

CURRICULUM VITAE

Meng-Han Tsai, PhD
 Assistant Professor
 Department of medicine
 Georgia Prevention Institute at Augusta University
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EDUCATION

Sep 04-June 08	I-Shou University, Kaohsiung, Taiwan	Health Administration	BS
Sep 08- Jun 10	Kaohsiung Medical University, Kaohsiung, Taiwan	Health Administration	MS
Aug 11-May16	University of South Carolina, Columbia, SC	Health Services Policy and Management	PhD
Jun 16-Jul 18	University of South Carolina, Columbia, SC	Health Services Research, Epidemiology	Postdoctoral training

PROFESSIONAL**Academic Rank Appointments:**

Aug 07-Jan 09	Research Assistant, Department of Health Administration, I-Shou University, Taiwan
Sep 08-Jun 10	Research Assistant, Department of Health Administration, Kaohsiung Medical University, Taiwan
Aug 12-May 16	Research Assistant, Department of Health Services Policy and Management, University of South Carolina, USA
Jun 16-Jul 18	Research Associate, Department of Health Services Policy and Management, University of South Carolina, USA
Aug 18-Oct 21	Assistant Professor, Department of Health, Human Services and Public Policy, California State University-Monterey Bay, USA
Dec 21-present	Assistant Professor, Georgia Prevention Institute, Augusta University, USA Assistant Professor, Georgia Cancer Center, Augusta University, USA

Administrative Responsibilities/Appointments/Clinical Titles:

Mar 26-Present	Section Editor: Survivorship, Cancer Control (affiliated with Moffitt Cancer Center)
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Committee/Service Assignments:**1) National/international****Reviewer: Grants**

2023	The National Institute on Disability and Rehabilitation Research: Field Initiated Projects (March 28-30)
2025-Present	Member, Early Career Reviewer (ECR) program at the Center for Scientific Review (CSR), National Institutes of Health
2026	American Heart Association Data Science Grant

Reviewer: Journals

2016-2018	Prevention Chronic Disease
2018	International Journal of Health Policy and Management

2018	Journal of Preventive Medicine
2019	Journal of Gastroenterology, Hepatology and Endoscopy
2019	PLOS ONE
2018-present	Journal of Racial and Ethnic Health Disparities
2022-present	The Journal of Gastrointestinal Oncology
2023-present	Cancers
2023-present	Cancer Medicine
2023-present	Quality of life research
2023-present	BMC cancer
2024-present	Cancer Causes and Control
2024-present	Scientific Reports
2025-present	Journal of National Cancer Institute
2025-Present	Cancer Prevention Research

Reviewer: Conference abstracts

2018	American Public Health Association, 146 th Annual Meeting
2019	American Public Health Association, 147 th Annual Meeting
2020	American Public Health Association, 148 th Annual Meeting
2021	Academy Health, 2021 Annual Research Meeting- Social Determinants and Social Needs
2024	Society of Epidemiologic Research annual meeting
2025	American Society of Preventive Oncology annual meeting
2025	American Public Health Association Annual Meeting

Reviewer: Chapter

2019	Conducting Health Research: Principles, Process, and Methods, SAGE publishing
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Committee

2014	Assistant, CAHME accreditation, Department of Health Services Policy and Management, University of South Carolina
Mar-Apr 26	American Society of Preventive Oncology 2026 New Investigator Workshop (NIW) Mentor

2) Regional Service

2023- present	Georgia Colorectal Cancer Roundtable (ACCESS group)
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3) Local

Committee

Jan 19-Jan 20	Program development committee, Master of Public Health (MPH) program, California State University-Monterey Bay
Jan 19-May 21	University learning outcome (ULO) scholar: Quantitative reasoning, California State University-Monterey Bay
Jan 19-May 21	Assessment committee, Quantitative reasoning, California State University-Monterey Bay
Jan 21-Oct 21	Assessment committee, research methods and information literacy, California State University-Monterey Bay
May 22- present	Protocol Review and Monitoring Committee (PRMC), Georgia Cancer Center
2025- present	Cancer Relevance Committee, Georgia Cancer Center
2025- present	Outside Speaker Seminar Coordinator, Georgia Prevention Institute

Reviewer: Grants

2022 Paceline award, Georgia Cancer Center
2024 United in Flight, Georgia Cancer Center
2025 Intramural Grants Program (IGP), Augusta University

Reviewer: Conference Posters

2017 2017 Discovery Day, University of South Carolina (Poster reviewer)
2018 2018 Discovery Day, University of South Carolina (Poster reviewer)
2024 2024 Graduate Research Day, Augusta University (Poster reviewer)
2025 2025 Graduate Research Day, Augusta University (Poster reviewer)
2026 2026 Graduate Research Day, Augusta University (Poster reviewer)

Services

2026 Student engagement event, Under Pressure? Get to the Heart of the Matter?, Augusta University, Jan 20, 2026

Research and Training Grants Awarded

Active

Project title: Sex and racial differences in health care delivery after cancer diagnosis for early-onset colorectal cancer

Source: Augusta ROAR SCORE Pilot grant U54HL169191 Career Enhancement Core

Duration: Jun 25-May 26

Role: PI

Total cost: \$10,000

Effort: 0%

Project title: Pathways to Colorectal Cancer Diagnosis at an Underserved Community in Georgia

Source: Georgia Cancer Center, Augusta University

Duration: Jul 25-Jun 26

Role: PI

Total cost: \$50,000

Effort: 0%

Project title: Pathways to Prevention: Exploring Social Determinants of Health in Early Onset Colorectal Cancer

Source: National Cancer Institute (R21CA301113)

Duration: Apr 25-Mar 27

Role: MPI

Total cost: \$121,000

Effort: 15%

Project title: Impacting Cancer Health Disparities and Facilitating Cancer Health Equity in Breast, Multiple Myeloma, and Prostate Cancers in Underserved and Minority Population (The cancer- Community Awareness Access Research & Education (c-CARE II)

Source: Bristol-Myers Squibb Foundation

Duration: Aug 23-Feb 27

Role: Co-Investigator

Total cost: \$3,385,961

Effort: 10%

Project title: Alcohol and Substance Abuse Prevention Program (ASAPP); named changed to Partners in Prevention in 2021 (Burke County)

Source: State of Georgia

Duration: Oct 23-Sep 27

Role: Co-Investigator

Total cost: \$802,500

Effort: 5%

Project title: Alcohol and Substance Abuse Prevention Program (ASAPP); named changed to Partners in Prevention in 2021 (Jones County)

Source: State of Georgia

Duration: Oct 23-Sep 27

Role: Co-Investigator

Total cost: \$802,500

Effort: 5%

Project title: Alcohol and Substance Abuse Prevention Program (ASAPP); named changed to Partners in Prevention in 2021 (Richmond County)

Source: State of Georgia

Duration: Oct 23-Sep 27

Role: Co-Investigator

Total cost: \$802,500

Effort: 5%

Project title: The Study of Colorectal Cancer Risk Perceptions and Outcomes among Early-Onset Colorectal Cancer Survivors

Source: Georgia Cancer Center, Augusta University

Duration: Apr 24-Jun 26

Role: PI

Total cost: \$50,000

Effort: 0

Completed

Project title: Study of Latino Cancer Screening and Follow-up in a Remote Agricultural Community-SOLCS

