

SARA L. HUSTON, PH.D.

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EDUCATION

PH.D., EPIDEMIOLOGY

Conferred December, 1993

Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA

Concentration: Chronic Disease Epidemiology

Dissertation: Left ventricular hypertrophy among Nigerian Civil Servants

B.A., BIOLOGY/ANTHROPOLOGY

Conferred May, 1988

Hampshire College, Amherst, MA

OTHER TRAINING

GEOGRAPHIC INFORMATION SYSTEMS TRAINING FOR SURVEILLANCE OF HEART DISEASE, STROKE AND OTHER CHRONIC DISEASES

April, 2011–December, 2011

Duke University's Children's Environmental Health Initiative, CDC Division of Heart Disease and Stroke Prevention, and National Association of Chronic Disease Directors

MANAGEMENT ACADEMY FOR PUBLIC HEALTH

August, 2004–April, 2005

UNC Chapel Hill School of Public Health and Kenan-Flagler Business School

10-DAY SEMINAR ON THE EPIDEMIOLOGY & PREVENTION OF CARDIOVASCULAR DISEASE

July–August, 1999

American Heart Association

EPIDEMIC INTELLIGENCE SERVICE

1995-1997

Centers for Disease Control and Prevention

POST-DOCTORAL FELLOW, HUMAN GENETICS

1994-1995

Graduate School of Public Health, University of Pittsburgh

COLLEGE SEMESTER ABROAD, KENYA

August-December, 1987

School for International Training, Brattleboro, VT & Nairobi, Kenya

APPOINTMENTS / POSITIONS

ASSISTANT RESEARCH PROFESSOR

University of Southern Maine, Dept. of Applied Medical Sciences (8/2010 – Present)

LEAD CHRONIC DISEASE EPIDEMIOLOGIST

Maine Center for Disease Control and Prevention, Division of Population Health (8/2010 – Present)

RESEARCH ASSISTANT PROFESSOR

University of North Carolina at Chapel Hill, School of Public Health, Dept. of Epidemiology (4/99 – 8/2010)

CARDIOVASCULAR EPIDEMIOLOGIST

DIRECTOR, NC CARDIOVASCULAR HEALTH DATA UNIT

North Carolina Dept. of Health and Human Services, Division of Public Health, Heart Disease and Stroke Prevention Branch (7/97-8/2010)

EPIDEMIC INTELLIGENCE SERVICE OFFICER

Centers for Disease Control and Prevention, Epidemiology Program Office, Division of Applied Public Health Training, State Branch. Duty station: North Carolina Department of Environment, Health and Natural Resources, Division of Health Promotion, Office of Epidemiology. (7/95 –6/97)

POST-DOCTORAL FELLOW

University of Pittsburgh, Graduate School of Public Health, Department of Human Genetics (1/94 – 6/95)

EPIDEMIOLOGY INSTRUCTOR

University of Pittsburgh, Graduate School of Public Health, Public Health Careers Opportunity Program (7/94 – 8/94)

GRADUATE STUDENT RESEARCHER

University of Pittsburgh, Graduate School of Public Health, Department of Human Genetics (9/93 – 12/93)

GRADUATE STUDENT RESEARCHER

University of Pittsburgh, Graduate School of Public Health, Department of Epidemiology (9/89 – 8/93)

HONORS

JANET L. REAVES INTEGRATION CHAMPION AWARD

Chronic Disease & Injury Section, N.C. Division of Public Health

Awarded December 2009 in recognition of outstanding leadership in the area of program integration to promote the public health of North Carolinians.

BLUE RIBBON BUSINESS PLAN AWARD

UNC Management Academy for Public Health

Member of team awarded blue ribbon for best business plan, 2005

DELTA OMEGA HONORARY PUBLIC HEALTH SOCIETY

Omicron Chapter, University of Pittsburgh

Elected Member, 1994-Present

MARGARET HOWARD FIELD STUDY AWARD

Hampshire College

Awardee, 1987

PROFESSIONAL SERVICE ACTIVITIES & ORGANIZATIONS

PREVENTING CHRONIC DISEASE

Editorial Board Member, 2010-Present

Manuscript Reviewer, 2010-Present

COUNCIL OF STATE & TERRITORIAL EPIDEMIOLOGISTS

Chronic Disease/MCH/Oral Health Committee Chair and Executive Board Member, 2008-2013

