

Curriculum Vitae
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October 2007

EDUCATION

Ph.D. in Epidemiologic Science, University of Michigan (Ann Arbor, MI) April 1995

Dissertation Committee Chair: Prof. Sherman James

M.P.H. General Epidemiology. Department of Epidemiology, School of Public Health,
University of Michigan (Ann Arbor, MI) 1990

B.S. Biology. Stanford University (Stanford, California) 1976

NORC Advanced Statistical Methods Training Sessions in Structural Equation Modeling & Hierarchical Data Modeling,
University of Chicago (Chicago, IL) Spring 1998

ICPSR Summer Program in Quantitative Methods, University of Michigan (Ann Arbor, MI) Summer 1991

Harvard Faculty of Arts & Sciences (Cambridge, MA) Spring 1986

Harvard Extension, Fall 1985 (courses in molecular biochemistry and embryology)

MEMBERSHIPS

American Public Health Association
Society for Epidemiologic Research

International Society for Urban Health
Community-Campus Partnerships for Health

DISSERTATION

A Causal Model of Chronic Socioeconomic Stress and Psychological Distress as Predictors of Obesity for Black and White Women in NHANES I, 1971-1975. Doctoral Dissertation, 1995.

THESIS

Black-White Differences in the Patterns of Risks Associated with Pre-term Births in the 1980 United States National Natality Survey. Master's Thesis, 1990

JOURNAL ARTICLES

Influenza Vaccine Effectiveness in Preventing Hospitalization for Pneumonia in the Non-Institutionalized Elderly. D Foster, A Talsma, A Furumoto-Dawson, S Ohmit, J Margulies, N Arden, A Monto. *Am J Epidemiology*, 1992; 136(3): 296-307

Influenza Vaccine Use Among an Elderly Population in a Community Intervention. S Ohmit, A Furumoto-Dawson, A Monto, N Fasano. *Am J Preventive Medicine*, 1995; 11:271-6

Preventing Mismanagement of Community-Acquired Pneumonia at an Urban Public Hospital - Implications for Institution-Specific Practice Guidelines. DN Schwartz, A Furumoto-Dawson, GS Itokazu, *et al. Chest*, 1998; 113(3):194S-198S.

Yield of Screening Colposcopy among Human Immunodeficiency Virus-Infected Women. LS Massad, A Furumoto-Dawson, PM Garcia, P Bitterman, BE Sha, M Cohen. *J Lower Genital Tract Dis* 1999; 3(3):185-190.

Primary care access decreases nonurgent hospital visits for indigent diabetics. Ansell D, Schiff R, Goldberg D, Furumoto-Dawson A, Dick S, Peterson C. *Journal of Health Care for the Poor and Underserved*, May 2002; 13(2): 171-83.

Hypertension in Women: The Women Take Heart Project. Furumoto-Dawson AA, Pandey DK, Elliott WJ, Mendes De Leon CF, Al-Hani AJ, Hollenberg S, Camba N, Wicklund R, Black HR. *J Clinical Hypertension*, Jan-Feb 2003; 5(1):38-46

Mailings timed to patients' appointments: A controlled trial of fecal occult blood test cards. D Goldberg, G Schiff, R McNutt, A Furumoto-Dawson, M Hammerman, A Hoffman. *Am J Prev Med* 2004; 26(5): 431-435

Early Life Conditions and Mechanisms of Population Health Vulnerabilities. A Furumoto-Dawson, D Sohmer, T Sacks, S Gehlert, O Olopade. *Health Affairs* 2007; 26(5): 1238-1248

Advancing the Science of Health Disparities Research. Nancy T. Artinian, Richard B. Warnecke, Kimberly M. Kelly, Janet Weiner, Nicole Lurie, John M. Flack, Josiemer Mattei, Karl Eschbach, Judith A. Long, Alice Furumoto-Dawson, Janet R. Hankin, Cecilia DeGraffinreid. [accepted for publication] *Ethnicity & Disease* 2007

Spatial spread of tuberculosis through neighborhoods segregated by socioeconomic position: a stochastic automata model. David Rehkopf, Alice Furumoto-Dawson, Anthony Kiszewski, Tamara Awerbuch-Friedlander [submitted] 2007

SELECTED CONFERENCE PRESENTATIONS

University of Michigan, Center for Afroamerican and African Studies Second Annual Graduate Student Multidisciplinary Conference, Feb. 1992. "Race or Racism: Racial Genetics in Biomedical Research on the Causes of Non-Insulin Dependent Diabetes Mellitus."

