

## Sarah Heather Nash, PhD MPH CPH

### PROFESSIONAL EXPERIENCE

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<b>Cancer Surveillance Director</b> , Alaska Native Tumor Registry, Alaska Native Epidemiology Center, Alaska Native Tribal Health Consortium, Anchorage AK	2015 - Present
<b>Owner, Fireweed Scientific Consulting LLC</b>	2017 – Present
<b>Affiliate Assistant Professor</b> , Department of Health Sciences, University of Alaska Anchorage, Anchorage, AK	2016- Present
<b>Cancer Prevention Fellow</b> , Nutritional Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda MD	2013 - 2015
<b>Policy Intern</b> , Maryland Rural Health Association	2013 - 2014
<b>Graduate Research Assistant</b> Center for Alaska Native Health Research, Institute of Arctic Biology, University of Alaska Fairbanks, Fairbanks AK	2008 - 2013

### EDUCATION

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<b>MPH</b> , Johns Hopkins Bloomberg School of Public Health, Baltimore MD Customized program with a dual focus on Epidemiology and Biostatistical Methods, Food and Nutrition in Health	2013 - 2014
<b>PhD Biological Sciences</b> , University of Alaska Fairbanks, Fairbanks AK	2008 - 2013
<b>BA (Hons) Archaeology &amp; Anthropology (First Class)</b> , Cambridge University, UK	2004 - 2007

### GRANTS AND CONTRACTS

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#### *Current Grants/Contracts*

<b>NCI SEER: Alaska Native Tumor Registry</b> Subcontract from NCI through New Mexico Tumor Registry Role: Principal Investigator Total direct costs: \$5,297,737	05/1/2019 – 04/21/2028
<b>NIH (NCI) 1P20 CA252733-01</b> “Translational Research Program in Colorectal Cancer Disparities” Peters, Li (FHCRC), Thomas (ANTHC) (Co-PIs) Role: Co-Investigator, Biospecimen Core	7/1/2020 – 6/30/2023
<b>Alaska INBRE Supplement</b>	8/1/2020-7/31/2021

“Application of dietary biomarker analyses to dried blood spots from university students to assess diet in the context of wellbeing.”

Wooller (UAF) (PI)

Role: Co-Investigator

**NIH NICHD R01 DC016616**

06/1/2018-05/31/2022

“Downshifting sweet preference and added sugar intake during snacking among young children: a randomized controlled trial.”

PI: Jennifer Orlet Fisher (Temple University)

Role: Consultant.

HONORS, AWARDS AND CERTIFICATIONS (LAST FIVE YEARS)

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Honors

**University of Washington Institute of Translational Health Sciences** 2018 - 2019  
Translational Research Scholar

**GMaP Region 5 CBPR & Career Development Workshop,** 2016  
Invited Participant

**Dannon Nutrition Leadership Institute,** Invited Participant 2015

Awards

**Merit Award** 2020  
National Association for Central Cancer Registries (NAACCR)

**Digestive Disease Week: Featured Poster** 2019  
Poster Abstract: *Developing a community engaged study of colorectal cancer risk with Alaska Native people*

**NAACCR Second Place Award: Data Use category** 2017  
Poster Abstract: *Timeliness of breast cancer treatment among Alaska Native women*

**NIH Fellows Award for Research Excellence (FARE)** 2016  
Abstract: *Cigarette-smoking and mortality in older adults in the NIH-AARP study*

Certifications

**Certified in Public Health (CPH)** 2014-Present  
National Board of Public Health Examiners (NBPHE)

LEADERSHIP, PROFESSIONAL AND COMMUNITY SERVICE (CURRENT ONLY)

