

Curriculum Vitae

Last Updated: 06/15/2022

PERSONAL DATA

Name: Sheetal Hardikar, Ph.D., M.B.B.S.

Birth Place: India

Citizenship: United States

EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
2013 - 2017	Postdoctoral Research Fellow	Fred Hutchinson Cancer Research Center (Cancer Prevention) Seattle, WA
2007 - 2013	Ph.D.	University of Washington School of Public Health (Epidemiology) Seattle, WA
2005 - 2007	M.P.H.	Ohio State University College of Public Health (Biostatistics) Columbus, OH
2005 - 2007	M.S.	Ohio State University College of Public Health (Epidemiology) Columbus, OH
1998 - 2004	M.B.B.S.	Maharashtra University of Health Sciences/TN Medical College & BYL Nair Charitable Hospital (Medicine) Maharashtra/Mumbai, India

UNIVERSITY OF UTAH ACADEMIC HISTORY

Population Health Sciences (Cancer Population Science), 10/16/2017 - Present

10/16/2017 Assistant Professor

Nutrition and Integrative Physiology, 04/17/2020 - Present

04/17/2020 Adjunct Assistant Professor

PROFESSIONAL EXPERIENCE

Full-Time Positions

2020 - Present	Adjunct Assistant Professor, Department of Nutrition & Integrative Physiology, College of Health, University of Utah, Salt Lake City, UT
2018 - Present	Full Member, Huntsman Cancer Institute, Salt Lake City, UT
2017 - Present	Affiliate Investigator, Fred Hutchinson Cancer Research Center, Seattle, WA
2017 - Present	Assistant Professor, Population Health Sciences (Cancer Population Science), School of Medicine, University of Utah, Salt Lake City, UT
2017 - 2018	Associate Member, Huntsman Cancer Institute, Salt Lake City, UT
2004 - 2005	Practicing Primary Care Physician, Urban Family Center, Mumbai, India

Part-Time Positions

2008 - 2013 Predoctoral Research Associate, Fred Hutchinson Cancer Research Center, Seattle, WA
 2008 - 2009 Teaching Assistant, Department of Epidemiology, University of Washington, Seattle, WA
 2007 - 2009 Research Associate, Collaborative Health Studies Coordinating Center, University of Washington School of Public Health, Seattle, WA
 2007 Project Coordinator, Ohio State University College of Education and Human Ecology, Columbus, OH
 2006 - 2007 Research Associate, Ohio State University College of Public Health, Columbus, OH

Reviewer Experience

Reviewer for *Cancer Prevention Research*
 Reviewer for *Cancer*
 Reviewer for *Metabolites*
 Reviewer for *Scientific Reports*
 Reviewer for EBioMedicine
 Reviewer for *American Journal of Epidemiology*
 Reviewer for *Cancer Causes & Control*
 Reviewer for *Cancer Epidemiology Biomarkers & Prevention*
 Reviewer for *Cancer Epidemiology*
 Reviewer for *Cancer Medicine*
 Reviewer for *International Journal of Cancer*
 Reviewer for *Medicine & Science in Sports & Exercise*
 Reviewer for *PLOS ONE*

SCHOLASTIC HONORS

2021 NCI Awardee Skills Development Consortium (NASDC) Immuno-oncology for the Translational Researcher Short Course
 2021 NCI TREC (Transdisciplinary Training in Energetics & Cancer) Fellow
 2021 NCI Awardee Skills Development Consortium (NASDC) Advanced Course on Mentorship and Leadership on Cancer-Related Health Disparities
 2020 Five for the Fight Fellow, Huntsman Cancer Institute, University of Utah
 2019 Utah Health Equity Leadership & Mentoring (U-HELM) Scholar, University of Utah
 2017 Scholar-in-Training Award, American Association for Cancer Research, Washington, DC

 2016 Hutch United Travel Scholarship Award, Fred Hutchinson Cancer Research Center, Seattle, WA
 2016 Scholarship Award, Summer Institute for Big Data, Department of Biostatistics, University of Washington School of Public Health, Seattle, WA
 2016 Outstanding Postdoctoral Fellow, Student/Postdoc Council, Fred Hutchinson Cancer Research Center, Seattle, WA
 2015 Travel Award, Student/Postdoc Council, Fred Hutchinson Cancer Research Center, Seattle, WA

2015	New Investigator Award, 39th Annual Meeting of the American Society of Preventive Oncology, Birmingham, AL
2014	Fellow, Future Faculty Fellows Program, University of Washington, Seattle, WA
2014	Course Scholarship Award, Student/Postdoc Council, Fred Hutchinson Cancer Research Center
2013	Postdoctoral Research Fellow, NCI R25 Cancer Prevention Training Grant (PI: Emily White), National Cancer Institute
2011	Invited Speaker, 10th Annual International Conference on Frontiers in Cancer Prevention Research, American Association for Cancer Research, Boston, MA
2007	Research Scholar, Tobacco Studies Program, University of Washington School of Public Health, Seattle, WA
2005	University Graduate Fellow, Ohio State University College of Public Health, Columbus, OH
2005	JN Tata Scholar, JN Tata Endowment for the Higher Education of Indians, Mumbai, India

ADMINISTRATIVE EXPERIENCE

Administrative Duties

2020 - Present	Member, Equity Diversity & Inclusion Committee, Department of Population Health Sciences, University of Utah
2018 - Present	Co-leader, Colon Disease Oriented Team, Huntsman Cancer Institute, University of Utah
2018 - Present	Member, Leadership Team, GI Disease Center of Excellence, Huntsman Cancer Institute, University of Utah
2018 - 2022	Member, Admissions Committee, Department of Population Health Sciences, University of Utah
2017 - Present	Member, Curriculum Committee, Department of Population Health Sciences, University of Utah

Professional Organization & Scientific Activities

2022 - Present	Chair, American Society of Preventive Oncology, Molecular Environmental Epidemiology Scientific Interest Group
2021 – Present	Member and Co-Leader, ColoCare Study, Geriatric Oncology Working Group
2020 - Present	Member, Consortium of METabolomics Studies, (COMETS), National Cancer Institute
2020 - 2022	Vice-Chair, American Society of Preventive Oncology, Molecular & Environmental Epidemiology Scientific Interest Group
2019 - Present	Member, American Society of Preventive Oncology, ASPO Molecular & Environmental Epidemiology Special Interest Group
2017 - Present	Member and Co-Leader, ColoCare Study, Pathology Working Group
2015 - 2020	Member, International Survival Analysis of Colorectal Cancer Consortium

2015 - Present	Member, Genetics and Epidemiology of Colorectal Cancer Consortium
2013 - Present	Member, National Institutes of Health, National Heart, Lung, and Blood Institute, Women's Health Initiative, Cancer Scientific Interest Group

Grant Review Committee/Study Section

2020 - 2021	Reviewer, GI Disease Center Pilot Awards Program, Huntsman Cancer Institute
2020	Reviewer, Cancer Control Population Sciences Pilot Award Program, Huntsman Cancer Institute

Symposium/Meeting Chair/Coordinator

2022	Session Co-Chair, 47th Annual Meeting of the American Society of Preventive Oncology
2021	Member, American Association for Cancer Research, Population Sciences Section, Population Sciences Subcommittee of the Program Committee for the AACR Annual Meeting 2022
2021	Member, American Society of Preventive Oncology, Annual Meeting Planning Committee, ASPO Molecular & Environmental Epidemiology Special Interest Group
2021	Session Co-Chair, 46th Annual Meeting of the American Society of Preventive Oncology (Virtual)
2020	Session Co-Chair, Nature Conference, Transdisciplinary Cancer Interception: Leveraging Biology to Improve Prevention and Detection, Salt Lake City, UT
2019	Member, American Society of Preventive Oncology, Annual Meeting Planning Committee, ASPO Molecular Epidemiology and Environment Special Interest Group
2018	Session Co-Chair, 43rd Annual Meeting of the American Society of Preventive Oncology, Tampa, FL
2018	Session Co-Chair, American Society of Preventive Oncology, 43rd Annual Conference

PROFESSIONAL COMMUNITY ACTIVITIES

2019 - Present	Committee Member, Utah Colorectal Cancer Roundtable, National Colorectal Cancer Roundtable
2019 - Present	Member, Utah Cancer Action Network

UNIVERSITY COMMUNITY ACTIVITIES

University Level

2022	Invited Speaker, University of Utah, GMaP Career Development Workshop, "Early Career Panel: Setting the stage for success"
2021	Invited Speaker, University of Utah, GMaP Career Development Workshop, "Preparing a Competitive Application Packet for Faculty Jobs",
2020	Panelist, University of Utah, Lunch & Learn Series - Utah Postdoctoral Association, "Keys to a Successful Academic Job Search"
2019	Poster Session Judge, University of Utah, 2019 Postdoctoral Appreciation Week, Utah Postdoctoral Association

