Sarah Heather Nash, PhD MPH CPH

Sarah Heather Nash, PhD MPH CPH	
Professional Experience	
Director, Research, Analytics, and Dissemination, State Health Registry of Iowa, College of Public Health, University of Iowa, Iowa City IA	2022- Present
Co-Investigator Responsibilities: Directing and managing a staff that engage in research and data use activities for the registry, including: cancer cluster investigations; the Cancer in Iowa Report; data quality improvement activities; supporting internal and external research; responding to data requests; process improvement	2021-Present t.
Member , Holden Comprehensive Cancer Center, University of Iowa, Iowa City IA	2021- Present
Community Outreach and Engagement, Co-Lead Holden Comprehensive Cancer Center, University of Iowa, Iowa City IA Responsibilities: Co-leading COE activities for the Holden Comprehensive Cancer Center; responsibility for activities related to understanding and addressing catchment area needs.	2021-Present
Assistant Professor of Epidemiology (Secondary Appointment: Community and Behavioral Health) College of Public Health, University of Iowa, Iowa City In Responsibilities: Tripartite appointment consisting of 50% research, 25% teaching, 25% service.	2021- Present A
Affiliate Professor , Department of Biology and Wildlife, University of Alaska Fairbanks, Fairbanks, AK <i>Responsibilities: Student mentoring and committees.</i>	2021- Present
Affiliate Assistant Professor, Department of Health Sciences, University of Alaska Anchorage, Anchorage, AK Responsibilities: Adjunct teaching appointment.	2016- 2021
Cancer Surveillance Director, Alaska Native Tumor Registry, Alaska Native Epidemiology Center, Alaska Native Tribal Health Consortium, Anchorage AK Responsibilities: Directing and managing the registry, including: application for and management of SEER sub-contract; overseeing registry operations; directing registry-based research program.	2015 - 2021 a
Cancer Prevention Fellow, Nutritional Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda MD	2013 - 2015
Graduate Research Assistant Center for Alaska Native Health Research, Institute of Arctic Biology, University of Alaska Fairbanks, Fairbanks AK	2008 - 2013

MPH, 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

EDUCATION

PhD Biological Sciences, University of Alaska Fairbanks, Fairbanks AK 2008 - 2013

BA (Hons) Archaeology & Anthropology (First Class), Cambridge 2004 - 2007

University, UK

GRANTS AND CONTRACTS

Relevant Current Grants/Contracts

NIH NCI Contract HHSN261201800012I HHSN2610001 05/1/2019 - 04/21/2028

NCI SEER: Iowa Cancer Registry

Role: Co-Investigator, 07/01/2021 – Present

CDC 1803 Tribal Public Health Capacity Building

8/1/2022-7/31/2025

Colorectal Cancer Supplement 5NU38OT000277-05-00

"Evaluation of colorectal cancer screening among Alaska Native people"

PI: Diana Redwood (Alaska Native Tribal Health Consortium)

Role: Iowa Site PI

NIH NCI 1 U01 CA258400-01A1

15/6/2022-6/14/2025

"Development of Small Area Interactive Risk Maps for Cancer Control Efforts"

PI: Jacob Oleson Role: Co-Investigator

NIH NIMHD 1R21MD018641-01

07/01/2023-6/31/2025

"Understanding cancer and comorbidities among American Indian and Alaska Native people."

Role: Principal Investigator

NIH NCI P30 CA086862-25S2

07/1/2024-06/31/2025

"Regional Differences in Guideline Concordant Cancer Care among American Indian and Alaska Native people."

PI: Michael Henry

Role: Co-Investigator (Project Director)

NIH NCI 3 R01CA254628-04S2

07/1/2024-06/31/2025

"Adapting Survivorship Care to Rural Practice, Translating Rural Evidence into Policy."

PI: Mary Charlton Role: Co-Investigator

Relevant Applications under review

NIH NCI 1 U24 1/7/2025-6/30/2030

"Development of CAMSA: Cancer Analytics and Mapping for Small Areas"

PIs: Jacob Oleson and Sarah Nash Role: Multiple Principal Investigator

Relevant Previous Grants/Contracts

NIH NCI Contract HHSN261201300010I

05/1/2019 - 04/21/2028

NCI SEER: Alaska Native Tumor Registry subcontract Role: Principal Investigator, 05/1/2019 – 05/07/2021 Responsible for sub-contract competitive renewal as PI

