

Amy C. Alman

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CURRICULUM VITAE

Education

Ph.D., Epidemiology (Aug 2010)

University of Colorado Denver, Colorado School of Public Health, Aurora CO

Dissertation: "The Association Between Periodontal Disease and Cardiovascular Disease"

Mentor: John Hokanson, PhD

MS, Public Health (Dec 2002)

University of Colorado Health Sciences Center, Denver CO

Thesis: "Intra-uterine and post-natal exposure to ionizing irradiation and childhood acute leukemia"

Mentor: A. James Ruttenber, MD, PhD

BS (Dec 1997)

University of Colorado at Denver, Denver CO

Major: Biology

Professional Positions

2012-: **Assistant Professor** - Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Tampa FL

2011-2012: **Instructor** - Department of Epidemiology, Colorado School of Public Health, Aurora CO

Post-Doctoral Fellow – American Diabetes Association-Takeda Fellowship, Barbara Davis Center, Aurora CO

2009-2011: **Professional Research Assistant**

Amendment 35 Program Evaluation Group, University of Colorado Cancer Center, Aurora CO

- Statistical analysis of survey data using a variety of statistical techniques in SAS and SUDAAN, manuscript preparation, report production, and grant proposal development

2003-2009: **IT Professional II**

Colorado Responds to Children with Special Needs (CRCSN), Colorado Department of Public Health and Environment, Denver CO

- Systems analyst for Colorado state birth defects registry responsible for managing multiple complex relational database systems, managing disease surveillance reports, and application development

2001-2003: **Senior Professional Research Assistant**

Department of Preventive Medicine, University of Colorado Health Sciences Center, Denver CO

- Project coordinator for a medical screening program for occupational diseases and other epidemiologic projects responsible for ensuring completion of project tasks, maintaining budgets, assistance with grant preparation, analyzing epidemiologic data using SAS, and collaboration and liaison with multi-state project coordinators and funding agencies (Centers for Disease Control and the Department of Energy)

1997-2001: **Professional Research Assistant**

Department of Preventive Medicine, University of Colorado Health Sciences Center, Denver CO

- Recruitment coordinator for an epidemiologic case-control study of childhood acute leukemia and involvement in other environmental and occupational health epidemiologic projects

Peer-Reviewed Publications

Alman AC, Kinney GL, Tracy RP, Maahs DM, Hokanson JE, Rewers MJ, Snell-Bergeon JK. Prospective association between inflammatory markers and progression of coronary artery calcification in adults with and without type 1 diabetes. *Diabetes Care* 2013 [epub ahead of print].

Alman AC, Johnson LR, Calverley DC, Grunwald G, Lezotte DC, Forster-Harwood J, Hokanson JE. Loss of Alveolar Bone Due to Periodontal Disease Exhibits a Threshold on the Association with Coronary Heart Disease. *Journal of Periodontology* 2011;82(9):1304-13

Alman AC, Johnson LR, Calverley DC, Grunwald GK, Lezotte DC, Hokanson JE. Diagnostic capabilities of fractal dimension and mandibular cortical width to identify men and women with decreased bone mineral density. *Osteoporosis International* 2012; 23(5):1631-1636

Taylor M, **Alman A**, Manchester D. Use of the Internet by Patients and Their Families to Obtain Genetics-Related Information. *Mayo Clinical Proceedings* 2001;76(8):772-776

Abstracts and Presentations

Alman A, Talton J, D'Agostino Jr R, Mayer-Davis E, Dolan L, Urbina E, Marcovina S, Wadwa RP, Daniels S, Hamman R, Dabelea D. Cardiovascular Health in Adolescents with Type 1 Diabetes: The SEARCH CVD Study. *Circulation* 2013;127(Suppl):P438. Poster presented at the American Heart Association Epi/NPAM Conference in New Orleans, March, 2013

Alman A, Talton J, Wadwa RP, Urbina E, Dolan L, Hamman R, D'Agostino Jr R, Marcovina S, Dabelea D. Lack of association between inflammatory markers and progression of arterial stiffness in youth with type 1 diabetes: The SEARCH CVD Study. *Diabetes* 2012;61(suppl 1): A372. Poster presented at the American Diabetes Association 72nd Scientific Sessions in Philadelphia, June, 2012.

Alman A, Maahs D, Rewers M, Snell-Bergeon J. The Association Between Ideal Cardiovascular Health and Coronary Artery Calcification in Adults With and Without Type 1 Diabetes. *Diabetes* 2012;61(suppl 1):A106. Poster presented at the American Diabetes Association 72nd Scientific Sessions in Philadelphia, June, 2012.

Tsai TT, Ho PM, Fazel R, Nallamothu BK, **Alman AC**, Pointer L, Maddox TM, Rumsfeld JS. Determinants of Fluoroscopy Time in Veterans Presenting to the Cardiac Catheterization Laboratory: Insights from the National VA Clinical Assessment, Reporting and Tracking (CART) Program. Poster presented at the Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke 2012 Scientific Sessions, Atlanta, May, 2012.