2019 Panelist, University of Utah, Lunch & Learn Series - Utah Postdoctoral Association, "Transitioning from Postdoc to a Faculty Position"

University of Utah Health

2017 - Member, Women in Health, Medicine & Science, University of Utah
Present

Department Level

2022 Search Committee, Population Health Sciences, Search Committee, Tenure Track Faculty Position in Cancer Epidemiology

2020 - Member, Population Health Sciences, Graduate Training Program, Equity, Diversity & Present Inclusion Committee, University of Utah

2020 Member, Population Health Sciences, Search Committee, Tenure Track Faculty Position in Cancer Epidemiology

2020 Member, Huntsman Cancer Institute, Search Committee, Tenure Track Faculty Position for Senior Director of Cancer Control and Population Sciences

2018 - 2021 Member, Population Health Sciences, Graduate Training Program, Admissions Committee, University of Utah

2017 - Member, Population Health Sciences, Graduate Training Program, Curriculum Present Committee, University of Utah

Programs, Centers & Institutes

2019 - Member, Huntsman Cancer Institute, Gastrointestinal Disease Center Leadership Team Present

2019 - Co-Organizer, Huntsman Cancer Institute, Molecular Epidemiology Research Grant Present Brainstorming Group

2018 Poster Session Judge, Huntsman Cancer Institute, HCI Trainee Symposium

2018 - 2019 Member, Huntsman Cancer Institute, Mobile Cancer Screening Bus Committee

2018 - Co-Leader, Huntsman Cancer Institute, Colorectal Cancer Research Group Present

SERVICE AT PREVIOUS INSTITUTIONS

2016 Poster Session Judge, Fred Hutchinson Cancer Research Center, Summer Undergraduate Research Program

2013 - 2016 Member, Fred Hutchinson Cancer Research Center, Cancer Epidemiology and Cancer Prevention, Post-Doctoral Forum

CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Association for Cancer Research

American Society of Preventive Oncology

Consortium of METabolomics Studies

Genetics and Epidemiology of Colorectal Cancer Consortium

Women's Health Initiative

FUNDING

Active Grants

- 03/15/22 - NIA R01 AG074989
03/14/27 *Informing optimal first-line antihypertensive therapy: A rigorous comparative effectiveness analysis of ARBs vs ACEIs on long-term risk of dementia, cancer, heart disease, and quality of life.*
Principal Investigator(s): Adam Bress; Jordana Cohen
Direct Costs: \$1,989,698 Total Costs: \$3,034,289
Role: Co-Investigator
- 01/01/22 - Utah Grand Challenges, University of Utah and Intermountain Healthcare
12/31/22 *Melanoma Mortality and Recurrence in Utah*
Principal Investigator(s): Douglas Grossman; Jennifer A. Doherty; Tawnya L. Bowles
Direct Costs: \$170,000 Total Costs: \$170,000
Role: Co-Investigator
- 09/01/21 - NCI U01 CA206110
08/31/26 *Transdisciplinary team science in colorectal cancer prognosis: The ColoCare Study*
Principal Investigator(s): Adetunji Toriola; Christopher Li; Cornelia Ulrich (00991242); David Shibata; Erin Siegel; Jane Figueiredo; Martin Schneider
Direct Costs: \$7,786,095 Total Costs: \$7,786,095
Role: Co-Investigator
- 07/01/21 - Huntsman Cancer Institute, FY21 Colorectal Cancer Research Group Pilot Projects
06/30/23 Award Program
The impact of obesity and bariatric surgery on colorectal cancer screening and risk.
Principal Investigator(s): Sheetal Hardikar; Anna R. Ibele (00983314)
Direct Costs: \$7,500 Total Costs: \$7,500
Role: Co-Principal Investigator
- 09/01/20 - Huntsman Cancer Institute, Five for the Fight Fellowship Program
08/31/23 *Chemo-and immune-therapy induce hyperglycemia, diabetes and metabolic syndrome among colorectal cancer and melanoma survivors in Utah*
Principal Investigator(s): Sheetal Hardikar
Direct Costs: \$150,000 Total Costs: \$150,000
Role: Principal Investigator
- 04/01/20 - Huntsman Cancer Institute, FY 20 GI Disease Center of Excellence Pilot Projects Award
03/31/23 Program
Leveraging genomic data to determine the shared genetics of diabetes and cancer
Principal Investigator(s): Sheetal Hardikar
Direct Costs: \$7,500 Total Costs: \$7,500
Role: Principal Investigator
- 07/01/19 - Utah State Cancer Plan Implementation Grant
06/30/22 *Leveraging an existing mobile health clinic to decrease structural and financial barriers to colorectal cancer screening*
Principal Investigator(s): Sheetal Hardikar; Jessica N. Cohan
Direct Costs: \$45,000 Total Costs: \$45,000
Utah Cancer Action Network
Role: Co-Principal Investigator
- 09/01/18 - NCI K07 CA222060
08/31/23 *Diabetes, medications, and the cost-effectiveness of colorectal cancer screening*

Principal Investigator(s): Sheetal Hardikar
Direct Costs: \$732,190 Total Costs: \$790,765
National Cancer Institute
Role: Principal Investigator

Pending Grants

12/01/22 - NCI R01 CA265911
11/30/27 *Treatment-induced hyperglycemia, diabetes, and metabolic syndrome among melanoma survivors in Utah*
Principal Investigator(s): Sheetal Hardikar
Direct Costs: \$2,368,047 Total Costs: \$3,611,271
National Cancer Institute
Role: Principal Investigator

4/01/23 - NCI R01 AG081329
3/31/28 *Frailty and biomarkers of biologic aging in older adults with colorectal cancer*
Principal Investigator(s): Sheetal Hardikar
Direct Costs: \$2,413,285 Total Costs: \$3,760,993
National Cancer Institute
Role: Principal Investigator

Past Grants

02/15/21 - University of Utah's Driving out Diabetes, a Larry H. Miller Wellness Initiative
02/14/22 *Treatment and lifestyle determinants of type-II diabetes risk and consequences among cancer survivors*
Principal Investigator(s): Mary C Playdon (06017378)
Direct Costs: \$40,000 Total Costs: \$40,000
Role: Co-Investigator

04/01/20 - University of Utah Cancer Control and Population Sciences Pilot Projects Award
04/01/21 Program, Huntsman Cancer Institute, University of Utah Center for Clinical and Translational Sciences Seed Grant
Feasibility and acceptability of time restricted feeding among Native Hawaiian/Pacific Islander women at risk for endometrial cancer
Principal Investigator(s): Mary C Playdon (06017378)
Direct Costs: \$30,000 Total Costs: \$60,000
University of Utah Cancer Control and Population Sciences Pilot Project Awards Program
Role: Co-Investigator

03/01/20 - Andrew S. Weyrich, Vice President for Research Incentive Seed Grant Program
02/28/21 *Exploring the Etiology of Diabetes after Endometrial Cancer Diagnosis using 'Omics Technology*
Principal Investigator(s): Mary C Playdon (06017378)
Direct Costs: \$22,500 Total Costs: \$22,500
Role: Co-Investigator

02/01/20 - University of Utah Cancer Control and Population Sciences Pilot Projects Award
01/31/22 Program, Huntsman Cancer Institute
Sarcopenic Obesity in Colorectal Cancer Patients - Associations of Systemic Markers of Adipose and Muscle Tissue with Clinical Outcomes
Principal Investigator(s): Jennifer Ose (06003997)

- Direct Costs: \$20,500 Total Costs: \$20,500
Role: Co-Investigator
- 12/23/19 - FY20 Women's Cancers Center Research Seed Grant, Huntsman Cancer Institute
12/23/20 *Feasibility and Acceptability of Time Restricted Feeding among Endometrial Cancer Patients*
Principal Investigator(s): Mary C Playdon (06017378)
Direct Costs: \$35,000 Total Costs: \$35,000
Role: Co-Investigator
- 11/15/19 - University of Utah's Driving Out Diabetes, a Larry H. Miller Wellness Initiative
05/15/21 *Incidence and Persistence of cancer-therapy induced hyperglycemia among cancer patients in the first year after diagnosis*
Principal Investigator(s): Sheetal Hardikar
Direct Costs: \$50,000 Total Costs: \$50,000
University of Utah's Driving Out Diabetes, a Larry H. Miller Wellness Initiative
Role: Principal Investigator
- 11/01/19 - The Greater Plains Collaborative Clinical Research Network *Diabetes, Medications &*
09/30/21 *Risk of Colorectal Cancer*
Principal Investigator(s): Sheetal Hardikar
Direct Costs: \$16,000 Total Costs: \$16,000
The Greater Plains Collaborative Clinical Research Network
Role: Principal Investigator
- 09/01/16 - NCI U01 Opportunities for Collaborative Research at the NIH Clinical Center
08/31/21 *Transdisciplinary team science in colorectal cancer prognosis: The ColoCare Consortium*
Principal Investigator(s): Ulrich/Colditz/Figueiredo/Li/Siegel
Direct Costs: \$7,786,095 Total Costs: \$8,849,805
National Cancer Institute
Role: Co-Investigator
- 09/01/16 - NIH R25 CA 094880 Pilot Funds
10/16/17 *Leukocyte telomere length differences and survival after colorectal cancer diagnosis*
Principal Investigator(s): Sheetal Hardikar; E White
National Institutes of Health
Role: Principal Investigator
- 01/01/14 - NIH P30 CA015704 Pilot Funds
12/31/15 *Telomere length differences among colorectal polyps*
Principal Investigator(s): Sheetal Hardikar; A Phipps; L Corey
National Institutes of Health
Role: Principal Investigator

