

Laura R. Loehr, MD, PhD, MS

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Epidemiology Branch
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EDUCATION

Doctor of Philosophy: University of North Carolina, 2003-2008, Epidemiology,
Dissertation: The association of overweight and obesity with incident heart failure,
Chair: Wayne Rosamond, PhD, Committee: Gerardo Heiss, PhD, Charles Poole, ScD,
Ann M. McNeill, PhD, and Patricia P. Chang, MD, MHS, August, 2008

Masters of Science: The Wake Forest University Graduate School of Arts and Sciences,
Clinical Epidemiology and Health Services Research, Advisor: David Herrington, MD,
MHS, May 2002

Medical Doctorate: Wake Forest University School of Medicine, May 1995

Bachelor of Arts Degree: Davidson College, Psychology, May 1988

LICENSURE

North Carolina Medical License No. 9700645
Current status is Active and Unrestricted

PROFESSIONAL EXPERIENCE

Postdoctoral Fellow September 2008 - present	Epidemiology National Institute of Environmental Health Sciences Mentor: Stephanie London, MD, DrPH
Clinical Assistant Professor September 2008 - present	Part-time Hospitalist University of North Carolina-Chapel Hill
NIH/NRSA Postdoctoral Fellow July 2003 – May 2007	Epidemiology, Cardiovascular Diseases Program University of North Carolina-Chapel Hill
Staff Physician September 2007 – August 2008	Part-time Hospitalist North Carolina Specialty Hospital Durham, NC

Clinical Assistant Professor

July 2002 – June 2003
Part-time

General Internal Medicine
Wake Forest University School of Medicine
Winston-Salem, NC

NIH/NRSA Fellow

July 2000 - June 2002

General Internal Medicine Fellowship
Wake Forest University School of Medicine

Staff Physician

July 1999 - June 2000

Ardsley Medical Clinic
Provided inpatient and outpatient care
Northeast Medical Center
Concord, North Carolina

Instructor

July 1998 - June 1999

Assistant Chief of Medicine (Chief Resident)
Wake Forest University School of Medicine

Resident

July 1996 - June 1998

Resident in Internal Medicine
Wake Forest University School of Medicine

Intern

July 1995 - June 1996

Intern in Internal Medicine
St. Louis University
St. Louis, MO 63110

HONORS

Nominated by the Department of Epidemiology for the 2009 Graduate Dean's Distinguished Dissertation Award, UNC-Chapel Hill

University of North Carolina Cardiovascular Disease training grant, 2003-2007

Finalist for the Jeremiah and Rose Stamler award, AHA epidemiology meeting, Honolulu, Hawaii, 2002

Fellow, 27th 10-day Seminar on the Epidemiology and Prevention of Cardiovascular Disease, Tahoe City, CA, 2001

NIH Fellowship for Medical Student Research, Bowman Gray School of Medicine, 1992

ACTIVITIES

Heart failure surveillance committee, the ARIC study, development of an abstraction form for the surveillance of hospitalized heart failure in the ARIC study and physician reviewer for the study, 2007- present

Reviewer for American Journal of Cardiology, 2007

Cardiovascular disease research seminar, UNC-CH, scheduling and introducing speakers, 2005-2006 academic year

Validation of coronary heart disease deaths in New York City. Chart review for the CDC funded by ORISE (Oak Ridge Institute for Science and Education).

Peer-led workshop, Peer leader, UNC-CH, Cardiovascular diseases program

Updated and edited the module for Deep Venous Thrombosis (DVT) for the Physicians Information and Education Resource, (PIER), 2001. Available at <http://pier.acponline.org/index.html>

Evidence-Based Medicine Workshop, McMaster University, 1998

Chief Resident's Workshop, American College of Physicians, San Diego, 1998

PUBLICATIONS AND PRESENTATIONS

Published articles

Loehr LR, Rosamond WD, Poole C, McNeill AM, Chang PP, Folsom AR, Chambless LE, Heiss G. The association of multiple anthropometrics of overweight and obesity with incident heart failure: the Atherosclerosis Risk in Communities (ARIC) study. Circulation: Heart Failure, (in press, January 2009).

Nettleton JA, Steffen LM, **Loehr LR**, Rosamond WD, Folsom AR. Incident Heart Failure is associated with lower whole-grain intake and greater high-fat dairy and egg intake in the Atherosclerosis Risk in Communities (ARIC) Study. Journal of the American Dietetic Association, 2008 Nov; 108 (11): 1881-1887.