Alman AC, Hokanson JE, Johnson LR, Krantz MJ, Eckel RH, Kinney GL, Rewers MJ, Snell-Bergeon, JK. Duration of Periodontal Disease Is Associated With Progression Of Coronary Artery Calcification In Type 1 Diabetes. *Circulation* 2011;124:A16172. Poster presented at the AHA Scientific Sessions in Orlando, November, 2011.

Alman A, Johnson LR. The Use of Craniofacial Imaging as a Tool for the Epidemiologic Investigation of the Oral-Systemic Connection. Invited oral presentation for the Engaging Communities in Education and Research Conference, Vail, CO, September 23-25, 2011

Alman A, Johnson LR. The Use of Craniofacial Imaging as a Tool for the Epidemiologic Investigation of the Oral-Systemic Connection: Loss of Alveolar Bone Due to Periodontal Disease Exhibits a Threshold on the Association with Coronary Heart Disease. Presentation for the School of Dental Medicine Grand Rounds, University of Colorado Denver, Aurora, CO, May 19, 2011

Alman A, Ruttenber J. Exposure Misclassification Modifies Estimates of Risk for Childhood Leukemia from Radiological Procedures. Presentation at the 21st Annual Epidemiological Research Exchange, University of Colorado Health Sciences Center, Denver, CO, February 7, 2003

Schonbeck M., Kaparich K., **Alman A.**, Ruttenber J. Kids at Play Health Survey: Preliminary Results. Presentation at the 21st Annual Epidemiological Research Exchange, University of Colorado Health Sciences Center, Denver, CO, February 7, 2003

Koshak M., James K., Kaparich K., **Alman A.**, Ruttenber J. A GIS for the Kids at Play Health Survey. Poster presentation at the 21st Annual Epidemiological Research Exchange, University of Colorado Health Sciences Center, Denver, CO, February 7, 2003

Alman A., Ruttenber, J., Lawler-Heavner, J., Hopewell, E., McClure, D. Ionizing Radiation Exposure and Childhood Acute Leukemia. Poster presentation at Nineteenth Annual Epidemiological Research Exchange, University of Colorado Health Sciences Center, Denver, CO, December 1, 2000

Taylor M., **Alman A.**, Manchester, D. Surfing the Web for Genetic Information: Patient Utilization of the Internet as an Informational Source in a General Genetics Setting. Poster Presentation at the 50th Annual Meeting of the American Society of Human Genetics, Philadelphia, PA, October 3-7, 2000

Courses Taught

PHC 6190 – Public Health Database Management; Instructor, Spring 2013
DSAD 5502 – Drawing Conclusions from the Literature; Co-Instructor, Fall 2011

Manuscripts Reviewed

Journal of Periodontology
American Journal of Medical Sciences
Diabetes Care
Cardiovascular Diabetology
Diabetes Technology and Therapeutics

Awards

2007 Colorado Public Health Associations Award for Technical Innovation in Public Health
2003 Epidemiology Training Fellowship
1999 Public Health Traineeship

Professional Affiliations

American Heart Association, Council on Epidemiology and Prevention
American Public Health Association
Society for Epidemiologic Research
American Diabetes Association
International Society for Infectious Diseases

Research Support

Ongoing Research Support

Early Career Investigator Award Alman (PI) 9/1/2012-8/31/2013
College of Public Health, University of South Florida
"Measurement of inflammation in the saliva as a biomarker for the prediction, progression, and glycemic control of type 1 diabetes"

PO FLA PPG1354130 & PO FLA PPG1349163 Levinson (PI) 2/1/2013-7/1/2013
Colorado Department of Public Health and Environment
"Amendment 35 Program Evaluation Group"
Role: Principal Investigator, USF site

Completed Research Support

07-09-CVD-06 Rewers (PI) 7/1/2011-1/16/2012
American Diabetes Association
Accelerated cardiovascular disease in type 1 diabetes
The goal of this project is to train the fellow in the area of cardiovascular disease research in patients with diabetes.
Role: Fellow

CDPHE, FLA11-17088 Levinson (PI) 7/1/2010-12/31/2011
Colorado Amendment 35 Program Evaluation Group
This project will design evaluation of Colorado QuitLine participants that assess participant satisfaction and quit outcomes with special attention to the general population, pregnant/post-partum women and the Medicaid population.

CDPHE, FLA08-00233 Levinson (PI) 7/1/2007-6/30/2011
Colorado Amendment 35 Program Evaluation Group
This project designs and implements population surveillance studies and evaluations of tobacco control and chronic disease prevention programs funded by tobacco tax revenues.

PO FHA ENV0200080 Rutenber (PI) 10/1/01 – 9/31/03
Agency for Toxic Substances and Disease Registry; subcontract with Colorado Dept of Public Health and Environment
Assessment of Exposures to Soil Arsenic and Lead in Pre-School Children
Census of 2,000 pre-school children and survey of soil-contact activity and analysis of biologic samples among residents of an urban neighborhood.
Role: Programmer

DE FC03 96SF21259 Rutenber(PI) 9/1/96 – 8/31/03
Department of Energy

