

CURRICULUM VITAE
Elizabeth D. Nobmann

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EDUCATION:

PhD, Human Nutrition, University of Alaska Fairbanks, 1996
MPH, Public Health Nutrition, University of California, Berkeley, 1969
Dietetic Internship, Yale-New Haven Hospital, New Haven, Connecticut, 1966
BS, Food Service & Housing Administration, The Pennsylvania State University,
State College, Pennsylvania, 1965

PRESENT POSITIONS:

Nutrition Consultant, dba EDN Nutrition Consulting
Partner, IDM Consulting, Specializing in Human Health Risk Assessment Research
Registered Dietitian, American Dietetic Association #229693
Licensed Nutritionist, State of Alaska #1

CURRENT PROJECTS:

Consultant and grant writer, Helping Ourselves to Health (HOTH), Alaska Native
Tribal Health Consortium 2007 - present

Consultant, Genetics of Coronary Artery Disease in Alaskan Natives
(GOCADAN) 2000-present

Associate Editor, International Journal of Circumpolar Health, 2004- present

PROFESSIONAL EXPERIENCE:

Chief, Area Nutrition Services, Alaska Area Native Health Service,
Indian Health Service, 1976-1996

Assistant Clinical Professor, School of Public Health, University of Hawaii,
Honolulu, Hawaii, 1983 - 1996

Instructor, part-time, Anchorage Community College, 1975 – 1976

Public Health Nutritionist, Santa Clara County Department of Public Health,
San Jose, California, 1974

Nutrition Consultant, Bureau of Maternal & Child Health California Department of
Health, Sacramento, California, 1972 - 1973

Research Nutritionist, School of Public Health, University of California, Berkeley,
1969 - 1972

Public Health Nutritionist, Connecticut State Department of Public Health,
Hartford, Connecticut, 1966 - 1968

PREVIOUS PROFESSIONAL ACTIVITIES:

Consultant and grant writer, Alaska Native Dietary and Subsistence Food
Assessment Project (ANDSFAP), Native American Research Centers for Health
(NARCH), for Alaska Native Tribal Health Consortium 2000 - 2007

Conducted Needs Assessment, "Post Secondary Nutrition Education Needs in
Alaska, University of Alaska, 2005.

Wrote Course, "Survey of Alaska Native Nutrition" DN 155 University of Alaska
2005

Consultant and grant writer, Alaska Traditional Diet Project, Alaska Native Health
Board, 2001-2003

Board Member, American Society for Circumpolar Health, 1999 - 2008

Consultant, University of Alaska's NIH-funded project, Diabetes Prevention Study
in Yupik Eskimos, 1992 -1996

Project Director, Conference Support Grant # R13/CCRO18563-1, from Centers
for Disease Control and Prevention (CDC). Eleventh International Congress on
Circumpolar Health: Partial Support, 2000.

Principal Investigator, Assessment of Current Dietary Practices of Alaska Native
Adults 1987 - 1988, Phase I; Alaska Native Food Analysis, 1990, Phase II.

President, Alaska Public Health Association, 1988 - 1989, Board Member 1980 -
1983, 1987 - 1990

Continuing Education Project Grant Director, Vital Concepts for Public Health
Professionals, for Alaska Public Health Association, 1983 - 1984

Nutrition Section Chairman, Sixth International Circumpolar Health Congress,
Anchorage, Alaska, May 1984; Co-Chairman, Tenth Congress, Anchorage, May
1996

Chairman, Alaska State Nutrition Committee, 1980 - 1982

Director West, Society for Nutrition Education, 1975 - 1978

President, Alaska Dietetic Association, 1977 - 1979, 1985 - 1986

Member, Alaska State Advisory Committee on Nutrition Education Training Program, 1979 - 1987

Member, State Advisory Committee on Child Nutrition, California, 1974

Member, American Public Health Association, 1969 - 2005

AWARDS:

Service Recognition Award, Indian Health Service, 1996

Indian Health Service Director's Award for Excellence, 1993

Outstanding Dietitian Award, Alaska Dietetic Association, 1987

Annual Service Award, Alaska Public Health Association, 1984

Holder of private pilot's license for single engine land aircraft, 1973-present

PRESENTATIONS:

Dietary Survey. Interview for DVD, Alaska Native Diet: Assessing the Benefits and Risks of Diet in Rural Alaska. Aleutian Pribilof Islands Association, Inc. 2007, Anchorage, AK.