American Association of Family Physicians, Oct. 1993 "Hypertension and Hyperglycemia in Women: The Women Take Heart Project." A Al-Hani, A Furumoto-Dawson, C Sangkam, *et al.* Invited conference paper.

American Public Health Association Annual Meeting, Oct. 1993

"Predictors of Influenza Vaccination Among the Elderly." A Furumoto-Dawson, S Ohmit, A Monto.

"Cardiovascular Risk Factors and Coronary Artery Disease Screening Results in Women: The Women Take Heart Project." A Furumoto-Dawson, A Al-Hani, C Sangkam, *et al.*

Reframing Women's Health: An Intensive Summer Institute. The Center for Research on Women and Gender, University of Illinois at Chicago, July 1994. "Disturbing Findings about the Demographic Correlates of Women's Smoking." A Furumoto-Dawson, A Al-Hani.

Joint XIIth World Congress of Cardiology and XVIth Congress of the European Society of Cardiology. Sep. 1994

"Accuracy of Physician Decision to Obtain Cardiac Imaging during Stress Treadmill Testing of a General Population of Women." AJ Al-Hani, AS Iskandrian, A Furumoto-Dawson, *et al.*

"Women Who Smoke and their Serum Lipid Profile: The Women Take Heart Project." A Al-Hani, W Castelli, A Furumoto-Dawson, R Cerceo

American Public Health Association Annual Meeting, Nov. 1996

"Structural Equation Modeling of Chronic Socioeconomic Stress & Psychological Distress as Predictors of Obesity for Black & White Women in NHANES I." A Furumoto-Dawson

"How Race Structures the Meaning of Marriage, Work & Retirement for Black & White Women-Their Relationship to Well-Being & Health Behaviors in NHANES I." A Furumoto-Dawson

National Conference on Women and HIV, May 1997. "Identifying & Treating Mental Health Problems in Women with HIV: Lessons from a Women-Centered Program." M Cohen, A Furumoto-Dawson, R Kosby, *et al.*

Infectious Diseases Society of America, Nov. 1998. "Guidelines for the Empirical Use of Vancomycin: Accuracy, Safety and Effects on Vancomycin Prescribing." DN Schwartz, M Wisniewski, H Aggarwal, A Furumoto-Dawson, *et al.*

Association for Health Services Research, June 1999. "Assessing Health Education Efforts for English vs. Spanish-Speaking Patients at a Public HIV Clinic." I Irlanda, A Furumoto-Dawson, D Barker, *et al.*

Society for General Internal Medicine, Midwest Regional Meeting, Sep. 1999. "Verbal Versus Numeric Discussions of Risks and Benefits for Hormone Replacement Therapy: Can We Inform without Numbers?" A Furumoto-Dawson, J Smith, K Das, *et al.*

American Public Health Association 129th Annual Meeting, Oct. 2001. "SF-12 quality of life indicators and their relationship to self-reported preventive medicine health measures uptake in a public hospital's general medicine clinic." A Furumoto-Dawson, D Goldberg, GD Schiff, RA McNutt.

American Public Health Association 130th Annual Meeting, Nov. 2002. "Teaching Medicine Residents About Food" and "Stages-of-change applied to diet: A path for liberation?" I Martinez, A Furumoto-Dawson, H Husein, DN Goldberg.