Source: California State University-Monterey Bay

Duration: 2019-2021

Role: Co-Investigator

Total cost: \$8,250

Effort: 5%

Project title: The Study of Colorectal Cancer Incidence and Mortality in the State of Georgia, 2000-2018

Source: Georgia Cancer Center, Augusta University

Duration: Jul 22-Jun 24

Role: Principal Investigator

Total cost: \$25,000

Effort: 0

Project title: The Development of a Comprehensive Colorectal Cancer Database in the Augusta-Richmond County

Source: Georgia Cancer Center, Augusta University

Duration: Aug 23-Mar 25

Role: Principal Investigator

Total cost: \$50,000

Effort: 0

Pending

National Cancer Institute (R21-PAR-25-096), Cancer at the Crossroads: Translating Social Contexts into Actionable Insights for Early-Onset Colorectal Cancer Care (CROSS), Jul 1, 2026-Jun 30,2028. Role: PI (Efforts:17%).- Score 28 at 6 percentiles.

American Cancer Society-Research Scholar Grant, Cancer Awareness Navigation Versatility And Screening (CANVAS), Oct 1, 2026-Sep 30, 2030. Role: PI (Efforts:13%).

American Heart Association (Invited for full proposal). Cardiometabolic Burden in Relation to Early-Onset Colorectal and Breast Cancers, Jul 26-Jun 27. Role: PI (Efforts:15%).

Major Teaching Activities

International/National: Teaching

2022-present Guest Lecture, Department of Public Health, China Medical University, Taiwan, "Mixed research methods in cancer disparity research"

Local

Fall 18-Spr 19 California State University-Monterey Bay,CHHS385: Research Methods/Applied Statistics(4 units)

Fall 19-Fall 21 California State University-Monterey Bay,CHHS384: Quantitative analysis of survey data(3 units)

Fall 19-Fall 21 California State University-Monterey Bay,PH 320: Introduction to public health (3 units)

Spr 20/21 California State University-Monterey Bay, Love data week: Intro to SPSS

Jul 21 Biocord Network: Public Health in Action

Jun 22 Research Seminar, Georgia Prevention Institute, Augusta University, "Cancer health disparity-challenges and approaches"

2023-present Guest Lecture, Augusta University Biomedical program, Augusta University, "BIOM 8215: Cancer Epidemiology".

Local: Guest lectures

2024 Guest Lecture, MEDI6300: Career Paths in Medicine (CRN 31610), Augusta University, Jun 20, 2024, "Rurality matter: County-level colorectal cancer screening rates on colorectal cancer survival in the state of Georgia"

2024 Guest Lecture, MEDI6300: Career Paths in Medicine (CRN 31610), Augusta University, Sep 19, 2024, "Rurality matter: County-level colorectal cancer screening rates on colorectal cancer survival in the state of Georgia"

2025 GPI elective- cancer epidemiology

- 2025 Guest Lecture, MEDI6300: Career Paths in Medicine (CRN 31610), Augusta University, Jun 23, 2025, "The Rising Burden of Early-Onset Colorectal Cancer: What the Data Reveal"
- 2025 Guest Lecture, MEDI6300: Career Paths in Medicine (CRN 31610), Augusta University, Sep 22, 2025, "The Rising Burden of Early-Onset Colorectal Cancer: What the Data Reveal"

National: Mentoring

- 2018 Tai, Shih-Hui, Master of Business Administration Program in International Business
National Sun Yat-sen University, Taiwan, oral defense committee member

Local: Mentoring

- 2019-2021 Undergraduate researchers (four researchers), California State University-Monterey Bay
- 2021-2022 Albashir, G.M., Post-doctoral fellow, Georgia Cancer Center
- 2022-2024 Nettles, Darryl, Post-doctoral fellow, Georgia Cancer Center
- 2024 Grenurt, Caitlyn, Doctoral student, University of Kentucky
- Nov 23-Jun 25 Pollard, Elinita, Research staff, Augusta University
- 2024-present Adaramola, Tumi, Undergraduate student, Augusta University
- 2025-present Zhang, Dongyu, Medical student, Augusta University
- 2025-present Jamshidi, Parmida, Medical student, Augusta University

Active IRB Approved Research Projects in Progress:

1. Pathways to Colorectal Cancer Diagnosis at an Underserved Community in Georgia, #2324060, PI: Meng-Han Tsai, PhD.
2. Pathways to Prevention: Exploring Social Determinants of Health in Early Onset Colorectal Cancer, #103914 (under University of Kentucky), MPI: Justin X. Moore, PhD and Meng-Han Tsai, PhD.
3. Impacting Cancer Health Disparities and Facilitating Cancer Health Equity in Breast, Multiple Myeloma, and Prostate Cancers in Underserved and Minority Population (The cancer- Community Awareness Access Research & Education (c-CARE II), #1640358, PI: Marlo Vernon, PhD.
4. The Study of Colorectal Cancer Risk Perceptions and Outcomes among Early-Onset Colorectal Cancer Survivors, #2209722, PI: Meng-Han Tsai, PhD.
5. Cardiometabolic health risks in Hispanic farm-workers, #2200423, PI: Yanbin Dong, PhD.
6. Multilevel Determinants of Treatment Outcomes and Quality of Life in Myeloid Leukemia, #2328826, PI: Jorge Cortes, MD.

Major Professional Development activities, meetings

- Aug 23-Jun 24 Peer Mentoring Group, Faculty Affairs and Success, Augusta University
- Aug 24-Jun 26 Grant Mentorship Program, IPPH, Augusta University
- 2024 Representative of Georgia Cancer Center. 2024 Association of American Cancer Institutes (AACI) Leadership Diversity and Development Workshop, Mar 12-13, 2024
- 2025 Representative of Georgia Cancer Center. 2025 Association of American Cancer Institutes (AACI) Leadership Diversity and Development Workshop, Mar 11-12, 2025

AWARDS/HONORS

- 2008 Honorary Member at the Phi Tau Phi Scholastic Honor Society of the Republic of China.
- 2011-2012 Public Health Scholarship. University of South Carolina at Department of Health Services Policy and Management.
- 2013 *Colonoscopy screening among Americans with a family history of colorectal cancer*. Travel Award by The Graduate School, University of South Carolina at the American Public Health Association, 141st Annual Meeting, Boston, MA.
- 2013 *Colonoscopy screening among Americans with a family history of colorectal cancer*. Dean's Travel

- Award by Arnold School of Public Health, University of South Carolina at the American Public Health Association, 141st Annual Meeting, Boston, MA.
- 2014 *Racial disparities in colonoscopy screening among persons with a family history of colorectal cancer.* Dean's Travel Award by Arnold School of Public Health, University of South Carolina at the American Public Health Association, 142st Annual Meeting, New Orleans, LA.
- 2014 *Racial disparities in colonoscopy screening among persons with a family history of colorectal cancer.* Travel Award by the Graduate School, University of South Carolina at the American Public Health Association, 142st Annual Meeting, New Orleans, LA.
- 2018 Outstanding Alumni by Department of Health Administration, I-Shou University, Kaohsiung, Taiwan.
- 2020 American Association for Cancer Research (AACR) Scholar-in-Training Award. 13th American Association for Cancer Research (AACR) Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, October 2-4, 2020.
- 2021 The Center for Health Equity Research (CHER) Institute fellow at California State University, Long Beach.
- 2023 Distinguished Reviewer of *Journal of Gastrointestinal Oncology*, AME Publishing Company.
<https://jgo.amegroups.org/post/view/reviewer-of-the-month-2022>
- 2025 Outstanding Population Science Investigator, Georgia Cancer Center, Augusta University