HONORS, AWARDS AND CERTIFICATIONS		
Awards Faculty Teaching Award University of Iowa, College of Public Health	2023	
Best Poster American Society for Preventive Oncology: Health Disparities SIG Poster Abstract: <i>Understanding barriers to engaging in cancer prevention and colbehaviors among African American Iowans</i>	2023 ntrol	
Best Poster Holden Comprehensive Cancer Center Research Retreat Poster Abstract: Community-engaged study to understand barriers to engaging in cancer prevention and control behaviors among African American Iowans	2022	
Achievement Award National Association for Central Cancer Registries (NAACCR)	2022	
Early Career Scholars Award University of Iowa College of Public Health, Office of the Vice President for Reso	2021 earch	
Merit Award National Association for Central Cancer Registries (NAACCR)	2020	
Digestive Disease Week: Featured Poster Poster Abstract: Developing a community engaged study of colorectal cancer risk with Alaska Native people	2019	
NAACCR Second Place Award: Data Use category Poster Abstract: Timeliness of breast cancer treatment among Alaska Native women	2017 en	
<u>Certifications</u> Certified in Public Health (CPH) National Board of Public Health Examiners (NBPHE)	2014-Present	
LEADERSHIP, PROFESSIONAL AND COMMUNITY SERVICE	_	
State and National Committees, Professional Boards Member, National Childhood Cancer Registry Data Access Committee	2024 – Present	
Chair, Data for AIAN Cancer Surveillance Task Force, North American Association of Central Cancer Registries	2023 - Present	
Member at Large, Board of Directors (Elected, 2-year terms) North American Association of Central Cancer Registries	2021 - Present	
Member, Strategic Management Plan Workgroup, North American Association of Central Cancer Registries	2020 - Present	
Member, Research Application and Review Workgroup, North American Association of Central Cancer Registries	2019 - Present	
Member, Research and Data Use Steering Committee, North	2018 - Present	

American Association of Central Cancer Registries	
Steering Committee Co-Chair	2019 - 2021
Member, Editorial Advisory Board, Journal of Registry Management	2017- Present
Chair, Executive Director Transition Task Force North American Association for Central Cancer Registries	2023 – 2024
Member, Iowa Cancer Plan Steering Committee Iowa Cancer Consortium	2022 - 2023
Co-Chair, CiNA Research Network Workgroup, North American Association of Central Cancer Registries	2020 - 2023
Workgroup Co-Chair	2020 - 2023
Member, CiNA Editorial Workgroup, North American Association of Central Cancer Registries	2019, 2020, 2021, 2022
Member, Internal Coordinating Committee, Geographic Mapping of Cancer Health Disparities (GMaP), Region 5	2019 - 2021
Member, Alaska Cancer Partnership Comprehensive Cancer Plan Advisory Group	$2019 - 2021 \\ 2020 - 2021$
Co-Chair, Alaska Cancer Concerns Working Group	2018 - 2021
Member, Data Security and Confidentiality Workgroup, North American Association of Central Cancer Registries	2018 - 2021
Member, Community Advisory Board, Mountain West IDeA Clinical Translational Research Infrastructure Network, AK/HI Region	2018 - 2021
Member, Advisory Board, Alaska Area Specimen Bank	2017- 2021
Member , Cancer Leading Health Indicator Working Group, Healthy Alaskans 2030	2019 - 2020
Member , Nominating Committee, North American Association for Central Cancer Registries	2017, 2018, 2019
Professional Affiliations Iowa Cancer Consortium Alaska Public Health Association Maryland Rural Health Association American Society for Circumpolar Health Institute for Translational Health Sciences Golden Key International Honour Society	2021-Present 2015-2018 2014-2015 2015-2018 2012-Present 2008-Present
SELECTED BIBLIOGRAPHY ORCiD: 000	00-0002-9038-6001

^{*}indicates student or mentee coauthor; ⁺Indicates joint authorship

Relevant peer reviewed manuscripts (in chronological order; total 62 publications)

