1991;5:381-392.
11. **Bunker CH**, Nwankwo MU, Ukoli FA, Omene JA, Currier GW, Holifield LR, Freeman DT, Vergis EN, Yeh LL, Kuller LH. Factors associated with hypertension in Nigerian civil servants. *Prev Med* 1992;21:710-722.
12. Kamboh MI, Williams ER, Law JC, Aston CE, **Bunker CH**, Ferrell RE, Pollitzer WS. Molecular basis of a unique African variant (A-IV 5) of human apolipoprotein A-IV and its significance in lipid metabolism. *Genet Epidemiol* 1992;9:379-388.
13. Muldoon MF, Terrell DF, **Bunker CH**, Manuck SB. Family history studies in hypertension research: review of the literature. *Am J Hyperten* 1993;6:76-88.
14. **Bunker CH**, Wing RR, Becker DJ, Kuller LH. Sodium-lithium countertransport is decreased after weight loss in healthy obese adults. *Metabolism* 1993;42:1052-1058.
15. Hopp L, **Bunker CH**. A lipophilic impurity of phenol red is a potent cation transport modulator. *J Cell Physiol* 1993;157:594-602.
16. Kamboh MI, **Bunker CH**, Nwankwo MU, Ferrell RE. Hemopexin: a unique genetic polymorphism in populations of African ancestry. *Human Biology* 1993;65:655-660.
17. Yong LC, Kuller LH, Rutan G, **Bunker C**. Longitudinal study of blood pressure: changes and determinants from adolescence to middle age. The Dormont High School Follow-up Study, 1957-1963 to 1989-1990. *Am J Epidemiol* 1993;138:973-983.
18. Coonrod BA, Ellis D, Becker DJ, **Bunker CH**, Kelsey SF, Lloyd CE, Drash AL, Kuller LH, Orchard TJ. Predictors of microalbuminuria in individuals with IDDM. *Diabetes Care* 1993;16:1376-83.
19. Yeh LL, **Bunker CH**, Evans RW, Kuller LH. Serum fatty acid distributions in postmenopausal women. *Nutr Res* 1994;14:675-692.
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21. Ukoli FA, **Bunker CH**, Fabio A, Olomu IN, Olomu A, Kuller LH. Body fat distribution and other anthropometric blood pressure correlates in a Nigerian urban elderly population. *Central Afric J Med* 1995;41:154-160.
22. Markovic N, Matthews KA, Huston SL, Egbagbe EE, Ukoli FA, **Bunker CH**. Blood pressure reactivity to stress varies by hypertensive status and sex in Nigerians. *Am J Epidemiol* 1995;142:1020-1028.

23. Deka R, Jin L, Shriver MD, Yu LM, DeCruo S, Hundrieser J, **Bunker CH**, Ferrell RE, Chakraborty R. Population genetics of dinucleotide (dC-dA)<sub>n</sub> (dG-dT)<sub>n</sub> polymorphisms in world populations. *Am J Hum Genet* 1995;56:461-474.
24. **Bunker CH**, Ukoli FA, Matthews KA, Kriska AM, Huston SL, Kuller LH. Weight threshold and blood pressure in a lean black population. *Hypertension* 1995;26:616-623.
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27. Hopp L, **Bunker CH**, Day BW. Quinine sensitive changes in cellular Na<sup>+</sup> and K<sup>+</sup> homeostasis of cos-7 cells caused by a lipophilic phenol red impurity. *In Vitro Cell Dev Biol Anim* 1995;31:352-60.
28. Deka R, Majumder PP, Shriver MD, Stivers DN, Zhong Y, Yu LM, Barrantes R, Yin S-J, Miki T, Hundrieser J, **Bunker CH**, McGarvey ST, Sakallah S, Ferrell RE, and Chakraborty R. Distribution and evolution of CTG repeats at the myotonin protein kinase gene in human populations. *Genome Res* 1996;6:142-154.
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30. **Bunker CH**, Ukoli FA, Okoro FI, Olomu AD, Kriska AM, Huston SL, Markovic N, Kuller LH. Correlates of serum lipids in a lean black population. *Atherosclerosis* 1996;123:215-225.
31. Yeh LL, Kuller LH, **Bunker CH**, Ukoli FA, Huston SL, Terrell DF. The role of socio-economic status and serum fatty acids in the relationships between food intake and cardiovascular risk factors. *Ann Epidemiol* 1996;6:290-298.
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39. Ali S, **Bunker CH**, Aston CE, Ukoli FA, Kamboh MI. Apolipoprotein a kringle 4 polymorphism and serum lipoprotein (a) concentrations in African Blacks. *Human Biology* 1998, 70(3):477-490.
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**2. Books and Book Chapters**