International Society for Urban Health, Second International Conference on Urban Health, Oct. 2003
“Cellular automaton modeling of tuberculosis spatial spread structured by neighborhood characteristics.” D
Rehkopf, A Furumoto-Dawson, A Kiszewski, T Awerbuch (manuscript submitted)

International Society for Urban Health, Third International Conference on Urban Health, Oct. 2004 (oral presentation)
“What’s Race Got to Do with It? - Urban Sprawl, Sick Cities, Unsustainable Development: The Racial Political
Economy of Urban Health and the Built Environment in America.” A Furumoto-Dawson

American Public Health Association 134th Annual Meeting, Nov. 2006 (oral presentation)
"From Social Environments in Women's Neighborhoods to the Impact of Psychosocial Stress on Genomic
Expression – A Multi-Level Approach to the Human Biology of African-American Health Disparities in Breast
Cancer." A Furumoto-Dawson, SJ Gehlert, C Masi, S Conzen, MK McClintock, O Olopade.

American Public Health Association 135th Annual Meeting, Nov. 2007 (oral presentation)
“Measuring the social environment: Individuals, neighborhoods and communities in health disparities research”
A Furumoto-Dawson, DC Cao, C Mininger, SJ Gehlert.

RESEARCH EXPERIENCE

Senior Research Associate, Center for Interdisciplinary Health Disparities Research, Institute for Mind and Biology,
University of Chicago, Chicago, IL. Prof., Director & Deputy Dean for Research (Social Services Administration) Sarah
Gehlert. July 2005 to present.

Research Associate, Department of Society, Human Development & Health (formerly Department of Health & Social
Behavior), Harvard School of Public Health, Boston, MA. Prof. & Chair Lisa Berkman. July 2002 to June 2005.

Senior Research Professional in the Health Studies Department, Biological Sciences Division, University of Chicago,
Chicago, IL. Prof. & Chair Ronald Thisted. October 2000 to June 2002.

Cooperative appointments:

- Assistant Professor in the Dept. of Internal Medicine, Rush Medical College, Chicago, IL. Dr. Stuart Levine (primary
appointment) April 1995 to June 2002. Conjoint appointment in Dept. of Preventive Medicine, Rush Medical College,
Drs. Henry Black and Lynda Powell. July 2001 to June 2002.
- Research Associate (Health Services & Clinical Epidemiologic Research) in the Division of General Medicine &
Primary Care (Section of Preventive Medicine), Department of Medicine, Cook County Hospital (CCH), Drs. Avery
Hart, David Goldberg, Arthur Hoffman, Mardge Cohen (CCH). April 1995 to June 2002.
- Chair, Research Committee, Medical Informatics Section, joint Rush-CCH Depts. of Medicine (Dr. John Brill). 1998-
2002. Organizer of Medical Informatics Section's Research Seminars series, April 2000 to July 2001.

Research Associate (Epidemiologist) for the “Women Take Heart” Study, hospital-based, community study of coronary
artery disease and cardiovascular risk factors in women, St. James Hospital & Health Centers, Chicago Heights, IL. (Dr.
Al-Hani). October 1992 to November 1994, continuing consultation through February 1995. Study re-opened by Rush
Univ., Dept. of Preventive Medicine, rejoined research team 1999 to 2002.

Graduate Student Research Assistant, Survey Research Center, Institute for Social Research, University of Michigan, Ann
Arbor MI. Extensions of work in hypertension, stress (John Henryism) and other psychosocial risks in African-Americans
(Pitt County study). Prof. Sherman James, Fall 1990 to May 1992.

Research Assistant, Influenza Vaccine Efficacy in the Elderly (HCFA, Centers for Disease Control, Michigan State Public
Health Department), Department of Epidemiology, University of Michigan, Ann Arbor MI. Prof. Arnold Monto, Spring
1990 to Fall 1992, continuing consultation through 1994.

ADDITIONAL FUNDED RESEARCH & DEVELOPMENT

Ambulatory Care Integration Project, Chicago Community Trust, “Access to Primary Care for Patients with Diabetes at an
Urban Public Hospital Walk-in Clinic” (Dr. D. Ansell). 1995

Women’s Interagency HIV Study, Chicago Consortium participant and national Epi/Stat Working Group member (Dr. M.
Cohen, *et al.*). 1995 to 2002

Avon Breast Health Access Fund, "An Interpersonal Strategy for Breast Cancer Early Detection in a Public Outpatient Setting" to Hektoen Institute for Medical Research, conducted in the Breast Cancer Detection Program, CCH (Dr. J. Bressler). 1996

Susan G. Komen Foundation, "An Interpersonal Approach to Breast Cancer Screening in a Public Hospital Walk-In Clinic" to Hektoen Institute for Medical Research, conducted in the Breast Cancer Detection Program, CCH (Dr. K. Ford). 1997 to 1998

National Library of Medicine (NIH), "Internet Connection for Health Institutions" to Cook County Hospital and Rush University. (Project Mgr: K. Lane). One year project grant awarded October 1999. Working group co-leader for joint Rush University-Cook County Hospital medical informatics project, 1997 to 2002.