- 1. Wissler Gerdes, E.,* Nash, S.H., Gomez, S.L., Wiggins, C.L., Meisner, A.W., Senft Everson, N. "Clinical trial knowledge, discussion, and participation among cancer survivors: A HINTS-SEER study.' In press at *Patient Education and Counseling*.
- 2. Xu, T.,* Dillon, J.S. Maluccio, M,A., Quelle, D.E., **Nash, S.H.,** Cho, H. Limbach, K.E., Skill, N.J., Bren-Mattison, Y., O'Rorke, M.A., "Peptide Receptor Radionuclide Therapy and Clinical Associations with Renal and Hematological Toxicities and Survival in Patients with Neuroendocrine Tumors: An Analysis from Two U.S. Medical Centers. "In press at *Journal of Nuclear Medicine*.
- 3. Ulmer, K., Greteman, B., Gonzalez Bosquet, J., Petereit, D., Harper, D., Nash, S.H. "Gynecologic cancers among American Indian and Alaska Native women living in the Upper Midwest/Northern Plains, 1995-2019." In press at *Women's Health Reports*.
- 4. Suraju M.O, Kahl, A.R, Nayyar, A, Turaczyk-Kolodziej, D., McCracken, A., Gordon, D., Freischlag, K., Borbon, L., **Nash S.H.**, Aziz, H. "Care Patterns and Outcomes for Intrahepatic Cholangiocarcinoma By Rurality of Patient Residence in a Midwestern State." In press at *Journal of Surgical Oncology*.
- 5. Suraju M.O, Kahl, A.R, Nayyar, A, Turaczyk-Kolodziej, D., McCracken, A., Gordon, D., Freischlag, K., Borbon, L., **Nash S.H.**, Aziz, H. "Patterns of Care and Outcomes for Hepatocellular Carcinoma and Pancreatic Cancer Based on Rurality of Patient's Residence in a Rural Midwestern State." In press at *Journal of Gastrointestinal Surgery*.
- 6. Sorensen, J. L.,* West, M., Racila, A-M., Amao, D.,* Matt, B.J., Bentler, S., Kahl, A., Charlton, M.E., Seaman, A.,* Nash, S.H.* "Challenges in collecting information on sexual orientation and gender identity for cancer patients: perspectives of hospital and central cancer registry abstractors." *Cancer Causes & Control*. 2024 Jul 2. doi: 10.1007/s10552-024-01897-x. Online ahead of print.
- 7. Greteman, B.B.* del Vecchio, N.J., Garcia-Auguste, C.J.,* Kahl, A.R., Gryzlak, B.M., Chrischilles, E.A., Charlton, M.E., **Nash, S.H.** "Identifying Predictors of COVID-Related Delays in Cancer-Specific Medical Care" *Cancer Medicine*. 2024 Apr;13(8):e7183
- 8. Herbach, E.L.,* Curran, M., Roberson, M., Carnahan, R.M., McDowell, B.D., Wang, K., Lizarraga, I., **Nash, S.H.,** Charlton, M.E. "Guideline-Concordant Breast Cancer Care by Patient Race-Ethnicity and Facility- and Area-Level Characteristics: A SEER-Medicare Study." *Cancer Causes & Control.* 2024 Mar 28. doi: 10.1007/s10552-024-01859-3.
- 9. Weeks, K., Gao, X., Kahl, A.R., Engelbart, J., Greteman, B*., Hassan, I., Kapadia, M., Nash, S.H., Charlton, M.E. "Perspectives on referring for rectal cancer surgery: A survey study of gastroenterologist and general surgeons in Iowa." *Journal of Gastrointestinal Cancer*. 2023 Dec 27. doi: 10.1007/s12029-023-00998-1.
- 10. **Nash, S.H.**, Weeks, K., Kahl, A.R., Del Vecchio, N.J., Gao, X., Guyton. K., Charlton, M.E. "Association of diagnosing provider type with referral patterns, treatment facility type, and patient satisfaction among Iowa rectal cancer patients." *Journal of Gastrointestinal Cancer*. 2023 Aug 30. doi: 10.1007/s12029-023-00963-y.
- 11. Wahlen, M.M.,* Lizarraga, I.M., Kahl, A.R., Zahnd, W.E., Eberth, J.E., Overholser, L, Askelson, N.M., Hirschey, R, Yeager, K.A., **Nash, S.H.**, Englebart, J., Charlton, M.E. "Effect of Rurality and Travel Distance on Contralateral Prophylactic Mastectomy for Unilateral Breast Cancer." *Cancer Causes & Control*. 2023 Dec;34(Suppl 1):171-186.