None

**3. Published Proceedings**

None

**4. Invited Articles**

None

**5. Review Articles**

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47. Miljkovic-Gacic I, Kuller LH, Ferrell RE, Patrick AL, **Bunker CH**. NMR Lipoprotein Subclasses in Tobago and CHS men and Association of Hepatic Lipase Polymorphisms with variations in NMR Lipoprotein Subclasses. 44th Annual Conference on Cardiovascular Disease Epidemiology, San Francisco, March 3-6, 2004 (Finalist for the Roger R. Williams Memorial Award for Genetic Epidemiology) (abstract).
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51. **Bunker CH**, Moffett SP, Oakley JP, Nestlerode CS, Patrick AL, JM Zmuda. Association Between Sequence Variation at the Human Frizzled-1 (FZD-1) Locus and Prostate Cancer. Presented at the 54<sup>th</sup> Annual American Society of Human Genetics Meeting, Toronto, Ontario, Canada, October 26-30, 2004

(abstract).

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54. Miljkovic-Gacic I, **Bunker CH**, Ferrell RE, Kammerer CM, Evans RW, Patrick AL, Kuller LH. Novel ethnic-specific associations between Endothelial and Hepatic Lipase Polymorphisms and NMR HDL Subclasses and size. *Accepted for an oral presentation for the 2nd International Symposium on Triglycerides and HDL: Role in Cardiovascular Disease and the Metabolic Symposium held in New York, July 14-17, 2005*

## 7. Presentations

**Clareann H. Bunker**, Alan L Patrick, Gloria Maharaj, Hillary A Keenan, Sham Ramnarine, Andrew Belle, Jean-Robert Richard, Rajiv Dhir. Prostate Cancer Risk is 4.6-Fold Higher Among Men Aged 50-64 of African Descent Compared with Men of Asian Indian Descent in Trinidad and Tobago. Blue Ribbon Presentation, International Society for Hypertension in Blacks, Miami Beach, FL, June 10, 2002.

Irene M. Gathuru, **Clareann H. Bunker**, Flora A. Ukoli, Eruke E. Egbagbe. Differences in Rates of Obstructive Lung Disease Between Africans and African Americans. Blue Ribbon Presentation, International Society for Hypertension in Blacks, Miami Beach, FL, June 12, 2002.

Alan L. Patrick, Paul McKeigue, **Clareann H. Bunker**. Patterns of Mortality in an Island Population of African Descent, Tobago, West Indies, 1976-2000. Merit Poster, International Society for Hypertension in Blacks, Miami Beach, FL, June 11, 2002.

Irene M. Gathuru, **Clareann H. Bunker**, Flora A. Ukoli, Rovshan Ismailov. Do Weight and Waist Predict Fasting Lipid Levels? Poster, International Society for Hypertension in Blacks, Miami Beach, FL, June 11, 2002.

**Bunker CH**, Patrick AL, Konety BR, Dhir R, Belle A, Richard JR. Screening-detected incidence of prostate cancer in an Afro-Caribbean population. *J Urol* 2003;169:428(abstract).

Zmuda JM, **Bunker CH**, Patrick AL, Shea P, Ferrell RE. Androgen Receptor Haplotypes and Prostate Cancer in a High Risk Population of African Descent. Poster presentation at the American Association for Cancer Research Conference Proceedings, Sept. 13-17, 2003, Key Biscayne, Florida.