Consultant for Chronic Disease Epidemiology Capacity, 2003-2006

Chronic Disease/MCH/Oral Health Committee Member, 1999-present

SURVEILLANCE & EPIDEMIOLOGY WORKGROUP (TO THE ADVISORY COMMITTEE TO THE
DIRECTOR OF CDC)

Member, 2010-2012

MAINE PUBLIC HEALTH ASSOCIATION

Member, 2010-present

NATIONAL FORUM FOR HEART DISEASE & STROKE PREVENTION

Vice-Chair, Monitoring & Evaluation Implementation Group, 2008-2010

Monitoring & Evaluation Implementation Group Member, 2004-2010

CARDIOVASCULAR HEALTH COUNCIL, NATIONAL ASSOCIATION OF CHRONIC DISEASE DIRECTORS

Data Work Group Member, 2007-2010

HEALTH DATA COMMUNITY OF PRACTICE (NC CHRONIC DISEASE & INJURY SECTION)

Member, 2008-2010

EPIDEMIOLOGY & EVALUATION TEAM (NC DIVISION OF PUBLIC HEALTH)

Co-leader, 2001-2010

NC CHRONIC DISEASE & INJURY INTEGRATION DESIGN TEAM

Member, 2007-2008

CSTE/CDC APPLIED EPIDEMIOLOGY COMPETENCIES EXPERT PANEL

Member, 2004-2006

PUBLIC HEALTH ACTION PLAN TO PREVENT HEART DISEASE AND STROKE

Expert Panel on Monitoring, Evaluation, and Communication

Member, 2001-2002

AMERICAN JOURNAL OF PREVENTIVE MEDICINE

Manuscript Reviewer, 2005-2010

AMERICAN JOURNAL OF PUBLIC HEALTH

Manuscript Reviewer, 2005-2010

STROKE

Manuscript Reviewer, 2001-2010

AMERICAN PUBLIC HEALTH ASSOCIATION

Member, 1995-Present

AMERICAN HEART ASSOCIATION COUNCIL ON EPIDEMIOLOGY & PREVENTION

Member, 1999-2003, 2007-2010

PUBLICATIONS

Kini N, **Huston SL**. The Burden of Cardiovascular Disease in Maine, 2012. Augusta, ME: Cardiovascular Health Program, Maine Center for Disease Control and Prevention; 2012. <http://mainehearthealth.org/sites/default/files/Full%20CVD%20Burden%20Report%202-7-13.pdf>

Kini N, **Huston SL**. Diabetes Surveillance Report, Maine 2012. Augusta, ME: Diabetes Prevention and Control Program, Maine Center for Disease Control and Prevention; 2012. <http://www.maine.gov/dhhs/mecdc/population-health/dcp/documents/Diabetes%20Surveillance%20Report%202012.pdf>

DuBard CA, Schmid D, Bostrom S, Yow A, Viera AJ, **Huston SL**, Lawrence W. Management of cardiovascular risk in the usual care of Medicaid recipients. *Journal of Health Care for the Poor and Underserved*. 2011;22(3):772-790.

Nguyen QC, Waddell EN, Thomas JC, **Huston SL**, Kerkerb BD, Gwynn RC. Awareness, treatment, and control of hypertension and hypercholesterolemia among insured residents of New York City, 2004. *Preventing Chronic Disease*. 2011;8(5):A109. http://www.cdc.gov/pcd/issues/2011/sep/10_0205.htm.

Khan JA, Casper M, Asimos AW, Clarkson L, Enright D, Fehrs LJ, George M, Heidari K, **Huston SL**, Mettam LH, Williams GI, Schieb L, Greer S. Geographic and sociodemographic disparities in drive times to Joint Commission–certified primary stroke centers in North Carolina, South Carolina, and Georgia. *Preventing Chronic Disease*. 2011;8(4). http://www.cdc.gov/pcd/issues/2011/jul/10_0178.htm.

Downie DL, Schmid D, Plescia MG, **Huston SL**, Bostrom S, Yow A, Lawrence WW, Dubard CA. Racial disparities in blood pressure control and treatment differences in a Medicaid population, North Carolina, 2005-2006. *Preventing Chronic Disease*. 2011;8(3). http://www.cdc.gov/pcd/issues/may/10_0070.htm.