RESEARCH EXPERIENCE

- 2013 - 2017 **Postdoctoral Research Fellow**, Fred Hutchinson Cancer Research Center, Seattle, WA
- Leading and collaborating on multiple projects related to molecular biology, etiology and prognosis of gastrointestinal cancers (including colorectal, gastric, and esophageal cancers), designing studies to elucidate pathways for gastrointestinal cancer incidence and survival

- 2008 - 2013 **Predoctoral Research Associate**, Fred Hutchinson Cancer Research Center, Seattle, WA
 - Followed a long-standing cohort of persons with Barrett's esophagus for the identification of environmental and host factors that may predict progression to esophageal adenocarcinoma
- 2007 - 2009 **Research Associate**, University of Washington School of Public Health, Collaborative Health Studies Coordinating Center, Seattle, WA
 - Provided analytical support to several research projects in the Cardiovascular Health Study
- 2007 **Project Coordinator**, Ohio State University College of Education and Human Ecology, Columbus, OH
 - Conducted in-person interviews of undergraduate fraternity members to assess the effects of alcohol on youth
- 2006 - 2007 **Research Associate**, Ohio State University College of Public Health, Columbus, OH
 - Assisted on projects characterizing smoking behaviors in women and tobacco harm reduction

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Course and Curriculum Development

- 2018 - Present Molecular Epidemiology, PHS 7120
 Course Instructor, Population Health Sciences

Courses Directed

- 2018 - Present Molecular Epidemiology, PHS 7120
 Course Director, Population Health Sciences, University of Utah

Course Lectures

- 2021 PI, 7120: Molecular Epidemiology: Molecular Epidemiology, 4 students, University of Utah, S. F. E. School of Medicine
- 2021 PI, 7840: Independent Study: Independent Study, 1 student, University of Utah, S. F. E. School of Medicine
- 2019 Guest Lecturer, N7885: T32 Seminar: Cancer, Caregiving, and End-of-Life Care, 2 hours
- 2019 PI, 7120: Molecular Epidemiology: Molecular Epidemiology, 3 students, University of Utah, S. F. E. School of Medicine
- 2019 PI, 7120: Molecular Epidemiology: Molecular Epidemiology, 3 students, University of Utah, School of Medicine
- 2018 - 2019 Guest Lecturer, 6302: Cancer Epidemiology, Family & Preventative Medicine, University of Utah, PBHLT
- 2018 - 2019 Guest Lecturer, 7115: Clinical and Translational Epidemiology Seminar, Population Health Sciences, University of Utah, PHS
- 2017 - Present Guest Lecturer, 7110: Epidemiology Theory and Methods, Population Health Sciences, University of Utah, PHS

2016 - 2017	Guest Lecturer, Cancer Biology 100 Course Series, Fred Hutchinson Cancer Research Center, Cancer from a Population Perspective
2016	Guest Lecturer, Biomedical Research Integrity Series, Fred Hutchinson Cancer Research Center, Responsible Authorship
2014	Guest Lecturer, EPI 540: Cancer Biology, University of Washington School of Public Health, Inflammation and Cancer
2008 - 2009	Teaching Assistant, EPI 513: Epidemiology Methods II, University of Washington School of Public Health, Core Epidemiology Course
2008 - 2009	Teaching Assistant, EPI 512: Epidemiology Methods I, University of Washington School of Public Health, Core Epidemiology Course

Mentoring/Advising

Faculty

2022	Peer Mentor, Tsegaselassie Workalemahu, Department of Obstetrics & Gynecology, University of Utah
2022	Utah Health Equity Leadership & Mentoring (U-HELM) Mentor, Ghulam Mohyuddin, U-HELM Fellow, Department of Internal Medicine, University of Utah

Fellow

2020	Utah Health Equity Leadership & Mentoring (U-HELM) Mentor, Siobahan Aaron, U-HELM Fellow, University of Utah
2019 - Present	Advisor/Mentor, Richard Viskochil, Population Health Sciences, University of Utah, Funded by University of Utah's Driving Out Diabetes, Larry H. Miller Wellness Initiative

Trainee's Current Career Activities: Assistant Professor, Department of Exercise and Health Sciences, University of Massachusetts, Boston.

PhD/Doctorate

2022 - Present	Mentor, Rachel Hoobler, Nutritional and Integrative Physiology, University of Utah
2020 - Present	Primary Mentor & Dissertation Committee Chair, Maci Winn, Population Health Sciences, University of Utah <i>Trainee's Current Career Activities:</i> Awarded NIH T32 Metabolism Training Grant Pre-doctoral fellowship, 2022
2019 - Present	Mentor & Dissertation Committee Member, Lacie Peterson, Nutritional and Integrative Physiology, University of Utah
2019 - Present	Mentor & Dissertation Committee Member, Prasoon Karra, Nutritional and Integrative Physiology, University of Utah, Awarded F99/K00 NCI Pre-doctoral fellowship in 2021
2019 - Present	Mentor & Dissertation Committee Member, Ryzen Benson, Biomedical Informatics, University of Utah
2018 - Present	Mentor, Dissertation Committee Member, and PhD Qualifying Exam Chair, Caroline Himbert, Population Health Sciences, University of Utah

Masters

2017 - 2018	Mentor, Hang Yin, Epidemiology, University of Washington
-------------	--

2014 Internship Supervisor, Zhe Wang, Wageningen University & Research

Medical Student

2022 - Summer Internship Mentor, Candace Winterton, University of Utah
Present

2019 - 2020 Summer Internship Mentor, Maci Winn, School of Medicine, University of Utah

2019 - Medical Internship Mentor, Svenja Pauleck, University of Leipzig, University of Leipzig
Present Summer Internship Program, Leipzig, Germany

2018 - 2019 Summer Internship Mentor, Richard Albrechtsen, School of Medicine, University of Utah

Undergraduate

2022 - Summer Internship Mentor, Siya Pandit, University of California, Berkeley
Present

2016 Internship Supervisor, Jessica Li, University of Washington

Graduate Student Committees

2022 - Chair, Maci Winn, University of Utah, Department of Population Health Sciences
Present

2022 - Member, Rachel Hoobler, University of Utah, Department of Nutritional and Integrative
Present Physiology

2019 - Member, Ryzen Benson, University of Utah, Department of Biomedical Informatics
Present

2019 - 2022 Member, Lacie Peterson, University of Utah, Department of Nutritional and Integrative
Physiology

2019 - 2022 Member, Prasoon Karra, University of Utah, Department of Nutritional and Integrative
Physiology

2018 - 2022 Member & PhD Qualifying Exam Chair, Caroline Himbert, University of Utah,
Department of Population Health Sciences

Independent Study Supervised

Fall 2021 Independent Study, Maci Winn, Department of Population Health Sciences, University of
Utah, Graduate Student

Fall 2016 Independent Study Supervisor, Jessica Li, Department of Public Health, University of
Washington, Undergraduate student

Additional Teaching Contribution

2010 - 2012 Tutor, Epidemiology Methods I, Departments of Global Health and Epidemiology,
University of Washington, Core Epidemiology Course

2010 - 2012 Tutor, Epidemiology Methods II, Departments of Global Health and Epidemiology,
University of Washington, Core Epidemiology Course