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Clinical Service

**Member, Cancer Clinical Core Business Group,** 2016 - Present  
Alaska Native Medical Center

Co-Chair 2019 - Present

*Committees and Professional Boards*

<b>Co-Chair, Strategic Management Plan Workgroup,</b> North American Association of Central Cancer Registries	2020 - Present
<b>Member, Internal Coordinating Committee,</b> Geographic Mapping of Cancer Health Disparities (GMAP), Region 5	2019 - Present
<b>Member, Alaska Cancer Partnership</b>	2019 – Present
<b>Comprehensive Cancer Plan Advisory Group</b>	2020 – Present
<b>Member, Research Application and Review Workgroup,</b> North American Association of Central Cancer Registries	2019 - Present
<b>Member, Community Advisory Board,</b> Mountain West IDeA Clinical Translational Research Infrastructure Network, AK/HI Region	2018 - Present
<b>Member, Research and Data Use Steering Committee,</b> North American Association of Central Cancer Registries	2018 - Present
<b>Steering Committee Co-Chair</b>	2019 - Present
<b>Member, Data Security and Confidentiality Workgroup,</b> Present North American Association of Central Cancer Registries	2018 -
<b>Member, Editorial Advisory Board,</b> Journal of Registry Management	2017- Present
<b>Member, Advisory Board,</b> Alaska Area Specimen Bank	2017- Present
<b>Member, CiNA Editorial Workgroup,</b> North American Association of Central Cancer Registries	2019, 2020
<b>Member, Cancer Leading Health Indicator Working Group,</b> Healthy Alaskans 2030	2019 - 2020
<b>Member, Nominating Committee,</b> North American Association for Central Cancer Registries	2017, 2018, 2019
<b>Member, Policy Committee,</b> Alaska Public Health Association	2016 – 2019
<b>Executive Board Member,</b> Alaska Public Health Association	2016 – 2019
<b>Secretary,</b> Early Career Nutrition Interest Group, American Society for Nutrition	2014 - 2016

*Peer Review*

American Journal of Preventive Medicine  
PLoS One

International Journal of Circumpolar Health  
Cancer Epidemiology, Biomarkers and  
Prevention

The Journal of Nutrition  
The American Journal of Human Biology  
The Journal of Pediatrics  
Rapid Communications in Mass Spectrometry  
Nutrients  
Bulletin of the World Health Organization  
Cancer Causes and Control  
Public Health Nutrition  
Journal of Registry Management

International Journal of Environmental Research and Public Health  
Journal of Clinical Medicine  
The Open Journal of Public Health  
International Journal of Cancer  
Cancer Epidemiology  
Journal of the American College of Cardiology  
Cancer

Professional Affiliations

Alaska Public Health Association  
Maryland Rural Health Association  
American Society for Circumpolar Health  
Institute of Translational Health Sciences  
Golden Key International Honour Society

Community Service

<b>Member, Board of Directors</b> , Anchorage Neighborhood Health Center	2016-Present
Chair of the Board	2020-Present
Vice Chair of the Board	2016-2020
Chair, Quality Improvement Committee	2016-2020

BIBLIOGRAPHY (MOST RECENT 3 YEARS)

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Peer reviewed manuscripts

1. **Nash, S.H.**, Howard, B., Umans, J., Holck, P., Redwood, D., Hiratsuka, V., Day, G., Beans, J., Koller, K. K. “Ten-year weight gain is not associated with multiple cardiometabolic measures in Alaska EARTH study participants.” In press at *Nutrition, Metabolism and Cardiovascular Disease*.
2. Koller, K.R., Day, G., Hiratsuka, V.Y., Beans, J., **Nash, S.H.**, Redwood, D.G., Howard, B.V., Zhu, J., Umans, J.G. “Diabetes and prediabetes among Alaska Native people: the Alaska EARTH follow-up study.” In press at *Diabetes Research and Clinical Practice*.
3. **Nash, S.H.**, Zimpelman, G.L., Schulz, L., Hirschfield, M. “Childhood and adolescent cancers among Alaska Native people, 1969-2016.” In press at *The Journal of Pediatrics*.
4. **Nash, S.H.**, Greenley, R., Dietz-Chavez, D., Harrison, T., Peters, U., Redwood, D.G. “Incorporating participant and clinical feedback into a community-based participatory research study of colorectal cancer among Alaska Native people.” *Journal of Community Health*. 2020 Aug;45(4):803-811.
5. Nolen, L.D., Vindigni S., Parsonnet, J., and Symposium Leaders\*