**Bunker CH**, Zmuda JM, Patrick AL, Weissfeld JL, Kuller LH, Cauley JA. High bone density is associated with prostate cancer in a population based study of Afro-Caribbean men. AACR 95<sup>th</sup> Annual Meeting, March 27-31, 2004, Orlando, Florida.

**Bunker CH**, Ferrell RE, Jenkins FJ, Zmuda JM, Hoffman LF, Kuller LH, Patrick AL. Prostate cancer risk is elevated in genetically susceptible men who are seropositive for human herpes virus 8: The Tobago Prostate Survey. Proceedings of the 49<sup>th</sup> Annual Meeting of the Caribbean Health Research Council; West Indian Medical Journal 2004.

**Bunker CH**, Moffett SP, Oakley JP, Nestlerode CS, Patrick AL, JM Zmuda. Association Between Sequence Variation at the Human Frizzled-1 (FZD-1) Locus and Prostate Cancer. Presented at the 54<sup>th</sup>

Annual American Society of Human Genetics Meeting, Toronto, Ontario, Canada, October 26-30, 2004.

JB Nelson, RL Hrebinko Jr, CA Solomon, A Belle, O Okeke, AC McDonald, VW Wheeler, AL Patrick, **CH Bunker**. P-1 Experience with Radical Retropubic Prostatectomy for Prostate Cancer Treatment in Tobago. Presented at the 50th Annual Caribbean Health Research Council Meeting, Tobago WI, April 2005.

SP Moffett, JM Zmuda, AC McDonald, RE Ferrell, AL Patrick, **CH Bunker**. Association of a Common Haplotype in IL1A/IL1B Gene Region with Prostate Cancer in Afro-Caribbean Men. Presented at the American Association for Cancer Research Annual Meeting, Anaheim CA, April 2005.

SP Moffett, AL Patrick, RE Ferrell, **CH Bunker**, JM Zmuda. Association Between Low-Density-Lipoprotein Receptor-Related Protein 5 (LRP5) Genotype and Prostate Cancer. Presented at the American Association for Cancer Research Annual Meeting, Anaheim CA, April 2005.

I Miljkovic-Gacic, **CH Bunker**, RE Ferrell, CM Kammerer, RW Evans, AL Patrick, LH Kuller. Novel Ethnic-Specific Associations Between Endothelial and Hepatic Lipase Polymorphisms and NMR HDL Subclasses and Size. Presented at the 2nd International Symposium on Triglycerides and HDL: Role in Cardiovascular Disease & the Metabolic Symposium, New York NY, July 14-17, 2005.

Y Sheu, JM Zmuda JA Cauley, **CH Bunker**, AL Patrick, VW Wheeler, E Barrett-Connor, ML Stefanick, HA Fink, CE Lewis, LM Marshall, ES Orwoll. Differences in Hip Bone Mineral Density and Body Composition in a Multi-Ethnic Cohort of Older Men. Presented at the 27th Annual American Society of Bone and Mineral Research Meeting, Nashville TN, Sept. 23-27, 2005.

XJ Wang, CM Kammerer, VW Wheeler, AL Patrick, JA Cauley, **CH Bunker**, JM Zmuda. Genetic Architecture of Bone Strength Related Traits in Multigenerational Families of African Descent: The Tobago Family Study. Presented at the 27th Annual American Society of Bone and Mineral Research Meeting, Nashville TN, Sept. 23-27, 2005.

AL Kuipers, SP Moffett, CS Nestlerode, VW Wheeler, AL Patrick, **CH Bunker** JA Cauley, RE Ferrell, JM Zmuda. Genomic Variation in Transforming Growth Factor Beta 1 Induced Transcript 1 (TGFB1I1) is Associated with Multiple Measures of Body Composition in Afro-Caribbean Men. Presented at the 55th Annual American Society of Human Genetics Meeting, Salt Lake City UT, October 25-29, 2005.