Dietary Data from Alaska. Presenter, Workshop Participant. Research with Arctic Peoples: Unique Research Opportunities in Heart, Lung, Blood and Sleep (HLBS) Disorders, NHLBI and the Canadian Institutes of Health Research July 28-29, 2004, Bethesda, MD.

Nutritional State of the State, Panelist, Alaska Obesity Summit, April 23-24, 2003, Anchorage.

Dietary Intake Among Alaska Native Women Living in Anchorage Alaska, Elizabeth D. Nobmann and Anne P. Lanier, Eleventh International Congress on Circumpolar Health, June 5, 2000, Harstad, Norway.

Bridging the Gap: Children's Health Issues, Video presentation for Alaska Department of Education and Early Childhood Development, September 2000 Juneau.

Benefits of Subsistence Foods, Conference on Environmental Pollutants and Disease in Alaska Natives, Alaska Native Epidemiology Center Advisory Council, October 28, 1998, Anchorage, AK.

Traditional Foods in Alaska: Nutritional Benefits and Risks in Perspective, Co-presenter, US Fish and Wildlife Service, April 25, 1997, Anchorage, AK.

Diet among Alaska Native Peoples: Implications for Cardiovascular Disease, Anemia and Other Chronic Diseases, October 23, 1996, McGill University Ste-

Anne-de-Bellevue, QC, Canada.

Intake of Indigenous Foods by Alaska Natives, Arctic Science Conference, September 20, 1996 Girdwood, AK.

Intake of Fats among Siberian Yupiks of Gambell, Alaska Compared with Recommendations to Prevent Cardiovascular Disease, Nobmann ED, Ebbesson SOE, Schraer CD, Tenth International Congress on Circumpolar Health, May 21, 1996, Anchorage, AK.

The Positive Power of Food, 1995 Indian Health Service Mental Health/ Social Service Training Conference, July, 1995 Sacramento, CA.

Expansion of a Nutrient Database for Native Alaskan Foods, Schakel S, Nobmann ED, Pickering B, Buzzard IM, National Nutrient Data Conference, Poster Session, May 1993, Baton Rouge, LA.

Alaska Update: Traditional Food Use, Canadian Home Economics Association, May 19, 1990, Whitehorse, Yukon.

Alaska Native Foods and Nutrition Concerns, Information Exchange with Siberian Nutrition Researchers, May 24, 1988, Novosibirsk, Siberia.

Dietary Factors Contributing to Iron Deficiency among Bristol Bay Area Alaska Eskimo Children, Sixth International Symposium on Circumpolar Health, May 1984, Anchorage, AK.

Health and Nutrition Knowledge, Attitudes and Practices of Southwest Alaskan Eskimo Adolescents, Fifth International Circumpolar Health Congress, August 10, 1981, Copenhagen, Denmark. Published in Circumpolar Health 81 Proceedings of 5th International Symposium on Circumpolar Health, Eds. Bent Harvold and J. P. Hart Hansen, Nordic Council for Arctic Medical Research Report Series 33.

Anthropometric Measurements of Preschool Children, Obesity and Leanness Study, Western Hemisphere Nutrition Congress III, August 30, 1974, Miami, FL.