SCIENTIFIC AND PROFESSIONAL SOCIETIES MEMBERSHIPS

- 2015 South Carolina Public Health Association, member
- 2013-2016 American Public Health Association, member
- 2021 National Colorectal Cancer Roundtable (NCCRT), representative of CSUMB, member
- 2022 Academy Health, member
- 2019-Present American Association for Cancer Research, member
- 2022-Present Society of Epidemiological Research, member
- 2024-Present American Society of Preventive Oncology, member
- 2026-Present American Heart Association, member

COMMUNITY ACTIVITIES/MEDIA APPEARANCES

1) Community Activities

National

- 2008 National Youth Commission, Taiwan, researcher/visitor
- 2007-2008 International Action and Cooperation Team, Taiwan, volunteer

Regional

- 2019-2021 Clinica de Salud del Valle de Salinas
- 2022-2024 Co-Captain, Team B.A.D, Paceline fundraising event.

2) Media

National

- 2024 Rurality, poverty linked to shorter survival in early-onset colorectal cancer.
<https://www.healio.com/news/hematology-oncology/20240828/rurality-poverty-linked-to-shorter-survival-in-earlyonset-colorectal-cancer>
- 2024 Early-Onset Colorectal Cancer: Rurality and Poverty May Be Linked to Lower Survival.
<https://ascopost.com/news/august-2024/early-onset-colorectal-cancer-rurality-and-poverty-may-be-linked-to-lower-survival/>

Regional

- 2024 Georgia Cancer Center researcher addressing colorectal cancer disparities.

<https://shorturl.at/4dRYZ>

2024 Local doctors see high colon cancer rates in young patients.

<https://www.wrdw.com/2024/09/07/local-doctors-see-high-colon-cancer-rates-young-patients/>

PEER-REVIEWED PRESENTATIONS AT NATIONAL, REGIONAL, STATE, AND LOCAL MEETINGS

^ Trainees (e.g., undergraduate students, medical students, post-doctoral fellows).

National Scientific Meetings/Published Abstracts:

Oral presentation

1. **Tsai, M.H.**, Cortes, J., Lee, M., Sifuentes, H., Bae, S. Treatment Delays and Survival Divides: The Role of Race and Sex in Early-Onset Colorectal Cancer. Abstract submitted to the 2026 North American Association of Central Cancer Registries (NAACCR) Annual Conference, virtually, Jun 23-25, 2026.
2. **Tsai, M.H.**, Zhang, D. ^, Bekele, B., Huang, Y., Cromer, P, Layman, D, Zhu, H., Dong, Y. Descriptive Insights into Colorectal Cancer Risk Factors in Young Hispanic Adults. Abstract submitted to the 2025 NCI Cohort Consortium Annual Meeting, Nov 6-7, 2025, Rockville, MD. (including Poster presentation)- [Cancel due to government shutdown](#).
3. Tierney, L., **Tsai, M.H.**, Lee, M., Impact of Health Insurance on Telemedicine Utilization in the United States. Abstract submitted to: American Public Health Association Annual Meeting and Expo; November 2-5, 2025; Washington, D.C.
4. **Tsai, M.H.**, Cortes, J., Vega, K.J. Racial/ethnic disparities in early-onset colorectal cancer diagnoses and survival across three age groups, Submitted to 2025 North American Association of Central Cancer Registries (NAACCR) Annual Conference, Hartford, CT, Jun 3-5, 2025.
5. **Tsai, M.H.**, Coughlin, S.S., Gishe, J, Islam, KM, Eberth, J.M. Exploring the role of marital status on survival and stage at diagnosis in early-onset colorectal cancer by race/ethnicity, Submitted to 2025 North American Association of Central Cancer Registries (NAACCR) Annual Conference, Hartford, CT, Jun 3-5, 2025.
6. Gishe, J., Pleban, F., Kanu, M., Brown, E., **Tsai, M.H.** A Population-Based Retrospective Cohort Study on Colorectal Cancer Survival in Kentucky, 2025 Society of Epidemiologic Society Annual Meeting, Jun 10-13, 2025, Boston, MA.
7. **Tsai, M.H.**, Thompson, C.A, Coughlin, S.S. Rurality and age-related differences in temporal trends of early-onset colorectal cancer incidence in the state of Georgia, 2000-2018, Submitted to the 48th American Society of Preventive Oncology (ASPO) annual meeting, Chicago, IL, Mar 15-17, 2024.
8. **Tsai, M.H.**, Grunert, C. ^, Vo, J.B., Moore, J.X., Guha, A. Presence of multi-morbidities and colorectal cancer screening utilization among breast cancer survivors. Submitted to the 2023 Society of Epidemiologic Research Annual Meeting, Jun 13-16, Portland, OR.

Published abstract/Poster presentation

1. Lee, A.W., Pollard, E. ^, Phung, M.T., **Tsai, M.H.** Cervical cancer screening by Asian American subgroup in California – Understanding ethnic-specific disparities to improve screening rates. Abstract submitted to the 2026 American Association for Cancer Research Annual Meeting, April 17-22, 2026, San Diego, CA.
2. Grunert, C. ^, **Tsai, M.H.**, Hogg-Graham, R., Jackson, Y., Bevel, M., Guha, A., Jones, S., Judd, S., Conwell, D., Moore, J.X. * Fast Food, Slow Burn: Examining the Association Between Food Swamps and Dietary Inflammatory Index. Abstract submitted to the 50th American Society of Preventive Oncology (ASPO) annual meeting, Denver, CO, April 12-14, 2026.