Rush University-Cook County Hospital Collaborative Research Award, "Mindfulness Based Stress Reduction and Cardiac Risk Reduction Feasibility Study," (PI: Dr. A. Hoffman, Cook County Hospital). 1999 to 2000

Centers for Disease Control & Prevention, "Mother Infant Rapid Intervention at Delivery (MIRIAD)," to CORE Center (PI: Dr. M. Cohen). 1999 to 2002

SWAN (Studying Women Across the Nation) multi-site study of women's aging and menopause and WISH (Women in the SouthSide), local Chicago component of SWAN at Rush (PI: Prof. L. Powell). 2000-2002.

State of Illinois DOT Pediatrics Primary Care Child Car Seat Safety Inspection Project. (PI: Dr. K. Quinlan). Chicago Doula Project database developer. (PI: Dr. S. Hans). University of Chicago, 2001-2002.

TEACHING AND OTHER RELEVANT EXPERIENCE AND SERVICE

Core Faculty for the Joint General Internal Medicine Fellowship Program (Clinical Preventive Medicine & Health Services Research Tracks), Cook County Hospital and Rush Medical College (Dr. Hoffman). Journal club. 1996 to 2002.

Project analyst and database developer for General Medicine Clinic Improvement Project, Cook County Hospital (Drs. Goldberg, Schiff, McNutt). 1999 to 2002.

CCH Preventive Medicine Task Force member, Preventive Medicine rotations and Primary Care resident training in clinical research study design, consultation on faculty and resident research projects (Drs. Francis, Goldberg & Hoffman), 1995 to present. Consult on residents' research projects at University of Chicago Health Studies Dept., 2000-02.

Working group co-leader for joint Rush University-Cook County Hospital grant project, NLM-NIH "Internet Connection for Health Institutions" 1997 to present. Project grant awarded October 1999. Currently developing combined institutions' Primary Care Residency Program's medical informatics training curriculum for Fall 2000.

Reviewer for Global Health Network, "Supercourse: Epidemiology, the Internet and Global Health," Internet lectures meta-library, Graduate School of Public Health, University of Pittsburgh. 1998-present. <http://www.pitt.edu/~super1/>

"Health of the Public" Rush Medical College course section, Dept. of Preventive Medicine (Prof. Powell), 1998

Geriatric Assessment Team patient assessments database development, Cook County Hospital (Dr. Perrin) 1995 to 1996

Breast Cancer Screening Program (BCSP) ten year program trends and evaluation, follow-up rates, and analysis of abnormal mammogram screening results, Cook County Hospital (Drs. Ansell, Bressler & Ford) 1996-1997. Presented at the Rush University Forum for Research and Clinical Investigation, 1997.

Analyses of multi-ethnic adolescent HIV and STD infection risk behaviors, health education and knowledge, psychosocial factors, and perceptions of personal risk survey data, Cook County Hospital (Drs. Watson and J Martinez) 1995-1997

Graduate Student Teaching Assistant for Epidemiology 735 Design and Analysis of Sample Surveys, (PC-SUDAAN). Univ. of Michigan, Graduate Summer Session in Epidemiology, 1992

Admin. Assistant, Prof. Jain, University of Michigan, Dept. EECS, Computer Vision Lab/Artificial Intelligence Lab, Ann Arbor MI, 1986-1989

Admin. Assistant/Lab Manager, Prof. Strominger (human immunogenetics), Harvard University, Dept. Biochem. & Biophysics, Cambridge, MA, 1982-1986

Biological Research & Development Database Manager, Cetus Corporation (biotechnology firm), Berkeley CA, 1981-1982