PEER-REVIEWED JOURNAL ARTICLES

***Equal contribution as first or senior author**

§ Trainee as first author

1. Ose J, Gigic B, **Hardikar S**, Lin T, Himbert C, Warby CA, Peoples AR, Lindley CL, Boehm J, Schrotz-King P, Figueiredo JC, Toriola AT, Siegel EM, Li CI, Ulrich A, Schneider M, Shibata D, Ulrich CM (2022). Pre-surgery adhesion molecules and angiogenesis biomarkers are differently associated with outcomes in colon and rectal cancer: Results from the ColoCare Study.(Epub ahead of print). *Cancer Epidemiol Biomarkers Prev*.
2. Yang WY, Izzi B, Bress AP, Thijs L, Citterio L, Wei FF, Salvi E, Delli Carpini S, Manunta P, Cusi D, Hoylaerts MF, Luttun A, Verhamme P, **Hardikar S**, Nawrot TS, Staessen JA, Zhang ZY (2022). Association of colorectal cancer with genetic and epigenetic variation in PEAR1-A population-based cohort study. *PLoS One*, 17(4), e0266481.
3. Karra P[§], Winn M, Pauleck S, Bulsiewicz-Jacobsen A, Peterson L, Coletta A, Doherty JA, Ulrich CM, Summers SA, Gunter MJ, **Hardikar S***, Playdon MC* (Accepted for publication at Obesity on Mar 9; 2022.). Metabolic dysfunction and obesity-related cancers: beyond obesity and metabolic syndrome. *Obesity*.
4. Pauleck SC[§], Cawthon RM, Gigic B, Warby CA, Sinnott J, Lin T, Ose J, Peoples AR, Boehm J, Schrotz-King P, Koelsch T, Li C, Shibata D, Siegel EM, Figueiredo JC, Toriola AT, Schneider M, Ulrich AB, Ulrich CM, **Hardikar S** (2022). Association of telomere length with overall survival in colorectal cancer patients: Results from the ColoCare Study. *J Geriatr Oncol*.
5. Eisele Y, Mallea PM, Gigic B, Stephens WZ, Warby CA, Buhrke K, Lin T, Boehm J, Schrotz-King P, **Hardikar S**, Huang LC, Pickron TB, Scaife CL, Viskochil R, Koelsch T, Peoples AR, Pletneva MA, Bronner M, Schneider M, Ulrich AB, Swanson EA, Toriola AT, Shibata D, Li CI, Siegel EM, Figueiredo J, Janssen KP, Hauner H, Round J, Ulrich CM, Holowatyj AN, Ose J (2021). Fusobacterium nucleatum and Clinicopathologic Features of Colorectal Cancer: Results From the ColoCare Study. *Clin Colorectal Cancer*, 20(3), e165-e172.
6. Stewart KL, Gigic B, Himbert C, Warby CA, Ose J, Lin T, Schrotz-King P, Boehm J, Jordan KC, Metos J, Schneider M, Figueiredo JC, Li CI, Shibata D, Siegel E, Toriola AT, **Hardikar S***, Ulrich CM* (2021). Association of Sugar Intake with Inflammation- and Angiogenesis-Related Biomarkers in Newly Diagnosed Colorectal Cancer Patients. *Nutr Cancer*, 74(5), 1-8.
7. Himbert C, Figueiredo JC, Shibata D, Ose J, Lin T, Huang LC, Peoples AR, Scaife CL, Pickron B, Lambert L, Cohan JN, Bronner M, Felder S, Sanchez J, Dessureault S, Coppola D, Hoffman DM, Nasserri YF, Decker RW, Zaghiyan K, Murrell ZA, Hendifar A, Gong J, Firoozmand E, Gangi A, Moore BA, Cologne KG, El-Masry MS, Hinkle N, Monroe J, Mutch M, Bernadt C, Chatterjee D, Sinanan M, Cohen SA, Wallin U, Grady WM, Lampe PD, Reddi D, Krane M, Fichera A, Moonka R, Herpel E, Schirmacher P, Kloor M, von Knebel-Doeberitz M, Nattenmueller J, Kauczor HU, Swanson E, Jedrzkiewicz J, Schmit SL, Gigic B, Ulrich AB, Toriola AT, Siegel EM, Li CI, Ulrich CM, **Hardikar S** (2021). Clinical Characteristics and Outcomes of Colorectal Cancer in the ColoCare Study: Differences by Age of Onset. *Cancers (Basel)*, 13(15).
8. Khan S, **Hardikar S**, Reeves KW, Wetter DW, Burton-Chase AM (2021). Strategies for Success: Landing Your First Academic Position and Navigating the Early Years-A Report from the American Society of Preventive Oncology's Early Career Investigator Special Interest Group. *Cancer Epidemiol Biomarkers Prev*, 30(1), 233-236.
9. Viskochil R, Gigic B, Lin T, Skender S, Böhm J, Schrotz-King P, Steindorf K, Owen R, Figueiredo JC, Li CI, Siegel EM, **Hardikar S**, Shibata D, Toriola AT, Schneider M, Ulrich A, Ulrich CM, Ose J (2020). Associations between physical activity, sedentary behavior, and urinary oxidized guanine in colorectal cancer patients: results from the ColoCare Study. *Appl Physiol Nutr Metab*, 45(11), 1306-1309.

10. Yin H[§], **Hardikar S***, Lindstroem S, Hsu L, Anderson KE, Banbury BL, Berndt SI, Chan AT, Giovannucci EL, Harrison TA, Joshi AD, Nan H, Potter JD, Sakoda LC, Slattery ML, Schoen RE, White E, Peters U, Newcomb PA (2020). Telomere Maintenance Variants and Survival after Colorectal Cancer: Smoking- and Sex-Specific Associations. *Cancer Epidemiol Biomarkers Prev*, 29(9), 1817-1824.
11. Jarvik GP, Wang X, Fontanillas P, Kim E, Chanprasert S, Gordon AS, Bastarache L, Kowdley KV, Harrison T, Rosenthal EA, Stanaway IB, Bézieau S, Weinstein SJ, Newcomb PA, Casey G, Platz EA, Visvanathan K, Le Marchand L, Ulrich CM, **Hardikar S**, Li CI, van Duijnhoven FJB, Gsur A, Campbell PT, Moreno V, Vodička P, Brenner H, Chang-Claude J, Hoffmeister M, Slattery ML, Gunter MJ, Aglago EK, Castellví-Bel S, Kweon SS, Chan AT, Li L, Zheng W, Bishop DT, Giles GG, Rennert G, Offit K, Keku TO, Woods MO, Hampe J, Van Guelpen B, Gallinger SJ, de la Chapelle A, Hampel H, Berndt SI, Tangen CM, Lindblom A, Wolk A, Burnett-Hartman A, Wu AH, White E, 23andMe Research Team., Gruber SB, Jenkins MA, Mountain J, Peters U, Crosslin DR (2020). Hemochromatosis risk genotype is not associated with colorectal cancer or age at its diagnosis. *HGG Adv*, 1(1), 100010.
12. Hua X, Newcomb PA, Chubak J, Malen RC, Ziebell R, Kaminen A, Zhu LC, Upton MP, Wurscher MA, Thomas SS, Newman H, **Hardikar S**, Burnett-Hartman AN (2020). Associations between molecular characteristics of colorectal serrated polyps and subsequent advanced colorectal neoplasia. *Cancer Causes Control*, 31(7), 631-640.
13. Kiblawi R, Holowatyj AN, Gigic B, Brezina S, Geijssen AJMR, Ose J, Lin T, **Hardikar S**, Himbert C, Warby CA, Böhm J, Bours MJL, van Duijnhoven FJB, Gumpenberger T, Kok DE, Koole JL, van Roekel EH, Schrotz-King P, Ulvik A, Gsur A, Habermann N, Weijenberg MP, Ueland PM, Schneider M, Ulrich A, Ulrich CM, Playdon M (2020). One-carbon metabolites, B vitamins and associations with systemic inflammation and angiogenesis biomarkers among colorectal cancer patients: results from the ColoCare Study. *Br J Nutr*, 123(10), 1187-1200.
14. **Hardikar S**, Albrechtsen RD, Achaintre D, Lin T, Pauleck S, Playdon M, Holowatyj AN, Gigic B, Schrotz-King P, Boehm J, Habermann N, Brezina S, Gsur A, van Roekel EH, Weijenberg MP, Keski-Rahkonen P, Scalbert A, Ose J, Ulrich CM (2020). Impact of Pre-blood Collection Factors on Plasma Metabolomic Profiles. *Metabolites*, 10(5).
15. Holowatyj AN, Gigic B, Herpel E, Scalbert A, Schneider M, Ulrich CM, MetaboCCC Consortium, ColoCare Study (2020). Distinct Molecular Phenotype of Sporadic Colorectal Cancers Among Young Patients Based on Multi-omics Analysis. *Gastroenterology*, 158(4), 1155-1158.
16. Petrick JL, Li N, Anderson LA, Bernstein L, Corley DA, El Serag HB, **Hardikar S**, Liao LM, Liu G, Murray LJ, Rubenstein JH, Schneider JL, Shaheen NJ, Thrift AP, van den Brandt PA, Vaughan TL, Whiteman DC, Wu AH, Zhao WK, Gammon MD, Cook MB (2019). Diabetes in relation to Barrett's esophagus and adenocarcinomas of the esophagus: A pooled study from the International Barrett's and Esophageal Adenocarcinoma Consortium. *Cancer*, 125(23), 4210-4223.
17. Dashti SG, Li WY, Buchanan DD, Clendenning M, Rosty C, Winship IM, Macrae FA, Giles GG, **Hardikar S**, Hua X, Thibodeau SN, Figueiredo JC, Casey G, Haile RW, Gallinger S, Le Marchand L, Newcomb PA, Potter JD, Lindor NM, Hopper JL, Jenkins MA, Win AK (2019). Type 2 diabetes mellitus, blood cholesterol, triglyceride and colorectal cancer risk in Lynch syndrome. *Br J Cancer*, 121(10), 869-876.
18. Ose J, Gigic B, Lin T, Liesenfeld DB, Böhm J, Nattenmüller J, Scherer D, Zielske L, Schrotz-King P, Habermann N, Ochs-Balcom HM, Peoples AR, **Hardikar S**, Li CI, Shibata D, Figueiredo J, Toriola AT, Siegel EM, Schmit S, Schneider M, Ulrich A, Kauczor HU, Ulrich CM (2019). Multiplatform Urinary Metabolomics Profiling to Discriminate Cachectic from Non-Cachectic Colorectal Cancer Patients: Pilot Results from the ColoCare Study. *Metabolites*, 9(9).