Asimos A, Enright D, **Huston SL**, Mettam LH. Drive-time proximity to Joint Commission Primary Stroke Centers among North Carolina residents who died of stroke. *North Carolina Medical Journal*. 2010;71(5):413-420.

Huston SL. The Burden of Cardiovascular Disease in North Carolina – July 2010. Raleigh, NC: N.C. Justus-Warren Heart Disease and Stroke Prevention Task Force; 2010.

Huston SL. The Burden of Cardiovascular Disease in North Carolina – June 2009. Raleigh, NC: N.C. Justus-Warren Heart Disease and Stroke Prevention Task Force; 2009.

The Tri-State Stroke Network Writing Group: Clarkson L, Enright D, Heidari K, Huang Y, **Huston SL**, Mettam L, Nguyen TT, Winkquist A. Impact of Stroke in the Southeast Region. Raleigh, NC: Tri-State Stroke Network, N.C. Division of Public Health; 2009.

Rose KM, Rosamond WD, **Huston SL**, Murphy CV, Tegeler CH. Predictors of time from hospital arrival to initial brain imaging among suspected stroke patients: the North Carolina Collaborative Stroke Registry. *Stroke*. 2008;39:3262-3267.

Huston SL. The Burden of Cardiovascular Disease in North Carolina – August 2008. Raleigh, NC: N.C. Justus-Warren Heart Disease and Stroke Prevention Task Force; 2008.

McGinn AP, Evenson KE, Herring AH, **Huston SL**, Rodriguez DA. The association of perceived and objectively measured crime with physical activity: a cross-sectional analysis. *Journal of*

Physical Activity and Health. 2008;5:117-131.

McGinn AP, Evenson KR, Herring AH, **Huston SL**. The relationship between leisure, walking, and transportation activity with the natural environment. *Health & Place*. 2007;13(3):588-602.

Siegel PZ, **Huston SL**, Powell KE, Baptiste MS, Tilson HH, Jacobellis J, Brownson RC. Assessment of chronic disease epidemiology workforce in state health departments – United States, 2003. *Preventing Chronic Disease [serial online]*. 2007 Jul;4(3):A76. Available from: http://www.cdc.gov/pcd/issues/2007/jul/06_0160.htm.

Asimos A, **Huston S**, Mettam L, Enright D. JCAHO Stroke Center Certification as a Strategy for a Statewide System of Acute Stroke Care in North Carolina. 2007 Society for Academic Emergency Medicine Meeting. *Academic Emergency Medicine*. 2007;14(5 suppl 1):S31 (abstract).

McGinn AP, Evenson KE, Herring AH, **Huston SL**, Rodriguez DA. Exploring associations between physical activity and perceived and objective measures of the built environment. *Journal of Urban Health*. 2007;84:162-84.

Rosamond WD, Rose KM, Murphy CV, **Huston SL**, Asimos A, Felix A, Goldstein L. Primary Stroke Center Certification: Does it make a difference? 2007 International Stroke Conference. *Stroke*. 2007;38:515 (abstract).

Blaney DD, Hallisey EJ, Zhou Y, **Huston SL**, Frankel MR. Stroke mortality is related to hospital readiness in a Stroke Belt state. 2007 International Stroke Conference. *Stroke*. 2007;38:573 (abstract).

Rose KM, Rosamond WD, **Huston SL**, Murphy CV, Tegeler CH. Predictors of time to initial brain imaging among patients in the North Carolina Collaborative Stroke Registry. 47th Annual Conference on Cardiovascular Disease Epidemiology and Prevention. *Circulation*. 2007;115:e260 (abstract).

Rosamond WD, Rose KM, Murphy CV, **Huston SL**, Asimos A, Felix A, Goldstein L. Primary Stroke Center Certification: Does it make a difference? 47th Annual Conference on Cardiovascular Disease Epidemiology and Prevention. *Circulation*. 2007;115:e261 (abstract).

Lucove J, **Huston SL**, Evenson KR. Workers' perceptions about worksite policies and environments and their association with leisure-time physical activity. *American Journal of Health Promotion*. 2007;21:196-200.