Sanghera DK, Bhatti JS, Bhatti GK, Ralhan SK, Wander GS, Singh JR, **Bunker CH**, Weeks DE, Kamboh MI, Ferrell RE. The Khatri Sikh Diabetes Study (SDS): Study design, methodology, sample collection and initial results. Poster presentation at the 55<sup>th</sup> Annual Meeting of the American Society of Human Genetics, Salt Lake City Utah, Oct. 25-29, 2005.

Y Sheu, J Zmuda, S Moffett, **C Bunker**, J Cauley A Patrick, C Ishwad, R Ferrell. Nuclear Receptor Coactivator-3 Alleles are Associated with Increased Bone Mass in Afro-Caribbean Men. Presented at the 55th Annual American Society of Human Genetics Meeting, Salt Lake City UT, October 25-29, 2005.

X Wang, CM Kammerer, VW Wheeler, AL Patrick, **CH Bunker**, JA Cauley, JM Zmuda. Heritability and Pleiotropy of Muscle and Bone Related Traits in Afro-Caribbean Families. Presented at the 55th Annual American Society of Human Genetics Meeting, Salt Lake City UT, October 25-29, 2005.

AC McDonald, **CH Bunker**, N de la Rosa, JT Matar, AL Patrick. Serum PSA Response to Lycopene Supplementation along with Multivitamin Does Not Differ From Response to Multivitamin Alone in Men with High Grade Intraepithelial Neoplasia in a Randomized Trial. Presented at the AACR 97th Annual Meeting, Washington, DC, April 1-5, 2006.

AC McDonald, **CH Bunker**, N de la Rosa, AL Patrick. Serum Carotenoids and Retinol Levels in African-Caribbean Tobago Men. Presented at the 51st Caribbean Health Research Council Annual Meeting, St. Kitts, April 27-29, 2006.

XJ Wang, CM Kammerer, VW Wheeler, AL Patrick, **CH Bunker**, JA Cauley, JM Zmuda. Genetic and Environmental determinants of DXA and pQCT measured BMD traits in Afro-Caribbean Families. Presented at Int'l Osteoporosis Foundation Annual Conference, Toronto Canada, June 2-6, 2006.

XJ Wang, CM Kammerer, VW Wheeler, AL Patrick, **CH Bunker**, JA Cauley, JM Zmuda. Familial Aggregation and Heritability of Bone Size and Body Size: Evidence for Shared and Unique Genetic Effects. Presented at Int'l Osteoporosis Foundation Annual Conference, Toronto Canada, June 2-6, 2006.

XJ Wang, CM Kammerer, VW Wheeler, AL Patrick, **CH Bunker**, JA Cauley, JM Zmuda. Heritability and Pleiotropy of Muscle and Bone Related Traits in Afro-Caribbean Families. Accepted for poster presentation, American Society of Human Genetics Annual Conference, Salt Lake City, UT, Oct 2006.

I Miljkovic-Gacic, XJ Wang, CM Kammerer, BH Goodpaster, **CH Bunker**, AL Patrick, VW Wheeler, LH Kuller, RW Evans, JM Zmuda. Adipose Tissue Infiltration in Skeletal Muscle: Evidence for Familial Clustering in a High Risk African Population - The Tobago Family Health Study. Submitted to NAASO, The Obesity Society 2006 Annual Scientific Meeting, Boston, MA, October 20-24, 2006.

XJ Wang, I Miljkovic-Gacic, CM Kammerer, **CH Bunker**, VW Wheeler, AL Patrick, LH Kuller, JA Cauley, JM Zmuda. Evidence for Gender-Specific Heritability of Body Fat Distribution in Families of African Origin. Submitted to NAASO, The Obesity Society 2006 Annual Scientific Meeting, Boston, MA, October 20-24, 2006.