19. Burnett-Hartman AN, Chubak J, Hua X, Ziebell R, Kaminen A, Zhu LC, Upton MP, Malen RC, **Hardikar S**, Newcomb PA (2019). The association between colorectal sessile serrated adenomas/polyps and subsequent advanced colorectal neoplasia. *Cancer Causes Control*, 30(9), 979-987.
20. Holowatyj AN, Lewis MA, Pannier ST, Kirchhoff AC, **Hardikar S**, Figueiredo JC, Huang LC, Shibata D, Schmit SL, Ulrich CM (2019). Clinicopathologic and Racial/Ethnic Differences of Colorectal Cancer Among Adolescents and Young Adults. *Clin Transl Gastroenterol*, 10(7), e00059.
21. Himbart C, Ose J, Nattenmuller J, Warby C, Bohm J, Lin T, Holowatyj A, Haffa M, Gigic B, **Hardikar S**, Scherer D, Zielske L, Schrotz-King P, Kolsch T, Siegel E, Shibata D, Ulrich A, Schneider M, Hursting SD, Kauczor H, Ulrich CM (2019). Body fatness, adipose tissue compartments and biomarkers of inflammation and angiogenesis in colorectal cancer; the ColoCare Study. *Cancer Epidemiol Biomarkers Prev*, 28(1), 76-82.
22. Dashti SG, Win AK, **Hardikar SS**, Glombicki SE, Mallenahalli S, Thirumurthi S, Peterson SK, You YN, Buchanan DD, Figueiredo JC, Campbell PT, Gallinger S, Newcomb PA, Potter JD, Lindor NM, Le Marchand L, Haile RW, Hopper JL, Jenkins MA, Basen-Engquist KM, Lynch PM, Pande M (2018). Physical activity and the risk of colorectal cancer in Lynch syndrome. *Int J Cancer*, 143(9), 2250-2260.
23. Kocarnik JM, Chun KA, **Hardikar S**, Robinson J, Berndt SI, Chan AT, Figueiredo JC, Lindor NM, Song M, Schoen RE, Hayes RB, Potter JD, Nassir R, Bezieau S, Le Marchand L, Slattery ML, White E, Peters U, Newcomb PA (2018). Sex-stratified associations of leptin gene variants with colorectal cancer. *PLoS One*, 13(10).
24. Citronberg JS, **Hardikar S**, Phipps A, Figueiredo JC, Newcomb P (2018). Laxative type in relation to colorectal cancer risk. *Ann Epidemiol*, 28(10), 739-741.
25. Phipps AI, Shi Q, Zemla TJ, Dotan E, Gill S, Goldberg RM, **Hardikar S**, Jahagirdar B, Limburg PJ, Newcomb PA, Shields A, Sinicrope FA, Sargent DJ, Alberts SR (2018). Physical Activity and Outcomes in Patients with Stage III Colon Cancer: A Correlative Analysis of Phase III Trial NCCTG N0147 (Alliance). *Cancer Epidemiol Biomarkers Prev*, 27(6), 696-703.
26. **Hardikar S**, Burnett-Hartman AN, Phipps AI, Upton MP, Zhu LC, Newcomb PA (2018). Telomere length differences between colorectal polyp subtypes: a colonoscopy-based case-control study. *BMC Cancer*, 18(1), 513.
27. Kocarnik JM, Hua X, **Hardikar S**, Robinson J, Lindor NM, Win AK, Hopper JL, Figueiredo JC, Potter JD, Campbell PT, Gallinger S, Cotterchio M, Adams SV, Cohen SA, Phipps AI, Newcomb PA (2017). Long-term weight loss after colorectal cancer diagnosis is associated with lower survival: The Colon Cancer Family Registry. *Cancer*, 123(23), 4701-4708.
28. Hua X, Phipps AI, Burnett-Hartman AN, Adams SV, **Hardikar S**, Cohen SA, Kocarnik JM, Ahnen DJ, Lindor NM, Baron JA, Newcomb PA (2017). Timing of Aspirin and Other Nonsteroidal Anti-Inflammatory Drug Use Among Patients With Colorectal Cancer in Relation to Tumor Markers and Survival. *J Clin Oncol*, 35(24), 2806-2813.
29. Robinson JR, Newcomb PA, **Hardikar S**, Cohen SA, Phipps AI (2017). Stage IV colorectal cancer primary site and patterns of distant metastasis. *Cancer Epidemiol*, 48, 92-95.
30. **Hardikar S**, Burnett-Hartman AN, Chubak J, Upton MP, Zhu LC, Potter JD, Newcomb PA (2017). Reproductive factors and risk of colorectal polyps in a colonoscopy-based study in western Washington State. *Cancer Causes Control*, 28(3), 241-246.
31. **Hardikar S**, Johnson LG, Malkki M, Petersdorf EW, Galloway DA, Schwartz SM, Madeleine MM (2015). A population-based case-control study of genetic variation in cytokine genes associated with risk of cervical and vulvar cancers. *Gynecol Oncol*, 139(1), 90-6.

32. **Hardikar S**, Song X, Risques RA, Montine TJ, Duggan C, Blount PL, Reid BJ, Anderson GL, Kratz M, White E, Vaughan TL (2015). Obesity and inflammation markers in relation to leukocyte telomere length in a cross-sectional study of persons with Barrett's esophagus. *BMC Obes*, 2, 32.
33. **Hardikar S**, Newcomb PA, Campbell PT, Win AK, Lindor NM, Buchanan DD, Makar KW, Jenkins MA, Potter JD, Phipps AI (2015). Prediagnostic Physical Activity and Colorectal Cancer Survival: Overall and Stratified by Tumor Characteristics. *Cancer Epidemiol Biomarkers Prev*, 24 (7), 1130-7.
34. **Hardikar S**, Onstad L, Song X, Wilson AM, Montine TJ, Kratz M, Anderson GL, Blount PL, Reid BJ, White E, Vaughan TL (2014). Inflammation and oxidative stress markers and esophageal adenocarcinoma incidence in a Barrett's esophagus cohort. *Cancer Epidemiol Biomarkers Prev*, 23 (11), 2393-403.
35. **Hardikar S**, Song X, Kratz M, Anderson GL, Blount PL, Reid BJ, Vaughan TL, White E (2014). Intraindividual variability over time in plasma biomarkers of inflammation and effects of long-term storage. *Cancer Causes Control*, 25(8), 969-76.
36. Duggan C, Onstad L, **Hardikar S**, Blount PL, Reid BJ, Vaughan TL (2013). Association between markers of obesity and progression from Barrett's esophagus to esophageal adenocarcinoma. *Clin Gastroenterol Hepatol*, 11(8), 934-43.
37. **Hardikar S**, Onstad L, Blount PL, Odze RD, Reid BJ, Vaughan TL (2013). The role of tobacco, alcohol, and obesity in neoplastic progression to esophageal adenocarcinoma: a prospective study of Barrett's esophagus. *PLoS One*, 8(1), e52192.
38. Fitzpatrick AL, Kronmal RA, Kimura M, Gardner JP, Psaty BM, Jenny NS, Tracy RP, **Hardikar S**, Aviv A (2011). Leukocyte telomere length and mortality in the Cardiovascular Health Study. *J Gerontol A Biol Sci Med Sci*, 66(4), 421-9.
39. Ferketich AK, Pirie P, Wewers ME, Barquero D, **Hardikar S** (2008). Women and Tobacco Harm Reduction in Appalachia, Ohio. *J Smok Cessat*, 3(1), 40-6.
40. Binkley PF, Lesinski A, Ferguson JP, Hatton PS, Yamokoski L, **Hardikar S**, Cooke GE, Leier CV (2008). Recovery of normal ventricular function in patients with dilated cardiomyopathy: predictors of an increasingly prevalent clinical event. *Am Heart J*, 155(1), 69-74.