- 12. Herbach, E.L.,* Nash, S.H., Lizarraga, I., Carnahan, R.M., Wang, K., Curran, M., Mary Charlton, M.E. "Patterns of evidence-based care for the diagnosis, staging, and first-line treatment of breast cancer by race-ethnicity: a SEER-Medicare study." *Cancer Epidemiology, Biomarkers and Prevention.* 2023 Oct 2;32(10):1312-1322.
- 13. McDowell B.D., Bentler S.E., West M.M., Kahl A.R., **Nash S.H.**, Brubaker J.T., Matt B., Charlton M.E. "Assessing Completeness of Cancer Treatment Data from an Academic Medical Center's Tumor Registry Through Comparison to the Central Registry. *Journal of Registry Management*. 2023 Summer;50(2):52-56.
- 14. **Nash, S.H.**, Wahlen, M.*, Meisner, A., Morawski, B. "Choice of survival metric and studies of disparities among American Indian Alaska Native people." *Cancer Epidemiology, Biomarkers and Prevention*. 2023 Feb 1:OF1-OF8. doi: 10.1158/1055-9965.EPI-22-1059.
- 15. Kratzer, T.B., Siegel, R.L., Miller, K., Nash, S.H., Redwood, D.R., Wiggins, C.L., Smith, R., Jemal, A. "Cancer statistics for American Indians and Alaska Native individuals, 2022: Increasing disparities in early-onset colorectal cancer." *CA: A Cancer Journal for Clinicians*. 2022 Nov 8.doi: 10.3322/caac.21757.
 - Manuscript ranked within the top 10% of articles published in this journal for 2022.
- 16. Ulmer, K.,* Greteman, B.,* McDonald, M., Bosquet, J.G. Charlton, M.E., **Nash, S.H.** "Association of distance to gynecologic oncologist and survival in a rural midwestern state." *Gynecologic Oncology* 2022 Aug; 3(1): 678-685.
- 17. **Nash, S.H.,** Zimpelman, G.L., Miller, K.N., Clark, J.,* Britton, C.L. "Cancer among Alaska Native people: the fifty year report." *International Journal of Circumpolar Health.* 2021 Dec;81(1):2013403.
- 18. **Nash**, **S.H**., Britton, C.L, Redwood, D.G. "Descriptive epidemiology of colorectal cancer among Alaska Native people before and after the implementation of a screening program." *Journal of Cancer Policy*. 2021 Sep;29:100293.
- 19. Hill, C., Nash, S.H., Bersamin, A., Hopkins, S.E., Boyer, B.B, O'Brien, D.M., Chi, D.L. "No Seasonal Variation in Added Sugar or Sugar Sweetened Beverage Intake in Yup'ik Communities" *International Journal of Circumpolar Health.* 2021; 80 (1), 1920779.
- 20. Nolen LD, Bressler S, Vindigni SM, Miller K, **Nash, S.H**. "Gastric Cancer in Alaska Native and American Indian People Living in Alaska, 1990-2017." *Clinical and Translational Gastroenterology*. 2021; 12 (7), e00374.
- 21. Simkin, J., **Nash, SH**., Erickson, A.C., Otterstatter, M.C., O'Brien, D., Hanley, B, Larsen, I., Skovlund, C., Laronningen, S., Dummer, T., Bruce, M.G., Ogilvie, G. "Stomach Cancer Incidence and Mortality Trends among Circumpolar Nations." *Cancer Epidemiology, Biomarkers and Prevention.* 2021 May;30(5):845-856.
- 22. **Nash, S.H.**, Zimpelman, G.L., Schulz. L., Hirschfield, M. "Childhood and adolescent cancers among Alaska Native people, 1969-2016." *The Journal of Pediatrics*. 2020 Dec;227:288-294.
- 23. **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):1633190.

- 24. 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.
- 25. **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):1571383.
- 26. 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
- 27. **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
- 28. **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
- 29. 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.

Report Exemplars

Seminar Series

I have led publication of many cancer registry reports and factsheets. Please see below for examples of key non-peer reviewed publications. PDFs available on request.

key non-peer reviewed publications. I DI's available on request.	
Cancer in Iowa Spotlight Series Oral Cavity and Pharynx; Skin Melanoma; Blood Cancers; Cancer among Iowa's Black population; Lung Cancer	2023-2024
Cancer in Iowa Report Cancer Screening; 50-years of Cancer Surveillance in Iowa; Alcohol-related Cancer	2022-2024 ers
Cancer Factsheets Cancer Incidence among Alaska Native People; Cancer Mortality among Alaska Native People	2021
Cancer among Alaska Native people 1969-2018: the 50-Year Report	2021
Cancer among Alaska Native people: Executive Summary of the 45-Year Repo	ort 2016
SCIENTIFIC PRESENTATIONS	
Invited presentations (selected) University of New Mexico Comprehensive Cancer Center University of New Mexico, Albuquerque NM Leveraging Cancer Registry Data to Advance Health Equity	03/2024
Iowa Ideas Panel discussion: Cancer in Iowa	10/2023
University of Arizona, Cancer Prevention and Control Seminar Series Leveraging population-based cancer registries to address health equity	05/2023