3. Blakey, M., Redding, C.A., **Tsai, M.H.**, Howard, S., Wolf-Horrel, E., Toriola, A., Burris, J., Bhakta, A., Williams, B.M., Moore, J.X. The Association between Historical Redlining and Contemporary Area Deprivation Index with Colorectal Cancer Outcomes among Kentucky Patients. Abstract submitted to the 50th American Society of Preventive Oncology (ASPO) annual meeting, Denver, CO, April 12-14, 2026.
4. Lee, M., Chen, B., Gerend, M., Buhnerkempe, M., **Tsai, M.H.**, Cantrall, J., Flack, J. Rural–Urban Disparities in HPV Vaccine Initiation and Completion Among College Students. Abstract submitted to the 50th American Society of Preventive Oncology (ASPO) annual meeting, Denver, CO, April 12-14, 2026.
5. **Tsai, M.H.**, Pollard, E. ^, Phung, M.T., Lee, M., Lee, A.W. Disparities in colorectal, cervical, and breast cancer screening uptake among disaggregated Asian ethnicities in California, 2016-2020. Abstract submitted to the 50th American Society of Preventive Oncology (ASPO) annual meeting, Denver, CO, April 12-14, 2026.
6. **Tsai, M.H.** *, Coughlin, S., Cortes, J. Unequal Beginnings: Geographic and Demographic Disparities to Initiation of Treatment in Early-Onset Colorectal Cancer. Abstract submitted to the 50th American Society of Preventive Oncology (ASPO) annual meeting, Denver, CO, April 12-14, 2026.
7. Hsueh, L, Lu, L, Vu, M, **Tsai, M.H.** Associations of Race, Specific Asian Origin Grouping, and English Proficiency with Receiving a Diabetes Care Plan Among Adults with Type 2 Diabetes: Data from the California Health Interview Survey. Abstract submitted for consideration to the 47th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Chicago, IL.
8. **Tsai, M.H.**, Vernon, M., Malcolm, B., Sifuentes, H., Cortes, J., Siegel, R. Multilevel Insights into Obesity, Race/Ethnicity, and Survival in Early-Onset Colorectal Cancer in Georgia [abstract]. In: Proceedings of the AACR Special Conference in Cancer Research: The Rise in Early-Onset Cancers—Knowledge Gaps and Research Opportunities; 2025 Dec 10-13; Montreal, QC, Canada. Philadelphia (PA): AACR; Clin Cancer Res 2025;31(23_Suppl):Abstract nr B035.
9. **Tsai, M.H.**, Coughlin, S., Vega, K.J. Sex and Racial Disparities in Time to Treatment for Early-Onset Colorectal Cancer Across a Four-Level Rurality Classification in the United States. Sex and Racial Disparities in Time to Treatment for Early-Onset Colorectal Cancer Across a Four-Level Rurality Classification in the United States [abstract]. In: Proceedings of the AACR Special Conference in Cancer Research: The Rise in Early-Onset Cancers—Knowledge Gaps and Research Opportunities; 2025 Dec 10-13; Montreal, QC, Canada. Philadelphia (PA): AACR; Clin Cancer Res 2025;31(23_Suppl):Abstract nr B034.
10. **Tsai, M.H.**, Zhang, D. ^, Bekele, B., Huang, Y., Cromer, P, Layman, D, Zhu, H., Dong, Y. Community-Based Pilot Study of Colorectal Cancer Susceptibility and Cardiometabolic Risk in Young Hispanic Adults [abstract]. In: Proceedings of the AACR Special Conference in Cancer Research: The Rise in Early-Onset Cancers—Knowledge Gaps and Research Opportunities; 2025 Dec 10-13; Montreal, QC, Canada. Philadelphia (PA): AACR; Clin Cancer Res 2025;31(23_Suppl):Abstract nr A033.
11. Bevel, M.S, Das, A., **Tsai, M.H.**, Parham, A. ^, Jones, S., Moore, J.X. The Association between Food Swamps and Liver Cancer Mortality in the United States. Abstract submitted to the 2025 San Antonio Liver Cancer Symposium, Oct 11-12, 2025, San Antonio, TX. Poster Presentation.
12. Tingen, M, Houston, K., **Tsai, M.H.**, Raval, P., Jillella, A., Henson, J, Conger, C, Garrett, L., Vernon, M. Providing choices to enhance uptake in cancer prevention and early detection measures in African Americans in rural and urban Southern churches in Georgia [abstract]. In: Proceedings of the 18th AACR Conference on the Science of Cancer Health Disparities; 2025 Sep 18-21; Baltimore, MD. Philadelphia (PA): AACR; Cancer Epidemiol Biomarkers Prev 2025;34(9 Suppl):Abstract nr C132.
13. Vernon, M., **Tsai, M.H.**, Houston, K., Tingen, M. Baseline characteristics from the c-CARE initiative: A faith-based approach to advancing cancer prevention and equity in underserved communities [abstract]. In:

Proceedings of the 18th AACR Conference on the Science of Cancer Health Disparities; 2025 Sep 18-21; Baltimore, MD. Philadelphia (PA): AACR; Cancer Epidemiol Biomarkers Prev 2025;34(9 Suppl):Abstract nr B051.

14. **Tsai, M.H.**, Guan, Y., Moore, J.X., Sifuentes, H., Jorge, C. Time tells a different story: Sex and age-related differences in 1-, 3-, and 5-year survival for early-onset CRC in Georgia [abstract]. In: Proceedings of the 18th AACR Conference on the Science of Cancer Health Disparities; 2025 Sep 18-21; Baltimore, MD. Philadelphia (PA): AACR; Cancer Epidemiol Biomarkers Prev 2025;34(9 Suppl):Abstract nr A131.
15. Rothberg, Z., Neuroth, L., **Tsai, M.H.**, Waller, A., Thompson, C. Advancing Insights on Rising Trends in Early Onset Colorectal Cancer through Syndromic Surveillance: Emergency Department Trends in Rectal Bleeding in North Carolina (2014-2023). Submitted to 2025 Council of State and Territorial Epidemiologists (CSTE) Conference, Jun 8-12, 2025, Grand Rapids, MI. -Outstanding poster.
16. Pollard, E. ^, Guha, A., Harris, R., Wang, X., Zhu, H., Dong, Y, Weintrabub, N., **Tsai, M.H.** Examining the influence of cardiovascular conditions and cancer history on colorectal cancer screening and mammogram uptake. Georgia Cancer Center Research Retreat; May 16, 2025; Augusta, GA.
17. Bevel, M.S., Parham, A., Sheth, A., **Tsai, M.H.**, Andzejak, S., Jones, S., Moore, J.X. Examining Racial Disparities in the Association between Food Swamps, Liquor Store Density, and Postmenopausal Breast Cancer Mortality among Georgia Cancer Center Patients [abstract]. In: Proceedings of the San Antonio Breast Cancer Symposium 2024; 2024 Dec 10-13; San Antonio, TX. Philadelphia (PA): AACR; Clin Cancer Res 2025;31(12 Suppl):Abstract nr P3-05-08.
18. Pollard, E^, **Tsai, M.H.**, Holt, H.K., Vu, M, Moore, J.X. Assessing the Role of Parental Human Papillomavirus Vaccine Uptake on the Association Between Child Sex-specific Disparities and Vaccine Uptake, Submitted to the 49th American Society of Preventive Oncology (ASPO) annual meeting, April 6-9, 2025, Poster presentation. - Mentee
19. Vernon, M., **Tsai, M.H.**, Carrillo, A., Idun, A., Tingen, M. Cancer health awareness through screening and education, CHANGE: evidence of improved screening rates at 6 months post-test [abstract]. In: Proceedings of the American Association for Cancer Research Annual Meeting 2025; Part 1 (Regular Abstracts); 2025 Apr 25-30; Chicago, IL. Philadelphia (PA): AACR; Cancer Research 2025;85(8_Suppl_1):Abstract nr 4890.
20. Grunert, C. ^, **Tsai, M.H.**, Bhakta, A., Rogers, C.R., Howard, S., Conwell, D., Jorge, C., Moore, J.X. Impact of rurality on early-onset colorectal cancer outcomes: Age, geographic disparities, and the need for improved access and awareness in the United States [abstract]. In: Proceedings of the 17th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; 2024 Sep 21-24; Los Angeles, CA. Philadelphia (PA): AACR; Cancer Epidemiol Biomarkers Prev 2024;33(9 Suppl):Abstract nr B166. - Mentee
21. Lee, M., **Tsai, M.H.** HPV Vaccination Disparities by Gender Identity Among Adults Aged 18–44-Year-Olds [abstract]. In: Proceedings of the 17th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; 2024 Sep 21-24; Los Angeles, CA. Philadelphia (PA): AACR; Cancer Epidemiol Biomarkers Prev 2024;33(9 Suppl):Abstract nr A002.
22. Pollard, E. ^, **Tsai, M.H.**, Lee, M., Lee, A., Gerend, M.A. Racial/ethnic differences in the relationship between human papillomavirus vaccination status and up-to-date Papanicolaou tests [abstract]. In: Proceedings of the 17th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; 2024 Sep 21-24; Los Angeles, CA. Philadelphia (PA): AACR; Cancer Epidemiol Biomarkers Prev 2024;33(9 Suppl):Abstract nr A146. - Mentee