PUBLICATIONS:

Ebbesson SOE, Tejero MT, Nobmann ED, Lopez-Alvarenga JC, Ebbesson L, Romenesko T, Carter EA, Resnick HE, Devereux RB, MacCluer JM, Dyke B, Laston SL, Wenger CR, Fabsitz RR, Comuzzie AG, Howard BV. Fatty Acid Consumption and Metabolic Syndrome Components: The GOCADAN Study. *J Cardiometab Syndr* 2:244-249, 2007.

Ebbesson SOE, Roman MJ, Devereux RB, Kaufman D, Fabsitz RR, MacCluer JM, Dyke B, Laston S, Wenger CR, Comuzzie AG, Romenesko T, Ebbesson

LOE, Nobmann ED, Howard BV Consumption of Omega-3 Fatty Acids Is Not Associated with a Reduction in Carotid Atherosclerosis: The Genetics of Coronary Artery Disease In Alaska Natives Study. *Atherosclerosis* Dec 3, 2007 Epub

Ballew C, Tzilkowski AR, Hamrick K, Nobmann ED. The contribution of subsistence foods to the total diet of Alaska Natives in 13 rural communities. *Ecology of Food and Nutrition* 45: 1-26, 2006.

Smith HS, Bjerregaard P, Chan HM, Corriveau A, Ebbesson SOE, Etzel RA, Fabsitz RR, Hakonarson H, Hild C, Nobmann ED, Reading J, Tershchenko L, Young TK, Howard BV. Research with Arctic peoples: unique research opportunities in heart, lung, blood and sleep disorders: working group summary and recommendations. *Int J Circumpolar Health* 2006; 65 (1): 79-90.

Risica PM, Nobmann ED, Caulfield LE, Schraer C, Ebbesson SOE. Springtime macronutrient intake of Alaska Natives of the Bering Straits Region: The Alaska Siberia Project. *Int J Circumpolar Health* 2005; 64 (3): 222-233.

Nobmann ED, Ponce R, Mattil C, Devereux R, Dyke B, Ebbesson SOE, Laston S, MacCluer J, Robbins D, Romenesko T, Ruotolo G, Wenger CR, Howard BV. Dietary Intakes Vary with Age among Eskimo Adults of Northwest Alaska in the GOCADAN Study, 2000-2003. *J. Nutr.* 135: 856-862, 2005.

Ballew C, Ross A, Wells SM, Hiratsuka V, Hamrick KJ, Nobmann ED, Bartell S. Final Report on The Alaska Traditional Diet Survey. Alaska Native Health Board, Anchorage, AK. March 2004, <http://www.anthc.org/cs/chs/epi/>

Smith J, Easton P, Wiedman D, Rody N, Hamrick K, Nobmann ED, Widmark EG Peck D, Cipra J. Comparison of BMI and body fat determinations in rural Alaska women: results of the WIC Healthy Mom Survey, Summer 2001. *Alaska Med.* 2004 Jan-Mar; 46(1):18-27.

Nobmann ED, Hamrick K, Bartell S. Alaska Traditional Diet Project 2002 Report, Prepared for Alaska Native Health Board by IDM Consulting and Institute for Circumpolar Health Studies, University of Alaska Anchorage, May 5, 2003.

White RG, Russell DE, Holand Ø, Griffith B, Cameron RD, Kofinas G, Nobmann ED and Kruse J. Nutritional ecology of reindeer/caribou and their interactions with humans. In; Symposium: Nutrition at the Edge of the Earth, Proc. 25th Meeting Nutr. Soc. Austr. Canberra. 3-5 December 2001. *Asia Pacific J. Clin. Nutr.* 10: S3-S4.

Nobmann ED and Lanier AP. Dietary intake among Alaska Native women resident of Anchorage, Alaska. *Int J Circumpolar Health* 2001; 60: 123-137.

Risica PM, Ebbesson SOE, Schraer CD, Nobmann ED, Caballero BH. Body fat distribution in Alaskan Eskimos of the Bering Straits region: the Alaskan Siberia Project. Int Journal of Obesity 2000; 24:171-179.