CONFERENCE PROCEEDINGS

1. Burnett-Hartman AN, Hua X, **Hardikar S**, Kaminen A, Chubak J, Newcomb PA (June 2018). The Association between sessile serrated polyps/adenomas and subsequent advanced colorectal neoplasia. *Digestive Diseases Week 2018*, Chicago, IL.
2. **Hardikar S**, Thomas S, Phipps AI, Newcomb PA (March 2018). Differences in leukocyte telomere length, measured using dried blood spot specimens, and survival after colorectal cancer diagnosis. *42nd Annual Meeting of the American society of Preventive Oncology*, Tampa, FL.
3. Kocarnik JM, Hua X, **Hardikar S**, Robinson J, Newcomb PA (March 2017). Patterns of multivitamin use after colorectal cancer diagnosis in association with long-term survival. *41st Annual Meeting of the American Society of Preventive Oncology*, Seattle, WA.
4. **Hardikar S**, Onstad L, Blount PL, Reid PJ, Vaughan TL (Oct 2011). Association of systemic markers of chronic inflammation & oxidative stress with esophageal adenocarcinoma in a cohort of Barrett's esophagus patients. *10th Annual AACR Conference - Frontiers in Cancer Prevention Research*, Boston, MA.

PENDING PUBLICATIONS

Journal Articles

1. Winn M[§], Karra P, Haaland B, Doherty JA, Summers SA, Litchman ML, Gunter MJ, Playdon M, **Hardikar S**. (In Press; Accepted for publication). Metabolic Dysfunction and Obesity-related Cancer: Results from the National Health and Nutrition Examination Survey. *Cancer Med*.
2. Pauleck S[§], Sinnott JA, Zheng U-L, Gadalla S, Viskochil R, Haaland B, Cawthon RM, Hoffmeister A, **Hardikar S**. (Under review). Association of telomere length with colorectal cancer risk and prognosis: A systematic review and meta-analysis. *Crit Rev Oncol Hematol*.
3. Himbert C, Stephens WZ, Gigic B, Holowatyj AN, Lin T, Ose J, Swanson E, Ashworth A, Warby CA, Peoples AR, Nix D, Jedrzkiewicz J, Bronner M, Pickron B, Courtney S, Cohan JN, Schrotz-King P, Habermann N, Boehm J, Figueiredo JC, Toriola AT, Siegel EM, Li CI, Ulrich AB, Shibata D, Boucher K, Huang LC, Schneider M, **Hardikar S**, Round JL, Ulrich CM (Under Review). Differences in gut microbiome abundances and diversity by physical activity levels and BMI among patients with colorectal cancer. *Eur J Cancer*.
4. Abmann ES, Ose J, Hathaway CA, Oswald LB, **Hardikar S**, Himbert C, Chellam V, Lin T, Ashworth A, Daniels B, Kirchhoff AC, Gigic B, Grossman D, Tward J, Varghese TK Jr; Shibata D, Figueiredo JC, Toriola AT, Beck A, Scaife C, Barnes CA, Matsen C, Ma DS, Colman H, Hunt JP, Jones KB, Lee CJ, Larson M, Onega T, Akerley WL, LI CI, Grady WM, Schneider M, Dinkel A, Islam JY, Gonzalez BD, Otto AK, Penedo FJ, Siegel EM, Tworoger SS, Ulrich CM, Peoples AR (Under review). Risk factors and health behaviors associated with loneliness among cancer survivors during the COVID-19 pandemic. *J Cancer Surviv*.
5. Himbert C, Ose J, Gigic B, Viskochil R, Santuci K, Lin T, Ashworth A, Cohan JN, Scaife CL, Jedrzkiewicz J, Damerell V, Atkins KM, Gong J, Mutch MG, Bernadt C, Felder S, Sanchez J, Cohen SA, Krane MK, Hinkle N, Wood E, Peoples AR, Figueiredo JC, Toriola AT, Siegel EM, Li CI, Shibata D, Boucher K, Round JL, Ulrich AB, Schneider M, Huang LC, **Hardikar S***, Ulrich CM* (Under review). Associations of combined physical activity and body mass index groups with colorectal cancer survival outcomes and recurrence. *Cancer Medicine*.
6. Adams TD, Meeks H, Fraser A, Davidson LE, Hashibe M, Holmen J, Newman M, Ibele AR, Playdon M, **Hardikar S**, Richards N, Hunt SC, Kim J (Under review). Cancer Outcomes up to 38 Years After Bariatric Surgery. *Annals of Internal Medicine*.

POSTER PRESENTATIONS

- | | |
|------|---|
| 2022 | Loomans-Kropp H, Umar A, ColoCare Study Team: Ose J, Lin T, Himbert C, Warby CA, Ashworth A, Hardikar S , Böhm J, Gigic B, Schrotz-King P, Zielske L, Schneider M, Ulrich AB, Shibata D, Figueiredo JC, Siegel EM, Li CI, Toriola AT, Ulrich CM. <i>An evaluation of the association between inflammation-associated biomarkers and microsatellite instability in colorectal cancer</i> . Presented at Digestive Diseases Week 2022, San Diego, CA |
| 2022 | Ose J, Yap J, Ta Van S, Covington MF, Gigic B, Nattenmüller J, Haaland B, Himbert C, Lin T, Hardikar S , Peoples AR, Ashworth A, Böhm J, Figueiredo JC, Toriola AT, Siegel EM, Li CI, Ulrich AB, Schneider M, Kauczor HU, Shibata D, Ulrich CM. <i>Body composition as a predictor of neo-adjuvant treatment-related toxicity in rectal cancer patients: Results from the ColoCare Study</i> . Presented at the Annual Meeting of the American Association of Cancer Research, New Orleans, LA |

- 2022 Ose J, Lin T, Himbert C, Warby C, **Hardikar S**, Böhm J, Gigic B, Schrotz-King P, Zielske L, Schneider M, Ulrich AB, Shibata D, Figueiredo JC, Siegel EM, Li CI, Toriola AT, Ulrich CM. *Prognostic Role of Systemic Inflammation in Colon and Rectal Cancer Patients: Results from the ColoCare Study*. Presented at the Annual Meeting of the American Association of Cancer Research, New Orleans, LA
- 2022 Lindley CL, Gigic B, Han C, Lin T, Peoples AR, Himbert C, Warby CA, **Hardikar S**, Ashworth A, Schneider M, Ulrich AB, Schrotz-King P, Figueiredo JC, Li CI, Shibata D, Siegel EM, Toriola AT, Ulrich CM, Syrjala KL, Ose J. *Associations between inflammation and angiogenesis biomarkers and cancer-related distress: results from the ColoCare Study*. Presented at the 46th Annual Meeting of the American Society of Preventative Oncology, Tucson, AZ
- 2022 **Hardikar S**, Weil CR, Lloyd S, Cohan JN, Supiano MA, Ose J, Peoples AR, Gupta S, Pelletier K, Extermann M, Siegel EM, Shibata D, Ulrich CM. *Survival outcomes in stage I-III colorectal cancer patients over 65 years of age: results from the National Cancer Database*. Presented at the 46th Annual Meeting of the American Society of Preventative Oncology, Tucson, AZ
- 2022 Loroña NC, **Hardikar S**, Ose J, Peoples AR, Ulrich CM, Ashworth A, Figueiredo JC, Gigic B, Toriola AT, Li CI. *Alcohol, smoking, and risk of colorectal cancer recurrence and all-cause mortality: Results from the ColoCare Study*. Presented at the 46th Annual Meeting of the American Society of Preventative Oncology, Tucson, AZ
- 2021 Benson R, Winterton C, Winn M, Liu M, Abu-el-rub N, Hurdle J, Conway M, Gawron A, **Hardikar S**. *Colorectal Polyp Extraction System (CoPEX), a natural language processing pipeline to extract colorectal polyp characteristics from pathology reports*. Presented at the American Medical Informatics Association (AMIA) 2021 Annual Symposium; Oct 2021
- 2021 Winn M, Karra P, Haaland B, Gunter M, Playdon M, **Hardikar S**. *Metabolic Health Phenotype and Risk of Obesity Associated Cancer: Results from the National Health and Nutrition Examination Survey*. Presented at the Annual Meeting of the American Institute of Cancer Research (Virtual); Oct 2021
- 2021 Viskochil R, Pauleck S, Winn M, Funai K, Litchman M, Akerley W, Colman H, Ulrich CM, Playdon M, **Hardikar S**. *Prevalence and Persistence of post-diagnosis hyperglycemia in cancer patients*. Presented at the American Diabetes Association (ADA) 81st Scientific Sessions (Virtual); Jun 2021
- 2021 Viskochil R, Pauleck S, Winn M, Funai K, Litchman M, Akerley W, Colman H, Ulrich CM, Playdon M, **Hardikar S**. *Prevalence of acute diabetes complications following cancer diagnosis and treatment*. Presented at the American Diabetes Association (ADA) 81st Scientific Sessions (Virtual); Jun 2021
- 2021 **Hardikar S**, Pauleck S, Newcomb PA, Steuten L, Ulrich CM, Inadomi JM. *Diabetes, level of glycemic control, medications, and the risk of colorectal adenoma: A systematic review and meta-analysis*. Presented at Digestive Diseases Week 2021 (Virtual); May 2021.
- 2021 Karra P, Poss AM, Haaland B, Thompson HJ, Kim J, Adams T, Hunt SC, Smith KR, Summers SA, Colletta AM, **Hardikar S**, Playdon MC. *Metabolic Health Phenotype and risk of cancer in the Utah Obesity Cohort Study*. Presented at the 46th Annual Meeting of American Society of Preventative Oncology; Mar 2021