23. **Tsai, M.H.**, Cortes, J., Vernon, M., Pollard, E., Coughlin, S.S., Dong, Y., Vega, K. Age-related disparities in survival following colorectal cancer diagnosis in an underserved community in Georgia [abstract]. In: Proceedings of the 17th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; 2024 Sep 21-24; Los Angeles, CA. Philadelphia (PA): AACR; *Cancer Epidemiol Biomarkers Prev* 2024;33(9 Suppl):Abstract nr A157.
24. Santellano, B., Agrawal, R., Duchesne, G., Sharara, M., Agrawal, G., Balas, A., Agrawal, G., **Tsai, M.H.**, Nayak-Kapoor, A., Cortes, J.E. EPR24-113: The Role of Social Determinants of Health in Gastrointestinal Cancer Outcomes in the United States Context: A Systematic Review. In: Proceedings of the 2024 National Comprehensive Cancer Network Annual Meeting; Apr 5-7, 2024; Orlando, FL; *JNCCN* 2024; 22 (2.5). <https://doi.org/10.6004/jnccn.2023.7217>
25. **Tsai, M.H.**, Vo, J.B., Moore, J.X., et al. Mediating effects of mental and physical health on the association between the presence of chronic diseases and colorectal cancer screening among breast cancer survivors, Submitted to the 48th American Society of Preventive Oncology (ASPO) annual meeting, Chicago, IL, Mar 15-17, 2024.
26. Nettles, D. ^, Moore, J. X., **Tsai, M.H.**, Guha, A. Allostatic Load Mediates Cardiovascular Mortality in Cancer Survivors. Submitted to GCCAU/UGA Retreat, Dec 15, 2023, Augusta University, Abstracts/Posters.
27. Bevel, M.S., **Tsai, M.H.**, Parham, A. ^, Andrzejak, S., Jones, S., Moore, J.X. The Association between Food Deserts, Food Swamps, and Postmenopausal Breast Cancer Mortality in the United States. The Association between Food Deserts, Food Swamps, and Postmenopausal Breast Cancer Mortality in the United States [abstract]. In: Proceedings of the AACR Special Conference in Cancer Research: Advances in Breast Cancer Research; 2023 Oct 19-22; San Diego, California. Philadelphia (PA): AACR; *Cancer Res* 2024;84(3 Suppl_1):Abstract nr A075.
28. Stabellini, N., Cullen, J., Bittencourt, M., Moore, JX., Shanahan, J., Nain, P., Hamerschlak, H., Dent, S., Sutton, A.L., **Tsai, M.H.**, et al. Abstract 14540: Allostatic load/chronic stress and cardiovascular outcomes in patients diagnosed with breast, lung, or colorectal cancer. *Circulation*. 2023;148:A14540.
29. Bevel, M.S., Parham, A. ^, Sheth, A., **Tsai, M.H.**, Andrzejak, S., Jones, S., Moore, J.X. Examining racial disparities in the association between food swamps, liquor store density, and colorectal cancer mortality among Georgia cancer patients [abstract]. In: Proceedings of the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; 2023 Sep 29-Oct 2;Orlando, FL. Philadelphia (PA): AACR; *Cancer Epidemiol Biomarkers Prev* 2023;32(12 Suppl):Abstract nr B137.
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32. Lee, M., **Tsai, M.H.** Rural disparities in telemedicine use among cancer survivors during the COVID-19 pandemic. *JCO* 41, e13686-e13686(2023).DOI:10.1200/JCO.2023.41.16_suppl.e13686

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37. Wu, Y.H., Lai, Y.T., **Tsai, M.H.** Age differences in the association between social contact pattern, social capital, and happiness in Taiwan. Submitted to the 2023 Society of Epidemiologic Society Annual Meeting, Jun 13-16, Portland, OR.
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39. Bevel, M.S., Sheth, A., BS, **Tsai, M.H.**, et al. Examining Racial Disparities in the Association between Food Deserts, Food Swamps, and Early-Onset Colorectal Cancer Mortality. Submitted to the 2023 American Society of Preventive Oncology (ASPO) Annual Meeting.
40. Fiore, N., Brewer, L., Ali Amghaiab, I., **Tsai, M.H.**, et al. Creation of a Mathematical Model to Predict ICU Care in Pediatric Patients with Mild-Moderate TBI, submitted to the 2023 Critical Care Congress, San Francisco, CA. Case report presentation.
41. **Tsai, M.H.**, Moore, J.X., Odhiambo, L.A., Andrzejak, S.E, Tingen, M.S. Colorectal cancer screening utilization among breast, cervical, prostate, skin, and lung cancer survivors [abstract]. In: Proceedings of the 15th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; 2022 Sep 16-19; Philadelphia, PA. Philadelphia (PA): AACR; Cancer Epidemiol Biomarkers Prev 2022;31(1 Suppl):Abstract nr A121.
42. **Tsai, M.H.**, Cabral, D.N., Gische, J. Colorectal Cancer Risk Perceptions in Black Men, submitted to 2022 Society for Epidemiologic Research Annual Meeting, Jun 14-17, 2022. Accepted, Poster session.
43. **Tsai, M.H.**, Cabral, D.N., Exploratory Study of Cervical Cancer and Breast Cancer Screening among Latinas in a Remote Agricultural Community, submitted to 2022 Academy Health annual meeting, Jun 4-7, 2022.
44. Albashir, G.M. ^, **Tsai, M.H.**, Bevel, M.S., Moore, J.X., Tingen, M.S. A Pilot Evaluation of The Efficacy of Tobacco Education and Cessation Treatment Among Minority and Underserved Cancer Patients, submitted to 2022 Society for Research on Nicotine and Tobacco (SRNT) annual meeting, March 15-15,2022.- **Mentee**
45. **Tsai, M.H.**, Cabral, D. Exploratory Study of Cervical Cancer Screening among Latinas in a Remote Agricultural Community, submitted to 13th American Association for Cancer Research (AACR) Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, October 2-4, 2020 (virtually).
46. **Tsai, M.H.**, Xirasagar, S., Zhang, J. Patient compliance with professional society guidelines for surveillance and re-screening following initial screening colonoscopy, submitted to 12th American Association for

Cancer Research (AACR) Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, September 20-23, 2019. San Francisco, CA.