- \*Bruce, M.G., Woods, T., Thomas, T.K., Sacco, F., **Nash, S.H.**, Olnes, M.J., Miernyk, K., Bruden, D., Ramaswamy, R., McMahon, B., Goodman, K., Bass, A., Hur, C., Inoue, M., Carmago, C., Cho, S.J., Parnell, K., Allen, E. "Combating gastric cancer in Alaska Native people: An expert and community symposium." *Gastroenterology*. 2020 Apr;158(5):1197-1201.
6. **Nash, S.H.**, Zimpelman, G.L., Stillwater, B., Olnes, M., Provost, E.M. "Invasive breast cancer among Alaska Native women, 1969-2015." *International Journal of Circumpolar Health*. 2019; 2019 Dec;78(1):1633-190.
  7. Choy, K., **Nash, S.H.**, Bersanmin, A., Orr, E., Hopkins, S., Boyer, B.B., O'Brien, D.M. "The Nitrogen Isotope Ratio Is a Biomarker of Yup'ik Traditional Food Intake and Reflects Dietary Seasonality in Segmental Hair Analyses" *The Journal of Nutrition*. 2019 Nov 1;149(11):1960-1966.
  8. Redwood, D.G., Day, G.E., Hiratsuka, V.Y., Beans, J.A., Howard, B., Umans, J., **Nash, S.H.**, Koller, K.K. "Alaska Native traditional food and harvesting activity patterns: Longitudinal data from the Education and Research Towards Health (EARTH) Study." *Current Advances in Nutrition*. 2019 Oct 9;3(11):nzz114. doi: 10.1093/cdn/nzz114.
  9. **Nash, S.H.**, Hiratsuka, V., Day, G., Zimpelman, G., Koller, K. K. "Cancer among participants of the Alaska EARTH study: prevalence, incidence, and associations with known risk factors." *Cancer Causes & Control*. 2019 Oct;30(10):1067-1074.
  10. **Nash, S.H.**, Peters, U., Redwood, D.G. "Developing a community-based participatory research study of colorectal cancer risk among Alaska Native people." *Journal of Public Health Management and Practice*. 2019 Sep/Oct;25 Suppl 5, Tribal Epidemiology Centers: Advancing Public Health in Indian Country for Over 20 Years:S54-S60.
  11. **Nash, S.H.**, Hiratsuka, V., Day, G., Zimpelman, G., Koller, K. K. "Agreement between self-report and tumor registry-captured prevalence of cancer among participants of the Alaska EARTH study." *International Journal of Circumpolar Health*. 2018 Dec;78(1):1571-1583.
  12. **Nash, S.H.**, Meisner, A., Zimpelman, G., Barry, M., Wiggins, C. "Cancer survival among Alaska Native people." *Cancer*. 2018 Jun 15;124(12):2570-2577
  13. **Nash, S.H.**, Lanier, A.P., Southworth, M.B. "Occurrence of endocrine and thyroid cancers among Alaska Native people, 1969-2013." *Thyroid*. 2018 Apr;28(4):481-487
  14. **Nash, S.H.**, Redwood, D.G. "Potentially preventable cancers diagnosed among Alaska Native people." 2018. *Cancer Health Disparities*. 2018;2: e1-e15. doi:10.9777/chd.2018.10001
  15. Kelley S.F., Day, G.M., DeCourtney, C., **Nash, S.H.** "Timeliness of Breast Cancer Treatment Within The Alaska Tribal Health System." *J Rural Health*. 2019 Mar;35(2):216-221.

16. **Nash, S.H.**, Liao, L., Harris, T., Freedman, N.D. “Cigarette-smoking and mortality in older adults in the NIH-AARP study.” *American Journal of Preventive Medicine* 2017;52(3):276-283.