Loehr LR, Rosamond WD, Chang PP, Folsom AR, Chambless LE. Heart failure incidence and survival (From the Atherosclerosis Risk in Communities [ARIC] study). American Journal of Cardiology, 2008;101 (7):1016-22.

Kottgen A, Russell SD, **Loehr LR**, Crainiceanu CM, Rosamond WD, Chang PP, Chambless LE, Coresh J. Reduced kidney function as a risk factor for incident heart failure: The Atherosclerosis Risk in Communities (ARIC) Study. Journal of the American Society of Nephrology, 2007; 18 (4): 1307-1315.

Loehr LR, Espeland MA, Sutton-Tyrrell K, Burke GL, Crouse JR 3rd, Herrington DM. Racial Differences in endothelial function in postmenopausal women. American Heart Journal, 2004 Oct; 148 (4): 606-11.

Loehr LR, Peacock JE. Case Studies in Adult Osteomyelitis. Hospital Physician Infectious Disease Board Review Manual, Volume 4 (Part 1), June 1998.

Wofford JL, **Loehr LR**, and Schwartz E. Acute Cognitive Impairment in Elderly ED patients: Etiologies and Outcomes. American Journal of Emergency Medicine, 14(7): 649-53, November 1996.

Published abstracts

Loehr LR, Rosamond WD, Chang PP, McNeill AM, Chambless LE, Folsom AR, Heiss G. Waist hip ratio as a predictor of incident hospitalized heart failure: The ARIC study. *Circulation*, 2007; 115 (8), E240. *AHA 45th Annual Meeting on Cardiovascular Disease Epidemiology and Prevention Abstract Book* [Poster for main meeting, and oral presentation for NHLBI trainee session]

Nettleton JA, Steffen LM, Chambless LE, **Loehr LR**, Rosamond WD, Folsom AR. Diet and heart failure risk in the Atherosclerosis Risk in Communities (ARIC) study. *American Journal of Epidemiology*, 2007; 165 (11): S130. [Poster]

Kottgen A, Crainiceanu CM, Russell SD, **Loehr LR**, Rosamond WD, Chang PP, Chambless LE, Coresh J. Estimated glomerular filtration rate and risk of incident heart failure: Dose response before and after modeling measurement error. *Circulation*, 2007; 115 (8): E272. [Poster]

Kottgen A, Russell SD, **Loehr LR**, Rosamond WD, Chang PP, Chambless LE, Coresh J. Reduced kidney function as a risk factor for incident heart failure: The Atherosclerosis Risk in Communities (ARIC) Study, *Circulation*, 114 (18), S857, 2006. [Poster]

Loehr LR, Rosamond WD, Chang PP, Sorlie PD, Folsom AP, Chambless L. Hospitalized heart failure incidence and survival. *Circulation*, 113 (8): E352, P205, Feb.28 2006. Poster (main meeting), and oral presentation (trainee session). *AHA 45th Annual Meeting on Cardiovascular Disease Epidemiology and Prevention Abstract Book*. [Poster for main meeting, and oral presentation for NHLBI trainee session]

Loehr LR, Goff DC, Carr JJ, D'Agostino RB, Jr., Stamm ER, Scherzinger AL, Rewers M, Wagenknecht, LE. A correlation of coronary calcium with abdominal aortic calcium measured by a single slice EBCT. *Circulation*, 109 (7): E121, P204, Feb. 24, 2004. San Francisco. *AHA 44th Annual Meeting on Cardiovascular Disease Epidemiology and Prevention Abstract Book*. [Poster]

Loehr LR, Kowalchuk G, Waters D, Herrington DM. Black-White Differences in Endothelial Function in Women with Coronary Disease. Oral presentation, *Abstracts from Scientific Sessions 2002*, Supplement to Circulation, 106 (19), S739, November, 5, 2002. [Oral]

Loehr LR, Herrington DM, Espeland M, Sutton-Tyrrell K, Burke G, Crouse JR. Black-White Differences in Endothelial Function in the Women of the Cardiovascular Health Study. Jeremiah and Rose Stamler award competition, Hawaii, April 2002. *AHA 43rd Annual Meeting on Cardiovascular Disease Epidemiology and Prevention Abstract Book*. [Competition involved presentation of a poster and a podium presentation with discussion]

Presentations

The Association of Maternal Physical Activity with Incident Asthma Among Offspring: the ALSPAC study, NIEHS, reproductive epidemiology seminar, December, 2008

The Association of Obesity and Overweight with Incident Heart Failure: the ARIC study, NIEHS, May, 2008

Waist Hip Ratio as a Predictor of Incident Hospitalized Heart Failure: The ARIC study, NHLBI trainee session, AHA epidemiology and prevention meeting, Orlando, 2006.