I Miljkovic-Gacic, Y-T Sheu, JA Cauley, BH Goodpaster, SP Moffett, K Ensrud, AL Patrick, VW Wheeler, **CH Bunker**, E Orwoll, JM Zmuda. Increased Adipose Tissue Infiltration in Skeletal Muscle Despite Lower Total Body Fat Among Older Men of African Origin. Submitted to NAASO, The Obesity Society 2006 Annual Scientific Meeting, Boston, MA, October 20-24, 2006.

SP Moffett, LM Yerges, JI Oakley, CS Nestlerode, VW Wheeler, AL Patrick, **CH Bunker**, JA Cauley, JM Zmuda. Novel Association of *WNT10B* Polymorphisms with Lean Body Mass Among Older Afro-Caribbean Men. Submitted to NAASO, The Obesity Society 2006 Annual Scientific Meeting, Boston, MA, October 20-24, 2006.

Y-T Sheu, I Miljkovic-Gacic, JA Cauley, AL Patrick, VW Wheeler, BH Goodpaster, **CH Bunker**, LH Kuller, RW Evans, JM Zmuda. Adipose Tissue Infiltration in Skeletal Muscle: Age Patterns and Association with Diabetes in a Large Cohort of Afro-Caribbean Men. Submitted to NAASO, The Obesity Society 2006 Annual Scientific Meeting, Boston, MA, October 20-24, 2006.

**Bunker CH**, McHugh-Pemu KP, Okobia MN, Zmuda JM, Wheeler VW, Patrick AL, Cauley JA. Body Fat Distribution, Diabetes, and Prostate Cancer in Afro-Caribbean Men: The Tobago Prostate Cancer Survey. Presentation at the AACR 98th Annual Meeting, Los Angeles CA, April 16, 2007.

Miljkovic-Gacic I, Sheu YT, Patrick AL, Wheeler VW, **Bunker CH**, Zmuda JM. Associations of Body Fat Distribution and Obesity with Hypertension in Afro-Caribbean Men: The Tobago Health Study. To be presented at the Caribbean Health Research Council-52nd Annual Scientific Meeting, Montego Bay, Jamaica, May 3-5, 2007

Miljkovic-Gacic I, Wang XJ, Kammerer CM, Gordon CL, Goodpaster BH, **Bunker CH**, Patrick AL, Wheeler VW, Kuller LH, RW Evans, Zmuda JM. Fat Infiltration in Skeletal Muscle: New Evidence for Familial Clustering and Associations with Diabetes in a High Risk African Population. Submitted for the 67th Annual American Diabetes Association (ADA) Scientific Sessions, Chicago, June 22-26, 2007

McDonald AC, **Bunker CH**, Taioli E, Patrick AL, Jenkins FJ. Human Herpes Virus 8 Seroconversion and Seroreversion Rates in Health Tobago Men. In Proceedings of the 10<sup>th</sup> International Workshop on Kaposi's Sarcoma Associated Herpesvirus (KSHV) and Related Agents; August 2007, Portland OR. Abstract #106.

Wang XJ, Inglis D, Gordon CL, Sheu YT, Kammerer CM, **Bunker CH**, Wheeler VW, Patrick AL, Cauley JA, Zmuda JM. Trabecular Bone Structure in Men of African Heritage: Age Patterns and Familial Resemblance. ASBMR 29<sup>th</sup> Annual meeting, Honolulu, Hawaii, September 16-19, 2007.

Miljkovic-Gacic I, XJ Wang, CM Kammerer, LH Kuller, LM Yerges, **CH Bunker**, AL Patrick, VW Wheeler, RW Evans, JM Zmuda. Genetic Variation in Four Candidate Loci and HDL-C: Tagging-SNP Analysis in Multigenerational Families of African Ancestry. Poster presentation at the 2007 Clinical Cardiovascular Genomics Meeting and Workshop, Cold Spring Harbor, October 10 - 13, 2007.

Miljkovic-Gacic I, Wang XJ, Kammerer CM, Nestlerode C, Yerges LM, Kuiper A, Goodrich L, Kuller LH, **Bunker CH**, Patrick AL, Wheeler VW, RW Evans, Zmuda JM. High-Density Association Analysis of the CETP Locus and HDL-C in Families of African Ancestry: The Tobago Family Health Study. Poster presentation at the 57th Annual Meeting of the American Society of Human Genetics, San Diego, CA, October 22-27, 2007.