47. Xirasagar, S., **Tsai, M.H.**, Heidari, K., Hardin, J.W., Wu, Y., Jauch, E.C., Sen, S. Self-reported Barriers and facilitators for ambulance use decisions by acute ischemic stroke patients, Submitted to American Public Health Association, 147th Annual Meeting, November 2 - November 6, 2019. Philadelphia, PA.
48. Wu, Y., **Tsai, M.H.**, Xirasagar, S. Exploring the Wide Gap between BRFSS- and NHIS-based Colonoscopy Screening Rates in the US Population, Submitted to American Public Health Association, 146th Annual Meeting, November 10 - November 14, 2018. San Diego, CA.

State Scientific Meetings / Published Abstracts:

1. **Tsai, M.H.**, Cabral, D. Fostering Student Success through Engaged Scholarship & Research. 22nd Annual CSU 2020 Symposium on Teaching and Learning, March 13-14, 2020, Fullerton, CA, Accepted, Roundtable session.
2. Adaramola, T. ^, Pollard, E. ^, Odhiambo, L., Armstrong, B., **Tsai, M.H.** Understanding Colorectal Cancer Screening Through the Lens of Healthcare Use and Rurality. Abstract submitted to: Georgia Undergraduate Research Conference (GURC) 2025-Oral presentation; November 7-8, 2025; Atlanta, GA.

Unrefereed Presentations and Published Abstracts:

1. Jamshidi, P. ^, Zhang, D. ^, Adaramola, T. ^, Pollard, E., Moore, J.X., Dong, Y, Sifuentes, H., **Tsai, M.H.** Family History and Genetic Risk Disclosure: Drivers of Colorectal Cancer Screening Behavior. Presented at MCG Research Day, Augusta University, Augusta, GA, Sep 5, 2025.
2. LaRosa, M, Vernon, MM, **Tsai, MH**, Tinggen, MS. 2024. Examining Patterns of Electronic Cigarette Use Among Youth in a Rural County with an Evidence-Based Prevention Program, CATCH My Breath. Graduate Research Day, Augusta University, Augusta, GA.
3. Tseng, T.L. ^, Sanchez, J. ^, Rios, F.F. ^, **Tsai, MH.**, Cabral, D.N. Exploratory Study of Cervical Cancer Screening among Latinas in a Remote Agricultural Community. 7th Annual CSUMB Summer Research Symposium, August 7, 2020, Poster session.
4. Sanchez, J. ^, Rios, F.F. ^, Ketchem, A., **Tsai, MH.**, Cabral, D.N. Study of Latino Cancer Screening and Follow-up in a Remote Agricultural Community (SOLCS). 6th Annual CSUMB Summer Research Symposium, August 9, 2019, Poster session.

VISITING PROFESSORSHIPS/INVITED SPEAKER, etc. (past 5 years or time in current rank)

2024	TeleECHO CRC screening, Georgia Colorectal Cancer Control Program, Jun 5, 2024, "Rurality matter: County-level colorectal cancer screening rates on colorectal cancer.
2024	2024 Georgia CRC roundtable meeting, Dec 2, 2024, "Rurality and Poverty matter: Age related difference and Early-Onset Colorectal Cancer "
2025	CDC BRFSS data user webinar, Jan 28, 2025, "The relationship of cancer history and chronic disease status to colorectal cancer screening ". - Cancel due to new leadership .
2025	Georgia Cancer Center Ground Round, Feb 14, 2025, "Early-onset colorectal cancer: What does the data tell us?"

PUBLICATIONS IN REFEREED JOURNALS (Author, Title, Journal, Volume, Inclusive Pages, Year.)

*Corresponding author/ ^ Trainees (e.g., undergraduate students, medical students, post-doctoral fellows).

2026

1. **Tsai, M.H. ***, Coughlin, S., Cortes, J., Vega, K.J. Geographic, Racial, and Sex Disparities in Time to Treatment for Early-Onset Colorectal Cancer, *JAMA Network Open*, 2026;9;(3):e261980.
doi:10.1001/jamanetworkopen.2026.1980

2. Grunert, C[^], **Tsai, M.H.**, Rogers, C.R., Howard, S., Hogg-Graham, R., Martin, C., Conwell, D., Toriola, A.T., Bhakta, A., & Moore, J.X*. Impact of age and rurality on colorectal cancer outcomes in the United States. *Cancer Causes Control* 37, 61 (2026). <https://doi.org/10.1007/s10552-026-02150-3>.
3. **Tsai, M.H.** *, Coughlin, S., Cortes, J. Geographic and Demographic Disparities in Receipt of Treatment for Early-Onset Colorectal Cancer. *Cancer Control*, March 2, 2026.
4. Hsueh, L. *, Lu, L., Vu, M., **Tsai, M.H.** Associations of Race, Specific Asian Origin Grouping, and English Proficiency with Receiving a Diabetes Care Plan Among Adults with Type 2 Diabetes: Data from the California Health Interview Survey. Published online February 25, 2026. DOI: 10.1007/s11606-026-10274-0
5. **Tsai, M.H.**, Vernon, M. (co-first author) *, Carrillo, A., Pollard, E. ^, Tingen, M. Evaluating the Impact of the CHANGE Initiative on Cancer Screening Referral and Uptake in Underserved Communities in Georgia, 2026; *Preventive Medicine Reports*. <https://doi.org/10.1016/j.pmedr.2026.103403>
6. **Tsai, M.H.** *, Cortes, J., Lee, M., Sifuentes, H., Bae, S. Treatment Delays and Survival Divides: Race, Sex, and Early-Onset Colorectal Cancer Disparities. *Cancer Research Communications*, 2026; <https://doi.org/10.1158/2767-9764.CRC-25-0659>.