- 2020 Benson RM, Himbert C, Viskochil R, Nagx S, Conway M, Playdon M, **Hardikar S**. *Comparing incidence of diabetes-related complications among patients with and without cancer in a critical care setting using natural language processing*. Transdisciplinary Cancer Interception: Leveraging Biology to Improve Prevention and Detection, Salt Lake City, Utah 2020
- 2020 Winn M, Bulsiewicz A, Karra P, Playdon M, **Hardikar S**. *Metabolic Dysfunction Among Colorectal Cancer Survivors: Results from the National Health and Nutrition Examination Survey*. Presented as a Twitter Poster for the 45th Annual Meeting of American Society of Preventive Oncology; Mar 2020. (Meeting changed to a virtual conference due to COVID-19).
- 2020 Karra P, Poss A, Levitt J, Halaand B, Thompson H, Hunt S, Summers S, Coletta A, **Hardikar S**, Playdon M. *Metabolic Health Phenotype and Risk of Cancer in the Utah Obesity Cohort Study*. Transdisciplinary Cancer Interception: Leveraging Biology to Improve Prevention and Detection. Salt Lake City, Utah 2020
- 2020 Pauleck S, Cawthon RM, Gigic B, Warby CA, Lin T, Ose J, Peoples AR, Boehm J, Schrotz-King P, Koelsch T, Li CI, Shibata D, Siegel EM, Figueiredo JC, Toriola AT, Schneider M, Ulrich AB, Ulrich CM, **Hardikar S**. *Association of telomere length with overall survival in colorectal cancer patients: results from the ColoCare study*. Transdisciplinary Cancer Interception: Leveraging Biology to Improve Prevention and Detection. Salt Lake City, Utah 2020
- 2020 Himbert C, Holowatyj AN, Peoples A, Lin T, Warby C, Mallea PM, Eisele Y, **Hardikar S**, Stephens Z, Huang L, Pickron B, Scaife C, Bronner M, Pletneva M, Swanson EA, Round J, Figueiredo JC, Li C, Schneider M, Shibata D, Siegel E, Toriola AT, Ulrich CM, Ose J. *A pilot study of the association between fusobacterium nucleatum and lymphocytic reaction to colorectal cancer*. Transdisciplinary Cancer Interception: Leveraging Biology to Improve Prevention and Detection, Salt Lake City, Utah 2020
- 2020 Viskochil R, Gigic B, Skender S, Böhm J, Steindorf K, Owen R, Holowatyj AN, Himbert C, Lin T, Peoples A, **Hardikar S**, Figueiredo JC, Li CI, Siegel EM, Toriola AT, Ose J, and Ulrich CM. *Physical activity in colorectal cancer patients 12 months after resection: Results from the ColoCare Study*. American College of Sports Medicine Annual Meeting, San Francisco 2020
- 2019 Peoples AR, Gigic B, Ose J, Holowatyj AN, Mallea PM, Warby CA, Stephens WZ, **Hardikar S**, Schrotz-King P, Wolf JR, Ulrich AB, Swanson EA, Schneider M, Li CI, Shibata D, Siegel EM, Figueiredo JC, Toriola AT, Round J, Ulrich CM. *Association between pre-treatment Fusobacterium nucleatum and cancer pain at 6 months post-surgery in newly diagnosed colorectal cancer patients: Results from ColoCare Study*. ASCO Annual Meeting 2019, Chicago, IL.
- 2019 Peoples AR, Gigic B, Ose J, Warby C, Himbert C, **Hardikar S**, Boehm J, Schrotz-King P, Ulrich AB, Schneider M, Li CI, Shibata D, Siegel EM, Figueiredo JC, Toriola AT, Ulrich CM. *Association between chronotype and biomarkers of inflammation in colorectal cancer patients: Preliminary results from the ColoCare Study*. Poster Presentation, Society for Integrative Oncology 16th International Conference, New York, NY, 2019.

- 2019 Peoples AR, Gigic B, Ose J, Holowatyj AN, Mallea PM, Warby CA, Stephens WZ, **Hardikar S**, Schrotz-King P, Wolf JR, Ulrich AB, Swanson EA, Schneider M, Li CI, Shibata D, Siegel EM, Figueiredo JC, Toriola AT, Round J, Ulrich CM. *Pre-treatment Fusobacterium nucleatum and cancer pain in colorectal cancer patients: Results from ColoCare Study*. MASC Annual meeting 2019, San Francisco, CA.
- 2019 **Hardikar S**, Yin H, Lindstroem S, Hsu L, Anderson K, Banbury B, Berndt SI, Chan AT, Giovanucci AL, Harrison TA, Joshi AD, Nan H, Potter JD, Sakoda LC, Slattery ML, Schoen RE, White E, Peters U, Newcomb PA. *Telomere maintenance variants and survival after colorectal cancer: Smoking- and sex-specific associations*. Poster session presented at Annual Meeting of the American Association of Cancer Research, Atlanta, GA.
- 2019 Ose J, Lin T, **Hardikar S**, Himbert C, Bohm J, Gigic B, Schrotz-King P, Schneider M, Ulrich A, Ulrich CM. *Associations of weight change over time with disease-free and overall survival in colorectal cancer patients: Results from the ColoCare Cohort*. Poster session presented at Annual Meeting of the American Association of Cancer Research, Atlanta, GA.
- 2019 Hua X, Burnett-Hartman AN, Chubak J, Malen R, Ziebell R, Kaminen A, Zhu L, Upton MP, Newman H, **Hardikar S**, Newcomb PA. *Association between molecular characteristics of serrated polyps and subsequent advanced colorectal neoplasia*. Poster session presented at Annual Meeting of the American Association of Cancer Research, Atlanta, GA.
- 2019 Mallea PM, Warby CA, Stephens WZ, Gigic B, Buhrke K, Lin T, Bohm J, **Hardikar S**, Santori EK, Schrotz-King P, Schneider M, Ulrich AB, Swanson EA, Toriola AA, Round J, Ulrich CM, Holowatyj AN, Ose J. *Fusobacterium nucleatum and clinicopathologic features of colorectal carcinoma: results from the ColoCare Cohort*. Poster session presented at AACR Modernizing Population Sciences in the Digital Age, San Diego, CA.
- 2019 Burnett-Hartman AN, Hua X, **Hardikar S**, Kaminen A, Chubak J, Newcomb PA. *The association between sessile serrated polyps/adenomas and subsequent advanced colorectal neoplasia*. Poster session presented at Digestive Diseases Week 2018, Washington, D.C.
- 2018 Himbert C, Gigic B, Lin T, Schrotz-King P, Skender S, Ulrich A, Bohm J, **Hardikar S**, Ose J, Schneider M, Ulrich CM. *Physical activity is associated with cognitive, social, and emotional function in colorectal cancer patients: The Colocare Cohort*. Poster session presented at Annual Meeting of the Rocky Mountain Chapter of American College of Sports Medicine, Denver, CO.
- 2018 Albrechtsen RA, Ose J, Lin T, Achaintre D, Holowatyj AN, Playdon M, Gigic B, Schrotz-King P, Boehm J, Keski-Rahkonen P, Scalbert A, Ulrich CM, **Hardikar S**. *Impact of pre-blood collection factors on serum metabolomic profiles in healthy individuals*. Poster session presented at Fall Retreat of the Diabetes and Metabolism Research Center, University of Utah, Salt Lake City, UT.
- 2017 **Hardikar S**, Thomas S, Phipps AI, Newcomb PA. *Differences in leukocyte telomere length, measured using dried blood spot specimens, and survival after colorectal cancer diagnosis*. Poster session presented at 42nd Annual Meeting of the American Society of Preventative Oncology 2017, New York City, NY.