Goff DC, Brass L, Braun LT, Croft JB, Flesch JD, Fowkes FGR, Hong Y, Howard V, **Huston S**, Jencks SF, Luepker R, Manolio T, O'Donnell C, Robertson RM, Rosamond W, Rumsfeld J, Sidney S, Zheng ZJ. Essential features of a surveillance system to support the prevention and management of heart disease and stroke. A Scientific Statement from the American Heart Association Councils on Epidemiology and Prevention, Stroke, and Cardiovascular Nursing and the Interdisciplinary Working Groups on Quality of Care and Outcomes Research and Atherosclerotic Peripheral Vascular Disease. *Circulation*. 2007;115:127-155.

Huston SL. The Burden of Cardiovascular Disease in North Carolina, 2005. Raleigh, NC: N.C. Justus-Warren Heart Disease and Stroke Prevention Task Force; 2006.

McGinn AP, Evenson KR, Herring AH, **Huston SL**, Rodriguez DA. The association of perceived and objectively measured crime with physical activity. *Circulation*. 2006;113(8):e364 (abstract).

Evenson KR, Herring AH, **Huston SL**. Evaluating change in physical activity with the building of a multi-use trail. *American Journal of Preventive Medicine*. 2005;28(2S2):177-185.

Lucove J, Evenson KR, **Huston SL**. The association of worksite policy and environmental factors with physical activity. *Circulation*. 2005;111(14):e249-e250 (abstract).

Gizlice Z, **Huston SL**. Health risks and conditions among American Indians in North Carolina. SCHS Studies, No. 146. Raleigh, NC: State Center for Health Statistics, NC Division of Public Health; 2004.

Evenson KR, Savitz DA, **Huston SL**. Leisure-time physical activity among pregnant U.S. women. *Paediatric & Perinatal Epidemiology*. 2004;18:400-407.

Huston S, Gizlice Z. Cardiovascular disease risk factors among American Indian adults in North Carolina. *Preventive Medicine*. 2004;39(Supplement 1):S7 (abstract).

Puckett E, Rosamond W, **Huston S**, Brown T. The North Carolina Acute Stroke Registry: a story of collaboration. *Preventive Medicine*. 2004;39(Supplement 1):S50 (abstract).

Evenson KR, **Huston SL**, Wood JL, Bors P. Change in the prevalence of leisure activity with the number of activities recalled. *Medicine and Science in Sports and Exercise*. 2003;35(11):1882–1886.

Huston SL, Evenson KR, Bors P, Gizlice Z. Neighborhood environment, access to places for activity, and leisure-time physical activity in a diverse North Carolina population. *American Journal of Health Promotion*. 2003;18(1):58-69.

Evenson KR, **Huston SL**, McMillen BJ, Bors P, and Ward DS. Statewide prevalence and correlates of walking and bicycling to school. *Arch Ped Adolesc Med*. 2003;157:887-892.

Aytur SA, Evenson KR, **Huston SL**. 13-Year trends in leisure-time walking among North Carolina adults. *Medicine and Science in Sports and Exercise*. 2003;35(5 supplement):S69 (abstract).

Huston SL. The physician's role in helping patients to increase physical activity and improve eating habits. *Stroke*. 2002;33:565-571 (invited editorial comment).

Howard G, Howard VJ, Katholi C, Oli MK, **Huston SL**. The decline in stroke mortality: an analysis of temporal patterns by gender, ethnicity and geographic region. *Stroke*. 2001;32:2213-20.

Forrest KYZ, Bunker CH, Kriska AM, Ukoli FAM, **Huston SL**, Markovic N. Physical activity and cardiovascular risk factors in a developing population. *Medicine and Science in Sports and Exercise*. 2001;33:1598-604.

Evenson KR, Morris DL, Rosamond WD, Brice JH, **Huston SL**, Puckett EM. Letter to the editor: Addressing Healthy People 2010 objectives for stroke. *Stroke*. 2001;32(7):1692.

Huston SL, Buescher P. Coronary heart disease and stroke in North Carolina. *NCMJ*. 2001;62(5):291.

Huston SL. Assessing county-level cardiovascular health behaviors, environments, and policies through a telephone survey. *Preventive Medicine*. 2001;33:S6 (abstract).

Gizlice Z, Herrick H, Buescher P, **Huston SL**, Roth M, Scandlin D. Health Risks among North Carolina Adults: 1999. Raleigh, NC: NC Division of Public Health, State Center for Health Statistics; May 2001.

Huston SL, Lengerich EJ, Pratap SA, Puckett ET, eds. Unexplained Stroke Disparity: Report and Recommendations from Three Southeastern States. Raleigh, NC: NC Heart Disease and Stroke Prevention Task Force; May 2000.