University of Iowa, Environmental Health Sciences Research Center

02/2023

Cancer cluster investigations: the cancer registry experience	
University of Iowa, Epidemiology Seminar Series Community-engaged research to address colorectal cancer disparities among Alaska Native people	10/2021
Alaska Native Health Research Conference Cancer among Alaska Native people: the 50-year report	06/2021
3 rd NCI Symposium on Cancer Health Disparities Research to address cancer disparities among Alaska Native people	05/2021
Tumor Registrars of Alaska Annual Meeting , Anchorage AK (virtual) Registry data quality and its potential impact on research	10/2020
Data Sovereignty Webinar Series AIAN Clinical Translational Research Program, Montana State University, Bozeman M Alaska Native Tumor Registry: Data collection, data use, data sovereignty	07/2020 T
Partnership for Native American Cancer Prevention Webinar Northern Arizona University, Flagstaff AZ Cancer Epidemiology and Prevention Research with Alaska Native people	06/2019
Rural Health Providers' Conference, Anchorage AK Cancer among Alaska Native people	07/2019
Cancer in Underserved Populations Webinar Series National Cancer Institute, Rockville MD Cancer Epidemiology and Research with Alaska Native people	06/2019
University of New Mexico Comprehensive Cancer Center University of New Mexico, Albuquerque NM Leveraging the Alaska Native Tumor Registry to support community-engaged Research with Alaska Native people	05/2019
Clinical and Research Services, Research Brown Bag Alaska Native Tribal Health Consortium, Anchorage AK Colorectal cancer awareness month: colorectal cancer research among Alaska Native people	03/2018
Spirit of Eagles Conference 2017, Niagara Falls NY Liver cancer prevention among Alaska Native people	09/2017
North American Association of Central Cancer Registries Annual Meeting Albuquerque NM Cancer survival among Alaska Native people, 1992-2012	06/2017
Clinical and Research Services, Research Brown Bag Alaska Native Tribal Health Consortium, Anchorage AK The burden of obesity-related cancers among Alaska Native people	07/2016
Native American Interest Group Mayo Clinic, Rochester MN Monitoring cancer incidence and mortality among Alaska Native people: the Alaska Native Tumor Registry	05/2016

Center for Alaska Native Health Research University of Alaska Fairbanks, Fairbanks AK Cancer incidence and mortality among Alaska Native people	02/2016
Centers for Disease Control and Prevention, Arctic Investigations Program Anchorage, AK Monitoring trends in infection-related cancers among Alaska Native people: The Alaska Native Tumor Registry	10/2015
Oral Presentations (selected) North American Association of Central Cancer Registries Annual Meeting Boise, ID Developing a tool to estimate cancer incidence for small areas	06/2024
North American Association of Central Cancer Registries Annual Meeting New Orleans, LA Impact of Weight on Breast and Cervical Cancer Treatment Quality	06/2023
Iowa Public Health Association Annual Meeting , Ames, IA Understanding African American Iowans' experiences in healthcare, and how those experiences shape cancer prevention and control behaviors.	03/2023
North American Association of Central Cancer Registries Annual Meeting Virtual Choice of cancer survival methodology impacts inferences regarding disparities among AIAN people	06/2022
North American Association of Central Cancer Registries Annual Meeting Vancouver BC Lifetime risk of cancer among Alaska Native people	06/2019
National Indian Heath Board National Public Health Summit Albuquerque NM Developing a community-engaged study of colorectal cancer risk and protective factors among Alaska Native people (Roundtable)	05/2019
Alaska Public Health Summit, Anchorage AK. Accessing Tribal Health Data (Panel)	01/2019
Alaska Public Health Summit, Anchorage AK. The Alaska EARTH Study: Ten year follow up (Roundtable)	01/2019
North American Association of Central Cancer Registries Annual Meeting Pittsburg PA Cancer incidence and risk factors among Alaska Native EARTH study participants	06/2018
Poster Presentations (selected) Catchment Area Data Conference Richmond, VA	12/2023
Cancer data collaborations for cancer control in Iowa Digestive Disease Week	05/2019

Sarah Nash, PhD MPH CPH

San Diego CA Developing a community-engaged study of colorectal cancer risk with Alaska Native per *Presented by D. Redwood.	ople
North American Association of Central Cancer Registries Annual Meeting Pittsburg PA Agreement between self-reported and registry-recorded prevalence of cancer among Alaska EARTH participants	06/2018
Spirit of Eagles Conference 2017 Timeliness of breast cancer treatment among Alaska Native women	09/2017
North American Association of Central Cancer Registries Annual Meeting Albuquerque, NM Timeliness of breast cancer treatment among Alaska Native women	06/2017
Alaska Public Health Summit, Anchorage AK. Leading cancers among Alaska Native people, 2009-2013.	01/2017