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7. Vu, M., Nielson, M., Nguyen, L.B., Hsueh, L., Vu, CB., **Tsai, M.H.***. Utilization of Health Care Among Asian Origin Groups, *Journal of General Internal Medicine*, 2025; <https://doi.org/10.1007/s11606-025-10066-y>.
8. **Tsai, M.H.** *, Guan, Y., Moore, J.X., Sifuentes, H., Jorge, C. Sex and Age-Related Differences in One , Three, and Five-year Survival for Early-Onset Colorectal Cancer in Georgia. *American Journal of Cancer Research*, 2025; 15(10): 4308-4319.
9. Pollard, E. ^, Guha, A., Harris, R., Wang, X., Zhu, H., Dong, Y., Weintraub, N., **Tsai, M.H.***. Cardiovascular conditions and cancer history: Implications for colorectal and breast cancer screening, *Journal of Medical Screening*, <https://doi.org/10.1177/09691413251388517>. - **Mentee**
10. **Tsai, M.H.** *, Vo, J.B., Moore, J.X., Ramin,C., Guha, A., Dong,Y. Mediating effects of mental and physical health on the association between the presence of chronic diseases and colorectal cancer screening among breast cancer survivors. *PLoS One*, 2025; 20(8): e0328353. <https://doi.org/10.1371/journal.pone.0328353>
11. **Tsai, M.H.***, Cortes, J., Pollard, E. ^, Vernon, M., Dong, Y., Vega, K., Coughlin, S.S. Age-related disparities in survival following colorectal cancer diagnosis in an underserved community in Georgia: A retrospective cohort analysis, *Journal of Geriatric Oncology*, 2025; 16(7): 102318. <https://doi.org/10.1016/j.jgo.2025.102318>.
12. Pollard, E. ^, Holt, H.K., Vu, M., **Tsai, M.H.***. The importance of parental human papillomavirus vaccine series initiation for reducing sex disparities in human papillomavirus vaccine series initiation among children in the United States. *Preventive Medicine Reports*, 2025; 103160. <https://doi.org/10.1016/j.pmedr.2025.103160> .-**Mentee**
13. **Tsai MH***, Cortes J, Vega KJ. Racial/Ethnic and Age-Related Disparities in Early-Onset Colorectal Cancer Diagnoses and Survival. *Cancer Control*. 2025;32. doi:10.1177/10732748251357469
14. Gishe, J. *, Pleban, F., Kanu, M., Brown, E., **Tsai, M.H.** A Population-Based Retrospective Cohort Study on Colorectal Cancer Survival in Kentucky. *Cancer Health Disparities*, 9: e1-16. doi:10.9777/chd.2025.1001
15. Pollard E^, Vernon M, Jones S, Idun A, Guha A, Islam KMM, **Tsai MH***. Chronic Conditions and Racially Biased Healthcare Experiences Impact Breast Cancer and Colorectal Cancer Screening Across Racial/Ethnic

Groups. *J Racial Ethn Health Disparities*. 2025 May 5. doi: 10.1007/s40615-025-02460-3. Epub ahead of print. PMID: 40325315.- **Mentee**

16. Coughlin, S.S. *, **Tsai, M.H.**, Cortes, J., Bevel, M., Vernon, M. The Influence of Poverty and Rurality on Colorectal Cancer Survival by Race/Ethnicity: An Analysis of SEER Data with a Census Tract-Level Measure of Persistent Poverty. *Curr. Oncol.* 2025, 32, 248. <https://doi.org/10.3390/curroncol32050248>
17. **Tsai, M.H.***, Shahsavari, D., Chen, J., Moazzami, B., Sridhar, S. Racial/Ethnic Differences in Early-Onset Colorectal Cancer Outcomes. *J Racial Ethn Health Disparities*. 2025 Apr 26. doi: 10.1007/s40615-025-02450-5. Epub ahead of print.
18. **Tsai, M.H. ***, Pollard, E. ^, Vernon, M, Chen, J. (2025) Body mass index and colorectal cancer screening among cancer survivors: the role of sociodemographic characteristics. *Cancer Causes and Control*, <https://doi.org/10.1007/s10552-025-01970-z>.
19. Pollard, E. ^, Lee, M.J., Lee, A.W., Gerend, M.A., **Tsai, M.H.***. (2025) Race/ethnicity, human papillomavirus vaccination status, papanicolaou test uptake among 27–45-year-old women: a cross-sectional analysis of 2019–2022 behavioral risk factor surveillance system data, *Women’s Health Reports* 6:1, 178–189, DOI: 10.1089/whr.2024.0170.- **Mentee**

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20. Santellano, B., Agrawal, R., Duchesne, G., Sharara, M., Agrawal, G., Balas, A., Agrawal, G., **Tsai, M.H.**, Nayak-Kapoor, A., Cortes, J.E*. Social Determinants of Health and Upper Gastrointestinal Cancer Outcomes in the United States: A Systematic Review, *Frontiers in Public Health*, Nov 4, 2024. <https://doi.org/10.3389/fpubh.2024.1477028>
21. **Tsai, M.H.**, Wu, Y.H. *, Lai, S.J., Yang, Y.C. A cross-sectional study of the relationship between daily social contact features and the prevalence of common mental disorders in Taiwan, 2000- 2015. *PLoS One*. 2024 Oct 17;19(10):e0312154. doi: 10.1371/journal.pone.0312154.
22. **Tsai, M.H. ***, Coughlin, S.S., Lee, M., Cortes, J., Dong, Y. Associations between a social determinant of health summary measure and self-reported physical and mental health among cancer survivors. *Psycho-Oncology* 2024, <http://dx.doi.org/10.1002/pon.9314>.
23. Bevel, M.S.*, Sheth, A., **Tsai, M.H.**, Parham, A., Andrzejak, S.E., Jones, S.R., Moore, J.X. Examining Racial Disparities in the Association Between Food Swamps and Early-Onset Colorectal Cancer Mortality. *JCO Oncology Advances*, 1, e2400005(2024). DOI:10.1200/OA.24.00005
24. **Tsai, M.H. ***, Coughlin, S.S., Cortes, J. Thompson, C.A. Intersection of Poverty and Rurality for Early-Onset Colorectal Cancer Survival. *JAMA Netw Open*. 2024;7(8):e2430615. doi:10.1001/jamanetworkopen.2024.30615
25. Stabellini, N. *, Nettles, D. ^, Nain, P., Moore, J.X., Weintraub, N., Patel, S.A., Barata, P., **Tsai, M.H.**, et al. The Mediation Role of Allostatic Load/Chronic Stress on the Relationship between Cancer Survivorship and Cardiovascular Disease Mortality. *American Heart Journal Plus: Cardiology Research and Practice*, <https://doi.org/10.1016/j.ahjo.2024.100429>
26. **Tsai, M.H.***, Pollard, E. ^, Coughlin, S.S., Vernon, M., Satish, R. The role of a social determinants of health summary measure on the association between cancer history status and colorectal cancer screening utilization among screening eligible adults. Accepted by *Preventive Medicine Reports*, Jul 10, 2024. DOI: 10.1016/j.pmedr.2024.102825
27. **Tsai, M.H. ***, Lee, M., Coughlin, S.S., Eberth, J.M., Rogers, C. Cancer History and Social Support Impact Colorectal Cancer Screening Utilization by Race/Ethnicity. *Cancer Prev Res (Phila)*. 2024 Jul 12;. doi: 10.1158/1940-6207.CAPR-24-0121. [Epub ahead of print]

28. Stabellini, N. *, Cullen, J., Bittencourt, M., Moore, JX., Sutton, A., Nain, P., Hamerschlak, H., Weintraub, N., Dent, S, **Tsai, MH.**, Banerjee, A., Ghosh, A., Sadler, D., Coughlin, S., Barac, A., Shanahan, J., Montero, A., Guha, A. Allostatic load/chronic stress and cardiovascular outcomes in patients diagnosed with breast, lung, or colorectal cancer. *J Am Heart Assoc.* 2024 Jul 16;13(14):e033295. doi: 10.1161/JAHA.123.033295. Epub 2024 Jul 9.
29. **Tsai, M.H.***, Coughlin, S.S. Investigating the role of county-level colorectal cancer screening rates on stage at diagnosis of colorectal cancer in rural Georgia, *Cancer Causes and Control*, Published online April 8, 2024. <https://doi.org/10.1007/s10552-024-01874-4>.
30. **Tsai, M.H. ***, Cabral, D.N., Grunert, C. ^, Moore, J.X. Colorectal cancer survival disparities in the five regions of Georgia, *PLOS one*, 19(3): e0301027.
31. **Tsai, M.H. ***, Vernon, M., Su, S.S., Coughlin, S., Dong, Y. Racial disparities in the relationship of regional socioeconomic status and colorectal cancer survival in the five regions of Georgia, *Cancer Medicine*, 2024;00:1-11. doi:10.1002/cam4.6954
32. Lee, M.* , **Tsai, M.H.**, Tillewein, H., Luckey, G.S. Rural Disparities in Telemedicine Use Among Cancer Survivors During the COVID-19 Pandemic. *Telemed J E Health*. Published online February 2, 2024. doi:10.1089/tmj.2023.0572
33. **Tsai, M.H. ***, Moore, J.X., Cabral, D.N., Rogers, C., Cortes, J. Temporal trends in early-onset colorectal cancer incidence (2000-2020) by age group and five geographic regions in the state of Georgia, *American Journal of Cancer Research*. 2024; 14(1): 182-191.