Risica PM, Schraer CD, Ebbesson SOE, Nobmann ED, Caballero B. Overweight and obesity among Alaskan Eskimos of the Bering Straits region: the Alaskan Siberia Project. Int Journal of Obesity 2000; 24:939-944.

Bartell SM, Nobmann ED, Ponce RA. What People Eat: Atka, Alaska, 1998-1999, Final Report, Prepared for University of Alaska and Aleutian/Pribilof Islands Association, Inc. by IDM Consulting, December 15, 1999.

Nobmann ED, Ebbesson SOE, White RG, Bulkow LR, Schraer CD. Associations between dietary factors and plasma lipids related to cardiovascular disease among Siberian Yupiks of Alaska. Int J Circumpolar Health 1999;58:254-271.

Nobmann ED. Dietary Intake among Alaska Native Women in the Anchorage Area and implications for dietary survey methodology. A Report to Epidemiology Center, Alaska Native Health Board, by EDN Nutrition Consulting. Anchorage, AK, September 15, 1999.

Nobmann ED, Ebbesson SOE, White RG, Schraer CD, Lanier AP, Bulkow LR. Dietary intakes among Siberian Yupiks of Alaska and implications for cardiovascular disease. Int J Circumpolar Health 57:1, January 1998; 4-17.

Ponce R, Bartell S, Haness S, Nobmann E. Establishing Alaska Specific Exposure Scenarios. Prepared for the Alaska Department of Environmental Conservation by IDM Consulting. September 1, 1997.

Nobmann ED. Nutritional Benefits of Subsistence Foods, PO087553. Report for University of Alaska Anchorage, Institute of Social and Economic Research, Anchorage, AK, September 15, 1997.

Yip R, Limburg PJ, Ahlquist DA, Carpenter HA, O'Neill A, Kruse D, Stitham S, Gold BD, Gunter EW, Looker AC, Parkinson AJ, Nobmann ED, Petersen KM, Ellefson M, Schwartz S. Pervasive Occult Gastrointestinal Bleeding in an Alaska Native Population with Prevalent Iron Deficiency: Role of *Helicobacter Pylori* Gastritis. JAMA.1997; 277:1135-9.

Nobmann EAD, Diet Among Siberian Yup'iks of Alaska and the Implications for Cardiovascular Disease, University of Alaska Fairbanks, May 1996 (Ph.D. thesis). Available from UMI Dissertation Services, 300 North Zeeb Road P.O. Box 1346, Ann Arbor, MI 48106-1346 Phone (313) 761-4700 or (800) 521-0600.

Schraer CD, Ebbesson SOE, Boyko E, Nobmann ED, Adler A, Cohen J. Hypertension and Diabetes among Siberian Yupik Eskimos of St. Lawrence Island, Alaska. Public Health Reports 1996; 111, Suppl 2: 51-2.

Petersen KM, Parkinson AJ, Nobmann ED, Bulkow L, Yip R, Mokdad A. Iron Deficiency Anemia among Alaska Natives may be due to fecal loss rather than Inadequate Intake. J. Nutr. 1996; 126:2774-83.

Nobmann ED, Mamleeva F, Klachkova EV. A Comparison of the Diets of Siberian Chukotka and Alaska Native Adults and Recommendations for Improved Nutrition, a Survey of Selected Previous Studies Arct Med Res 1994; 53: 123-129.

Jensen PG, Nobmann ED. What's in Alaskan Foods, Chart Series, Alaska Area Native Health Service, Anchorage 1994.

Nobmann ED. Nutrient Value of Alaska Native Foods, Alaska Area Native Health Service, Anchorage, revised October 1993. Online at <http://www.lib.uaa.alaska.edu/hsis/> under Other , HSIS publications.

Nobmann ED, Byers T, Lanier AP, Hankin JH, Jackson MY. The Diet of Alaska Native Adults in 1987-1988 Am. J. Clin Nutr 1992; 55:1024-32.