Kuipers AL, Nestlerode CS, Wheeler VW, Patrick AL, **Bunker CH**, Zmuda JM. Novel Association of the High Mobility Group Gene (*HMG2*) with Bone Health. Selected for poster presentation at GSPH Dean's Day Research Competition, March 7, 2008.

Li H, **Bunker CH**, Markovic N, Gathuru I, Huston SL, Matthews KA, Ukoli FAM. Does Elevated Cardiovascular Reactivity in Normotensives Predict Future Hypertension in a Lean Western African population? Poster presentation at 48th Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity and Metabolism. Colorado Springs, CO March 11-15, 2008

Miljkovic-Gacic I, Wang XJ, Yerges LM, Kammerer CM, Kuller LH, **Bunker CH**, Patrick AL, Wheeler VW, RW Evans, Zmuda JM. Novel Association of Hepatic Nuclear Factor 4 $\alpha$  (*HNF4 $\alpha$* ) Variants with Triglycerides in a Population of African Descent: The Tobago Family Health Study. Poster presentation at the 48th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Colorado Springs, CO, March 11-15, 2008.

Patrick AL, Miljkovic-Gacic I, Sekikawa A, Sutton-Tyrrell K, **Bunker CH**, Wheeler VW, Zmuda JM, Kuller LH. The Burden of Sub-clinical Cardiovascular Disease in Tobago: A Preliminary Report. Presented at the Caribbean Health Research Council annual meeting in Suriname, April 24-26, 2008.

Patrick AL, Woodard G, Sekikawa A, Sutton-Tyrrell K, **Bunker CH**, Wheeler VW, Miljkovic-Gacic I, Zmuda JM, Kuller LH. Subclinical Cardiovascular Disease in Tobago: A Preliminary Report on Carotid Artery Intima-media Thickness. Presented at the Caribbean Health Research Council annual meeting in Suriname, April 24-26, 2008.

McDonald AC, Weissfeld J, Jenkins FJ, Patrick AL, **Bunker CH**, Taioli E. Human Herpesvirus 8 Seropositivity and its Association with Markers of Prostate Cancer Among Tobago Men. In Proceedings of the 2<sup>nd</sup> Annual International African-Caribbean Cancer Consortium Conference. Miami, FL, May 12-13, 2008.

C Ragin, A Watt, **CH Bunker**, RP Edwards, N Markovic, E Taioli, H Fletcher, D Garwood, SM Gollin, M Jackson, AL Patrick, M Smikle, VW Wheeler, JB Wilson, N Younger, N McFarlane. Comparisons of Type-Specific Distribution of HPV Infections in Populations of African Descent. Presented as oral poster outline at the 2<sup>nd</sup> Annual International African-Caribbean Cancer Consortium Conference. Miami, FL, May 12-13, 2008.

Hu Li, I Miljkovic-Gacic, LM Yerges, CM Kammerer, XJ Wang, CS Nestlerode, LH Kuller, **CH Bunker**, AL Patrick, VW Wheeler, JM Zmuda. Variants in the Perilipin Gene are Associated with Adipose Tissue Infiltration in Skeletal Muscle independent of Total Body Fat. Selected for poster presentation at the 68th American Diabetes Association Scientific Sessions. San Francisco, CA June 6-10, 2008.

Miljkovic-Gacic I, Li H, Yerges LM, Kammerer CM, Wang XJ, CS Nestlerode, Kuller LH, **Bunker CH**, Patrick AL, Wheeler VW, RW Evans, Zmuda JM. Association of the Fatty Acid Binding Protein 4 (FABP4) Gene with Increased Fat Infiltration in Skeletal Muscle, Hyperinsulinemia and Hypertriglyceridemia in Afro-Caribbean Families. Selected for poster presentation at the 68<sup>th</sup> American Diabetes Association's Scientific Sessions, San Francisco, CA, June 6 -10, 2008.