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34. Park, J.H., Lee, M.J., **Tsai, M.H.**, Shih, H.J., Chang, J*. Rural, Regional, Racial Disparities in Telemedicine Use During the COVID-19 Pandemic Among US Adults: 2021 National Health Interview Survey (NHIS). *Patient Prefer Adherence*. 2023;17:3477-3487. <https://doi.org/10.2147/PPA.S439437>
35. **Tsai, M.H. ***, Coughlin, S., Cortes, J. County-level colorectal cancer screening rates on colorectal cancer survival in the state of Georgia: Does county-level rurality matter?, *Cancer Med*. Published online January 2, 2024. doi:10.1002/cam4.6830
36. **Tsai, M.H.***, Lee, A., Lee, M. The relationship of cancer history and chronic disease status to colorectal cancer screening: A cross-sectional analysis of 2020-21 Behavioral Risk Factor Surveillance System, *Cancer Causes Control*. 2023. <https://doi.org/10.1007/s10552-023-01820-w>.
37. Cabral, D.N., **Tsai, M.H. ***, Gish, J, Dagne, G.A. Colorectal cancer risk perceptions among Black men in Florida [published online ahead of print, 2023 Jun 13]. *J Racial Ethn Health Disparities*. 2023;10.1007/s40615-023-01667-6. doi:10.1007/s40615-023-01667-6
38. **Tsai, M.H. ***, Wu, Y.H., Bevel, M.S. The relationship of chronic disease conditions to mental and physical health among cancer survivors. *Support Care Cancer* 31, 364 (2023). <https://doi.org/10.1007/s00520-023-07841-0>
39. Bevel, M.S.* , **Tsai, M.H.**, Parham, A., et al. Association of Food Deserts and Food Swamps with Obesity-Related Cancer Mortality in the US. *JAMA Oncol*. Published online May 04, 2023. doi:10.1001/jamaoncol.2023.0634
40. **Tsai, M.H. ***, Grunert, C., Vo, J.B., Moore J.X., Guha, A. Presence of multi-morbidities and colorectal cancer screening utilization among breast cancer survivors. *Cancers* 2023; 15(7), 2077; <https://doi.org/10.3390/cancers15072077>
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43. **Tsai, M.H. ***, Moore, J.X., Odhiambo, L.A. et al. Colorectal cancer screening utilization among breast, cervical, prostate, skin, and lung cancer survivors. *J Cancer Surviv.* 2022 Oct 10:1–12.
44. Xirasagar, S. *, Wu, Y., Heidari, K., Zhou, J., **Tsai M.H.**, et al. Does Emergency Medical Services Transportation Mitigate Post-stroke Discharge Disability? A Prospective Observational Study. *J Gen Intern Med.* 2020;35(11):3173-3180.
45. Xirasagar, S. *, Wu, Y., **Tsai, M.H.**, et al. Colorectal Cancer Prevention by CLEAR Principles-based Colonoscopy Protocol: An Observational Study. *Gastrointestinal Endoscopy.* 2020; 91(4):905-916.
46. Xirasagar S*, **Tsai, M.H.**, Heidari K, et al. Why acute ischemic stroke patients in the United States use or do not use emergency medical services transport? Findings of an inpatient survey. *BMC Health Serv Res.* 2019; 19(1):929.
47. **Tsai, M.H.**, Xirasagar, S. *, Carroll, S., Bryan, C.S., Gallagher, P.J., Davis, K., Jauch, E.C. Reducing High-users' Visits to the Emergency Department (ED) by a Primary Care Intervention for the Uninsured – A Retrospective Study. *Inquiry.*2018; 55:46958018763917.
48. **Tsai, M.H. ***, Xirasagar, S., de Groen, P.C. Persisting Racial Disparities in Colonoscopy Screening of Persons with a Family History of Colorectal Cancer. *J Racial Ethn Health Disparities.* 2018; 5(4):737-746.
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50. Xirasagar, S. *, Li, Y.J., Hurley, T.G., **Tsai, M.H.**, Hardin, J.W., Hurley D., Hebert, J.R., de Groen, P.C. Colorectal cancer prevention by an optimized colonoscopy protocol in routine practice. *Int J Cancer.* 2015 Mar; 136(6):E731-42.
51. Shi, H.Y. *, Lee, H.H., **Tsai, M.H.**, Chiu, C.C., Uen, Y.H., Lee, K.T. (2011 Jul). Long-term outcomes of laparoscopic cholecystectomy: a prospective piecewise linear regression analysis. *Surg Endosc.* 2011 Jul; 25(7):2132-40.

Under review/Submitted

1. Wu, Y.H. *, Lai, Y.T., Liao, L.N, **Tsai, M.H.** Bridging Generations: Social Interaction in Subjective Well-Being Across Ages in Taiwan. Under review (Revision) by *Acta Psychologica*, Dec 19, 2025.
2. **Tsai, M.H.*** Coughlin, S.S., Gische, J, Islam, KM, Eberth, J.M. Exploring the role of marital status on survival and stage at diagnosis in early-onset colorectal cancer by race/ethnicity, Under review (Revision) by *Scientific Reports*, Dec 27 ,2025.
3. **Tsai, M.H. ***, Vo, J.B., Harris, R.A., Wang, X., Zhu, H., Dong, Y., Guha, A. Sex, Race/Ethnicity, and Rurality Disparities in Cardiovascular Mortality Among Adults with Early-Onset Colorectal Cancer: A Retrospective Cohort Analysis. Under Review (Revision) by *Journal of American Heart Association*, Feb 20, 2026.
4. **Tsai, M.H.***, Pollard, E. ^, Vernon, M., Vega, K., Sifuentes, H., Cortes, J. A single-cancer center study of colorectal cancer diagnosis among screening-eligible adults in Georgia, Under review by *BMC Cancer*, Mar 6, 2025.
5. **Tsai, M.H.***, Coughlin, S.S., Lee, A.W., Lee, M., Zhu, H., Wang, X., Su, S., Dong, Y., Cabral, D., Vu, M. Limited English Proficiency and Colorectal Cancer Screening Utilization among Asian Subgroups in California. Submitted to *Ethnicity and Health*, Mar 9, 2026.
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