Nobmann ED. Dietary Intakes of Alaska Native Adults 1987-1988, In Postl BD et al Editors, Circumpolar Health 90, Proceedings of the 8th International Congress on Circumpolar Health, Whitehorse, Yukon, May 20-25, 1990, 735-8.

Nobmann ED, Mamleeva FR, Rodigina TA. A Preliminary Comparison of Nutrient Intakes of Siberian Chukotka and Alaska Natives, In Postl BD et al Editors Circumpolar Health 90 Proceedings of the 8th International Congress on Circumpolar Health, Whitehorse, Yukon, May 20-25, 1990 752-5.

Nobmann ED. Dietary Intakes of Alaska Native Adults 1987-1988, Final Report, Phase I, Alaska Area Native Health Service, Anchorage, AK, September 1989.

Thiele M., Geddes ME, Nobmann ED, Petersen, K. High Prevalence of Iron Deficiency Anemia Among Alaskan Native Children, MMWR Morbidity and Mortality Weekly Report, Vol. 37 #13, Centers for Disease Control, Atlanta, April 8, 1988.

Ibid, JAMA, Vol. 259, #17, P2532, May 6, 1988.

Nobmann ED and Albrecht CE. A Nutrition Report from the Sixth International Symposium on Circumpolar Health Nutrition Today March/April 1985.

Nobmann ED. Nutrition Implications of Subsistence, In The Subsistence Lifestyle Now and in the Future, University of Alaska, Fairbanks 1979.

Nobmann ED and Adams S. Survey of Changes in Food Habits during Pregnancy, Public Health Reports, 85, No. 12, December 1970.

ABSTRACTS

Ebbesson S, Carter EA, Resnick HE, Nobmann ED, Devereux RB, Dyke B, MacCluer JW, Fabsitz RR, Howard BV. Omega 3 Fatty Acid Consumption and Components of the Metabolic Syndrome in Eskimos: The GOCADAN Study. Conference Handbook:139

Presented at the Prevention of Cardiovascular Disease & Diabetes Among American Indians and Alaska Natives 2005 meeting, May 2005.

Ebbesson SO, Carter EA, Resnick HE, Nobmann ED, Devereux RB, Dyke B, MacCluer JW, Fabsitz RR, Howard BV Omega 3 Fatty Acid Consumption and Components of the Metabolic Syndrome in Eskimos: The GOCADAN Study. Circulation 111(14):217

Presented at the 45th Annual Conference on Cardiovascular Disease Epidemiology and Prevention meeting, April 2005.

Nobmann ED, Ponce R, Mattil CZ, Devereux R, Dyke B, Ebbesson SOE, Laston S, MacCluer J, Robbins D, Romenesko T, Ruotolo G, Wenger C, Howard BV (2004) Dietary Intakes of Alaskan Eskimo Adults of Northwest Alaska, 2000-2003: The GOCADAN (Genetics of Coronary Artery Disease in Alaska Natives) Study. J Am Diet Assoc 104(8) Supplement 2:A-34

Presented at the American Dietetic Association meeting, October 2004.

Nobmann ED, Thiele MC, Boushey CJ. Dietary Intake Pattern Among Eskimo Teenagers.

Presented at the American Dietetic Association, Poster Session, October 5, 1988, San Francisco. In Building the Future: Gateways and Bridges, ADA Abstracts, Chicago, IL.

COMMUNITY ACTIVITIES:

Board Member, Food Bank of Alaska - 1997-present, Program Committee Chair 1998-1999, Board Secretary, 1999-2004.

First Lt., Birchwood Squadron, Civil Air Patrol, 1989 to 2005, Administrative Officer, 1991-1993.

Member, Alaska Chapter, The International Ninety-Nines, Inc. 1978-present, Awards Chairman 1980 - 82, International Convention Program Chairman 1984.

Member, World Hunger Education Action Together Alaska Task Force 1976-1978.