LM Yerges, I Miljkovic-Gacic, JA Cauley, Y Sheu, VW Wheeler, **CH Bunker**, AL Patrick, JM Zmuda Adiposity and Bone Mineral Density in Older Men: Opposing Relationships of Subcutaneous and Intermuscular Fat Depots. To be presented at the annual Society for Epidemiological Research Meeting, Chicago, IL, June 24-27,2008.

### 8. Non-Print Media

None

### 9. Other Publications

**Bunker CH**. Maine families with a high incidence of trisomy 21 (Down syndrome). *Proceedings of the Second Annual Maine Biomedical Science Symposium*. 1976, 1:148-160.

Kuller LH, Schachter J, Adams L, **Bunker C**, Orchard T. Epidemiology of blood pressure in the young. *NHLBI Workshop of Juvenile Hypertension, Proceedings from a Symposium*, Bethesda, Maryland, May 26-27, 1983, 1984, pp 73-92.

**Bunker CH**, Lee L and Ukoli F. African women: looking forward to growing older. *African Health* 1999;21(2):14-16.

### 3. Service (Professionally Related)

#### a. University/Institute of Higher Learning

Years	Committee	Position
1987 – 1988	Faculty Executive Committee, University of Pittsburgh Graduate School of Public Health	Member

<b>Years</b>	<b>Committee</b>	<b>Position</b>
	Safety Committee, University of Pittsburgh Graduate School of Public Health	Member
1988 – ~2008	Student Admissions and Performance Committee, University of Pittsburgh Graduate School of Public Health	Member
1990 – 1993	Omicron Chapter, Delta Omega, University of Pittsburgh Graduate School of Public Health	Secretary/Treasurer
2000 – present	Consortium to foster expansion of service and research collaborations between the Tobago Dept. of Health and Social Services and the University of Pittsburgh	Facilitator
1998 – 1999	Faculty Minority Health Research Committee, University of Pittsburgh Graduate School of Public Health	Member
1999 – 2003	Faculty Diversity Committee, University of Pittsburgh Graduate School of Public Health	Member
2003 - 2009	Search Committee for Head of Program of Global Health, Graduate School of Public Health	Member
2004	Search Committee for Research Associate, Department of Epidemiology	Member
2004-Present	Committee to Review Preliminary Examinations, Department of Epidemiology	Member
2006-2009	GSPH Faculty Senate Executive Committee	President-elect President Past President
2006-2009	GSPH Dean's Council	Member
2006 - present	Design, Biostatistics, and Clinical Research Ethics Core Committee, Clinical and Translational Science Institute	Member
2006 - ~2010	Training Subcommittee, Design, Biostatistics, and Clinical Research Ethics Core, Clinical and Translational Science Institute	Member
2008	GSPH Academic Integrity Hearing Board	Member
2010-2012	Admissions Committee, Department of Epidemiology	Member



<b>Years</b>	<b>Committee</b>	<b>Position</b>
2011 – present	Global Health Certificate Advisory Committee	Member
2011-present	PCMI (Peace Corps MPH) Advisory Committee	Member
2013- present	Global Health Competency Certification Workgroup	Member

#### **b. Editorial Boards, Editorships**

<b>Date</b>	<b>Position</b>	<b>Organization</b>
1995 – 1997	Member, Scientific Program Committee	International Society for Hypertension in Blacks
1997 – 1999 2001-2005	Member, Editorial Board	Ethnicity and Disease