Hospitalized Heart Failure Incidence and Survival: The ARIC study, NHLBI trainee session, AHA epidemiology and prevention meeting, Phoenix, 2006

End of Life Care for Heart Failure Patients, Seminar in Cardiovascular Disease Research, UNC-Chapel Hill, 2005.

Black-White differences in Endothelial Function in MESA (the Multi-ethnic Study of Atherosclerosis), Seminar in Cardiovascular Disease Research, UNC-Chapel Hill, 2005.

Black-White Differences in Endothelial Function in Women with Coronary Disease, AHA Scientific Sessions 2002, November, 2002.

Black-White Differences in Endothelial Function in Postmenopausal Women, Cardiology Conference, Wake Forest University School of Medicine, September 2001.

Research in progress

Loehr LR, Rosamond WD, Poole C, McNeill AM, Chang PP, Deswal A, Folsom AR, Heiss G. The Potentially Modifiable Burden of Heart Failure due to Obesity: the Atherosclerosis Risk in Communities (ARIC) study. Submitted to the ARIC publications committee, planned submission to journal in January, 2009.

Smith NL*, Felix JF*, Morrison AC*, Demissie S, Glazer NL, **Loehr LR**, et al. The Association of Genome-Wide Genetic Variation with Incident Heart Failure in Adults of European and African ancestry: a prospective meta-analysis from the CHARGE consortium. Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE). Journal submission planned January, 2009.

Morrison AC, Smith NL, Ramachandran VS, Witteman JCM, **Loehr LR**, and many others from the CHARGE heart failure working group. Genomic Variation Associated with Mortality Among Heart Failure Patients of European and African ancestry: the CHARGE consortium. Journal submission planned in March, 2009.

Franceschini N, Loehr, LR and many others from CHARGE serum albumin working group. Genetic Variation Associated with Serum Albumin Levels Among Adults of European Ancestry: the CHARGE consortium. Analysis to begin in January, 2009.

London SJ, Hancock D, O'Donnell G, Schabath M, **Loehr LR**, and many others from the CHARGE pulmonary working group. Genetic Variation Associated with Pulmonary Function Among Adults of European Ancestry: the CHARGE consortium. Analysis to begin in February, 2009.

Loehr LR, Granell R, Tilling K, Ness A, Henderson J, London SJ. The Association of Maternal Physical Activity with Incident Asthma Among Offspring: the Avon Longitudinal Study of Parents and Children (ALSPAC), analysis to begin January, 2009.

Loehr LR, Rosamond WD, McNeill AM, Chang PP, Bertoni A, Folsom AR, Chambless LE, Heiss G. The Association of Diabetes and Insulin Resistance with Incident Heart Failure: the Atherosclerosis Risk in Communities (ARIC) study, abstract accepted for poster presentation at AHA cardiovascular disease epidemiology meeting, March, 2009.

Rose KM, Franceschini N, Bang H, **Loehr LR**, Pankow J, Sharrett AR. Orthostatic Hypotension in Middle Age and the Incidence of Diabetes: The Atherosclerosis Risk in Communities (ARIC) Study. Accepted for poster presentation at AHA cardiovascular disease epidemiology meeting, March, 2009.

Agarwal SK, **Loehr LR**, Shahar E, Kitzman DW, Wood JL, Heiss G. Lung Function and Incident Hospitalized Heart Failure. Dr. Agarwal has been nominated to compete for the Jeremiah and Rose Stamler award, AHA cardiovascular disease epidemiology meeting, March 2009.

TEACHING EXPERIENCE

Courses

Wake Forest University School of Medicine

Instructor Morning report, 1998-1999

Instructor Bedside diagnosis, 1998-1999, 2002-2003

Instructor Population epidemiology, 2002-2003

University of North Carolina at Chapel Hill

Teaching Assistant Principles of Epidemiology, 2004