- 2017 **Hardikar S**, Li JS, He Q, Kocarnik J, Boyko EJ, Newcomb PA. *Association between metformin use and the risk of colorectal adenomas: A systematic review and meta-analysis*. Poster session presented at American Association for Cancer Research Annual Meeting, Washington, DC.
- 2017 Newman HR, Malen RC, Hua X, **Hardikar S**, Cohen SA, Newcomb PA. *Demographic and cancer-specific characteristics of persons who do not confirm a recent cancer diagnosis*. Poster session presented at 41st Annual Meeting of the American Society of Preventive Oncology, Seattle, WA.
- 2017 Chun KA, Kocarnik JM, **Hardikar S**, Robinson J, Berndt SI, Chan AT, Bezieau S, Le Marchand L, Slattery M, White E, Newcomb PA, for the GECCO Consortium. *Sex-stratified associations of leptin-related gene variants with colorectal cancer*. Poster session presented at 41st Annual Meeting of the American Society of Preventive Oncology, Seattle, WA.
- 2017 Phipps AI, Shi Q, Chan E, Gill S, Goldberg R, **Hardikar S**, Limburg PJ, Newcomb PA, Sinicrope FA, Zemla TJ, Sargent DJ, Alberts SR. *Pre-diagnostic physical activity and outcomes in patients with stage III colon cancer: A correlative analysis of phase III trial NCCTG N0147 (Alliance)*. Poster session presented at 41st Annual Meeting of the American Society of Preventive Oncology, Seattle, WA.
- 2017 **Hardikar S**, Hua X, Phipps AI, Campbell PT, Lindor NM, Figueiredo JC, Buchanan DD, Cotterchio M, Win AK, Ahnen D, Potter JD, Newcomb PA. *Physical activity in relation to overall and colorectal cancer specific survival in the Colon Cancer Family Registry*. Poster session presented at 41st Annual Meeting of the American Society of Preventive Oncology, Seattle, WA.
- 2016 Pande M, Win AK, Basen-Engquist K, **Hardikar S**, You YN, Jenkins MA, Peterson SK, Lynch PM. *Physical activity is inversely associated with colorectal cancer risk in Lynch syndrome*. Poster session presented at American Society of Human Genetics Annual Meeting, Vancouver, Canada.
- 2016 **Hardikar S**, Burnett-Hartman AN, Cohen SA, Newcomb PA. *Type-2 diabetes and risk of colorectal polyps in a colonoscopy-based study*. Poster session presented at American Association for Cancer Research Special Meeting: Colorectal Cancer – From Initiation to Outcomes, Tampa, FL.
- 2016 Robinson JR, Newcomb PA, **Hardikar S**, Cohen SA, Phipps AI. *Patterns of primary and metastatic disease in Stage IV colorectal cancer*. Poster session presented at 107th American Association for Cancer Research Annual Meeting, New Orleans, LA.
- 2016 Hua X, Adams SV, Phipps AI, Cohen SA, Burnett-Hartman AN, **Hardikar S**, Newcomb PA. *Pre- and post-diagnostic non-steroidal anti-inflammatory drug use and colorectal cancer survival in Seattle Colon Cancer Family Registry*. Poster session presented at 40th Annual Meeting of the American Society of Preventive Oncology, Columbus, OH.
- 2015 **Hardikar S**, Phipps AI, Burnett-Hartman AN, Makar KW, Newcomb PA. *Leukocyte telomere length differences among colorectal polyp subtypes in a colonoscopy-based study in western Washington State*. Poster session presented at 39th Annual Meeting of the American Society of Preventive Oncology, Birmingham, AL.

- 2015 Hua X, **Hardikar S**, Burnett-Hartman AN, Phipps AI, Newcomb PA. *Initiation of non-steroidal anti-inflammatory drug use in Seattle Colon Cancer Family Registry*. Poster session presented at 39th Annual Meeting of the American Society of Preventive Oncology, Birmingham, AL.
- 2014 **Hardikar S**, Burnett-Hartman AN, Newcomb PA. *Oral contraceptive use and risk of colorectal polyps in a colonoscopy based study in western Washington State*. Poster session presented at 13th Annual International Conference on Frontiers in Cancer Prevention Research, American Association for Cancer Research, New Orleans, LA.
- 2014 **Hardikar S**, Johnson L, Malkki M, Petersdorf E, Schwartz SM, Madeleine MM. *Genetic variation in immune response pathways and risk of cervical and vulvar cancers: a population-based case-control study*. Poster session presented at 29th Annual International Papillomavirus Conference & Clinical Workshops, Seattle, WA.
- 2014 **Hardikar S**, Song X, Kratz M, Anderson GL, Reid BJ, Vaughan TL, White E. *Intraindividual variability over time in plasma biomarkers of inflammation and effects of long-term storage*. Poster session presented at 47th Annual Meeting of the Society for Epidemiologic Research, Seattle, WA.
- 2014 **Hardikar S**, Newcomb PA, Passarelli MN, Campbell PT, Phipps AI. *Physical activity in relation to overall and colorectal cancer specific survival in the Seattle Colon Cancer Family Registry*. Poster session presented at 105th American Association for Cancer Research Annual Meeting, San Diego, CA.
- 2010 **Hardikar S**, Onstad L, Blount PL, Reid BJ, Vaughan TL. *Cohort study of obesity, tobacco, and alcohol and risk of neoplastic progression to esophageal adenocarcinoma in Barrett's esophagus*. Poster session presented at 9th Annual International Conference on Frontiers in Cancer Prevention Research, American Association for Cancer Research, Philadelphia, PA.
- 2007 **Hardikar S**, Sobotka P, Binkley P. *Diuretic Therapy Increases Plasma Volume in Patients with Congestive Heart Failure*. Poster session presented at 11th Annual Scientific Meeting of the Heart Failure Society of America, Washington, DC.

ORAL PRESENTATIONS

Meeting Presentations

International

- 2017 Kocarnik JM, Hua X, **Hardikar S**, Robinson J, Newcomb PA, for the Colon Cancer Family Registry. Patterns of multivitamin use after colorectal cancer diagnosis in association with long-term survival. Paper Session, 41st Annual Meeting of the American Society of Preventive Oncology, Seattle, WA
- 2011 **Hardikar S**, Onstad L, Blount PL, Reid BJ, Vaughan TL. Association of systemic markers of chronic inflammation and oxidative stress with esophageal adenocarcinoma in a cohort of Barrett's esophagus patients. 10th Annual International Conference on Frontiers in Cancer Prevention Research, American Association for Cancer Research, Boston, MA

Invited/Visiting Professor Presentations

International

- 2022 *Colorectal Cancer: Epidemiology of a Preventable Disease*. Northwestern University, Cancer Epidemiology Seminar, Chicago, IL (Virtual)
- 2022 **Hardikar S.** *The ColoCare Study: Transdisciplinary Team Science in Colorectal Cancer Prognosis* Cancer Consortia: Exemplars, Challenges & Solutions, 46th Annual meeting of the American Society of Preventive Oncology, Tucson, AZ
- 2019 *Inflammation, Comorbidities, and Colorectal Neoplasia: Prevention, Detection, and Survival*, Leeds Cancer Center, University of Leeds; Leeds, UK
- 2019 *Strategies for Success: Landing Your First Academic Position and Navigating the Early Years*, American Society of Preventative Oncology's Early Career Investigator Special Interest Group, Tampa, FL

Local/Regional

- 2022 - *Early Career Panel: Setting the Stage for Success*, GMap Region 6 Career Development Workshop, Salt Lake City, UT
- 2021 *Preparing a Competitive Application for Faculty Jobs*, GMaP Region 6 Career Development Workshop (Virtual)
- 2020 *The Role of Type-2 Diabetes in Cancer: Promotion, Progression, and Prognosis*, Joint Metabolism Group Research in Progress Meetings, University of Utah, Salt Lake City, UT
- 2019 *The Role of Telomeres in Gastrointestinal Neoplasia*, Colon Disease Oriented Team Seminar Series, Huntsman Cancer Institute, Salt Lake City, UT
- 2019 *Leveraging an existing mobile health clinic to decrease structural and financial barriers to colorectal cancer screening*; Utah Cancer Action Network Annual conference, Salt Lake City, UT
- 2017 *The Role of Inflammation in Gastrointestinal Neoplasia: Prevention, Detection, and Survival*, University of New Mexico Cancer Control Center, Albuquerque, NM
- 2017 *The Role of Inflammation in Gastrointestinal Neoplasia: Prevention, Detection, and Survival*, Huntsman Cancer Institute, Salt Lake City, UT