#### **c. Manuscript and Other Document/Publication Review**

<b>Dates</b>		<b>Journal Title</b>
1991 -	Referee	Metabolism
1992 -	Referee	Genetic Epidemiology
1992 -	Referee	International Journal of Epidemiology
1993 -	Referee	Diabetes Care
1994 -	Referee	Hypertension
1995 -	Referee	Preventive Medicine
1995 -	Referee	Arteriosclerosis, Thrombosis, & Vascular Biology
1997 -	Referee	Ethnicity and Disease
1997 -	Abstract Grader	International Society for Hypertension in Blacks
2003-	Referee	Journal of the National Medical Association
2003-	Referee	American Journal of Preventive Medicine
2003-	Referee	Cancer, Epidemiology and Biomarkers
2003-	Referee	Annals of Epidemiology
2005-	Referee	Cancer Research
2006-	Referee	American Journal of Epidemiology

**d. Study Sections, Review Panels, and Related Advisory Boards**

<b>Date</b>	<b>Position</b>	<b>Organization and Nature of Activity</b>
April, 2002	Ad Hoc Reviewer	NIGMS, Minority Biomedical Research Support Program
July, 2005	Study Section Member	RFA-DK-04-009:Interstitial Cystitis/painful Bladder Syndrome: Epidemiology
July 2005	Grant Reviewer	Cancer Research UK
Sept 2005	Grant Reviewer	U.S. Civilian Research and Development Foundation
Jan 2006	Grant Reviewer	N.J. Commission on Cancer Research
Oct 2006	Study Section Member	NIH Study Section ZRG1 RUS A(51)
Dec 2006	Grant Reviewer	Cancer Research UK
June 2007	Fellowship Application Reviewer	ASPH/CDC Allan Rosenfield Global Health Fellowship Program
May 2008	Fellowship Application Reviewer	ASPH/CDC Allan Rosenfield Global Health Fellowship Program
May 2009	Fellowship Application Reviewer	ASPH/CDC Allan Rosenfield Global Health Fellowship Program
May 2009	Grant Application Reviewer	CDC Special Emphasis Panel for: DD09-005 Public Health Research on Down Syndrome (U01)
January 2012	Study Section Member	Fogarty International Center Study Section: Chronic, non-communicable diseases and disorders across the lifespan (NCD-LIFESPAN)
June 2014	Ad Hoc Study Section Member	Dissemination and Implementation Research in Health (DIRH) Study Section

**e. Leadership in Professional Organizations and Honorary Societies**

<b>Date</b>	<b>Position</b>	<b>Organization</b>
None		

**f. Service to Governmental and Other Public Organizations**

<b>Date</b>	<b>Position</b>	<b>Type of Service and/or Agency</b>
1997 – 1999	Member	Pennsylvania Department of Health Birth Defects Ad-Hoc Advising Committee

**g. Consultantships**

Date	Name of Consultantship
None	

**4. Service (Community Related)**

**a. Service to Community-Based Organizations**

Year(s)	Position and Organization	Type of Service
1999, 2000	NAACP, Pittsburgh PA	Co-organizer, Father’s Day Prostate Cancer Screening

**b. Service to Government Agencies**

Year(s)	Position and Organization	Type of Service
None		

**c. Other Related Service and Volunteer Activities**

Year(s)	Position and Organization	Type of Service
None		

**5. Clinical and Related Activities (OPTIONAL - if applicable)**

**A. Outpatient: Patient Care**

Supporting descriptive information (if applicable)

**B. Inpatient: Patient Care**

<u>LOCATION/SERVICE</u>	<u>DESCRIBE ACTIVITY</u> (e.g. patient care, precepting, call, surgery, etc.)	<u>TIME DEVOTED TO ACTIVITY</u> (e.g. number of half days/week, number of days/year, etc.)
2000 - 2010 Tobago Regional Hospital Scarborough, Tobago	Organize hospitalization and surgical sessions for provision of radical prostatectomy to Tobago men by volunteer surgical team from Dept of Urology, University of Pittsburgh	15 days/year

Supporting descriptive information (if applicable)

**C. Other Patient Care**

<u>LOCATION/SERVICE</u>	<u>DESCRIBE ACTIVITY</u> (e.g. patient care, call, surgery, etc.)	<u>TIME DEVOTED TO ACTIVITY</u> (e.g. number of half days/week, number of days/year, etc.)

Supporting descriptive information (if applicable)