Howard G, Howard VJ, Katholi C, Oli M, **Huston SL**. The decline in stroke mortality — an analysis of temporal patterns by gender, ethnicity and geographic region. In: Huston SL, Lengerich EJ, Pratap SA, Puckett ET, eds. Unexplained Stroke Disparity: Report and Recommendations from Three Southeastern States. Raleigh, NC: NC Heart Disease and Stroke Prevention Task Force; May 2000.

Huston SL. Stroke surveillance in North Carolina: history and direction. In: Huston SL, Lengerich EJ, Pratap SA, Puckett ET, eds. Unexplained Stroke Disparity: Report and Recommendations from Three Southeastern States. Raleigh, NC: NC Heart Disease and Stroke Prevention Task Force; May 2000.

Huston SL, Bunker CH, Ukoli FAM, Rautaharju PM, Kuller LH. Electrocardiographic left ventricular hypertrophy by five criteria among civil servants in Benin City, Nigeria: prevalence and correlates. *International Journal of Cardiology*, 1999;70(1):1-14.

Huston SL, Jones-Vessey K. Hospitalizations for cardiovascular disease in North Carolina, 1995-96. In: 1998 North Carolina Cardiovascular Disease Data Summit: Findings and Recommendations. Raleigh, NC: North Carolina Heart Disease and Stroke Prevention Task Force; December, 1998.

Huston SL, Lengerich EJ, Conlisk E, Passaro K, and the Cardiovascular Health Branch, Division of Adult and Community Health, National Center for Chronic Disease Prevention and Health Promotion, CDC. Trends in ischemic heart disease death rates for blacks and whites -- United States, 1981-1995. *MMWR* 1998;47:945-949.

Bell RA, **Huston SL**, Passaro K, Lengerich EJ. The impact of diabetes mellitus on cardiovascular disease in North Carolina. *North Carolina Medical Journal* 1998;59:222-226.

Huston SL, Dickinson C, Herman D, Conlisk E, Lengerich EJ. Completeness of female breast cancer case ascertainment by the North Carolina Central Cancer Registry. *Journal of Registry Management* 1998;25:56-59.

Huston SL, Adetunji Y, Lengerich EJ. The Burden of Cardiovascular Disease in North Carolina: Mortality, Cost, and Risk Factor Data. Raleigh, NC: North Carolina Heart Disease and Stroke Prevention Task Force; October, 1997.

Merriwether DA, **Huston SL**, Iyengar S, Hamman R, Norris JM, Shetterly SM, Kamboh MI, Ferrell RE. Mitochondrial versus nuclear admixture estimates demonstrate a past history of directional mating. *American Journal of Physical Anthropology*. 1997;102:153-159.

Yeh LLL, Kuller LH, Bunker CH, Ukoli FA, **Huston SL**, Terrell DF. The role of socioeconomic status and serum fatty acids in the relationship between intake of animal foods and cardiovascular risk factors. *Annals of Epidemiology* 1996;6:290-298.

Bunker CH, Ukoli FA, Okoro FI, Olomu AB, Kriska AM, **Huston SL**, Markovic N, Kuller LH. Correlates of serum lipids in a lean black population. *Atherosclerosis* 1996;123:215-225.

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.

Markovic N, Matthews KA, **Huston SL**, Egbagbe E, Ukoli FAM, Bunker CH. Blood pressure reactivity to stress varies by hypertensive status and sex in Nigerians. *American Journal of Epidemiology* 1995;142:1020-8.

Merriwether DA, **Huston SL**, Bunker CH, Ferrell RE. Origins and dispersal of the mitochondrial DNA region V 9-bp deletion and insertion in Nigeria and the Ivory Coast. *American Journal of Human Genetics* 1994;55:A158 (abstract).

Markovic N, Olomu IN, Bunker CH, **Huston SL**, Ukoli FAM, Kuller LH. Adequacy of a single visit for classification of hypertensive status in a Nigerian civil servant population. *International Journal of Epidemiology* 1994;23:723-729.

Huston SL. Factors Associated with Electrocardiographic Left Ventricular Mass Index and Left Ventricular Hypertrophy in Nigerian Civil Servants. Ph.D. Dissertation, University of Pittsburgh, December, 1993.