Mary O. Hearst, PhD, MPH
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Academic & Professional Training

University of Minnesota School of Public Health, Minneapolis, MN
Division of Epidemiology and Community Health, **PhD** in Epidemiology

University of Minnesota School of Public Health, Minneapolis, MN.
Area of concentration: Public Health Administration. **MPH**

University of Minnesota, Minneapolis, MN.
Undergraduate major: Occupational Therapy. **BS**

Certificates and Select Continuing Education

2023 Equity and Diversity Certificate, University of Minnesota

2023 Indigenization of Curriculum, University of Minnesota

Work Experience

2022 -	Professor, University of Minnesota School of Nursing
2021-2022	Interim Director, Undergraduate Public Health, St. Catherine University
2018-2022	Professor, Public Health, St. Catherine University
2018-19	Chair of Public Health, Exercise Science and Nutrition, Sonography, St. Catherine University
2016- 2020	Director MPH in Global Health, St. Catherine University
2012 - 2018	Associate Professor, Director of Public Health Program, St. Catherine University
2012- 2015	Adjunct Instructor, University of Minnesota, Division of Epidemiology
2007- 2012	Research Associate, University of Minnesota, Division of Epidemiology
2003-2007	Research Assistant, University of MN Division of Epidemiology and Community Health.
2000-2003	Community Health Analyst, Genesee County Health Department
1998-1999	Clinical Coordinator, College of St. Catherine, St. Paul, MN
1996-1998	Clinical Specialist and Occupational Therapist, Fairview University Medical Center, Minneapolis, MN
1993-1995	Neurospecialist, Occupational Therapy Acute Rehabilitation, Samaritan Rehabilitation Institute, Phoenix, AZ
1991-1992	Caseload Coordinator, Occupational Therapy, McKay Dee Rehabilitation Center, Ogden, UT

Teaching and Mentoring* Experience

2022-	Member: Center for Child and Family Health Promotion Research (CCFHPR).
2022	University of Minnesota: NURS 3710: Statistics for Clinical Practice and Research

*Student research experience included in scholarship

2012 - 2022	St. Catherine University Courses Developed and Taught: Senior Seminar, Epidemiology, Independent Study, Social Determinants of Health in the Caribbean: An Interprofessional Experience, MPH Practicum, Global Non-communicable disease, Service and Learning in Zambia, Holistic Health in India, Monitoring and Evaluation of Public Health Programs, Ethics in Global Health
2016 -2022	Faculty Advisor MPH students
2017 - 2022	Primary mentor for 6-10 MPH Student Capstone projects per year
2012 - 2022	Faculty Advisor BA/BS public health students
2011- 2012	Walden University: Epidemiology
2010- 2012	University of Minnesota: Fundamentals of Social and Behavioral Science (online); Fundamentals of Alcohol and Drug Abuse for Teacher Education (online)
2007- 2010	College of St. Catherine: Program Development and Evaluation
2004- 2007	Teaching Assistant, University of Minnesota Division of Epidemiology and Community Health Classes include: Fundamentals of Epidemiology (online) Secondary Data Analysis using Stata; SAS; Complex Survey Data Analysis

Graduate Thesis Advisor

MPH:	2022: Valerie Ponce Diaz 2022: Bridget Ring 2022: Jennifer Brooks 2022: Mezan Ghebri	
DNP:	2023 Andrea Rheimann 2023 Lucas Duley	
PhD	2023	Karen Michelle Loewenson (committee member) "Social Justice Advocacy and Service Learning in Nursing Education" College of Nursing, University of Wisconsin-Milwaukee
	2023	Amanda Davis (committee member)

Mentor

2023	Carrie Neerland, PhD, RN BIRCWH" Reducing disparities for African American and Indigenous birthing people through culturally-centered perinatal care: An implementation science study"

Additional Educational Leadership, Teaching and Advising

2021	Co-edited a special edition of Journal of Interprofessional Care focused on the transformation of interprofessional education including assuring awareness of the ecological approaches to health and healing and cultural fluency for health profession students.
2021	Published article on the development and implementation of interprofessional education internationally.
2020	Led the accreditation process to become first undergraduate public health program to be accredited in Minnesota and the only accredited Public Health Program by the Council for Education of Public Health

*Student research experience included in scholarship

2020	Prepared professional development experience in Zambia to prepare interprofessional faculty to teach the course in Zambia. Canceled due to COVID-19.
2019-	Annual consistent undergraduate, graduate, and alumna mentoring and inclusion on publications
2019	Mentored colleague at another institution in the accreditation process. Since successfully accredited.
2017	Mentored junior faculty for publication and presentation (Mumm)
2017	Undergraduate Research and Teaching Excellence Nomination.
2017-19	Developed and taught an interprofessional course in Zambia
2016	Developed a Master in Public Health at St. Catherine University
2016	Undergraduate students declaring public health major was doubled
2014	Led the development of a public health degree for the College for Adults at St. Catherine University
2014, 2016	Taught the Social Determinant of Health in the Caribbean course with undergraduate and graduate students from the Henrietta Schmoll School of Health, St. Catherine University. Travel to Dominican Republic, Haiti (not 2016), and Cuba
2013	Co-developed the Social Determinants of Health in the Caribbean course
2012-	Primary responsibilities for hiring and mentoring adjunct faculty
2012	First appointed Program Director for the undergraduate public health program at St. Catherine University

Consultancy

7/1/2023 – 6/30/2025 (Centro Tyrone Guzman, Hearst: M&E) Promising practices: Mi Pequeño Mundo: Evaluation of a home based Montessori centered program for pregnant Latine families and with children under the age of 3.

4/1/2022-3/31/2023 (PI: CMMB Zambia, Hearst: M&E) Evaluation of expanded Kusamala+ program.

7/1/2020 – 6/30/2023 (PI: Roxana Linares, CENTRO; Hearst, Evaluation) Minnesota Department of Health Community Solutions for Healthy Child Development Home based early intervention with Montessori in Latinx community.

2021-22	SPOON: Continuation of Kusamala+ activities, integration of nutrition and feeding into existing community program to improve quality of life for children with disabilities living in family-based care; and planning for expansion. Role: Strategy, monitoring, evaluation, dissemination
2019	Helen Keller Foundation, Bangladesh: Created and implemented training on addition early childhood education, nurture and positive parenting to existing nutrition curriculum for Food for Aid SAPLING project in the Chittagong Hill District. Training delivered to master trainers, developed curriculum, update manuals and provided community health worker training materials.
2019	University of South Dakota: Accreditation Mentor
2015-2016	Senior Advisor, SPOON Foundation

*Student research experience included in scholarship

2010	South Dakota State Health Department: Analysis and publication of obesity among adolescents in South Dakota by ethnicity and geography.
2009 -	SPOON Foundation: data analysis, writing, tool development, pre-assessment visits in Kyrgyzstan and Tajikistan, child assessment Mongolia and Tajikistan, grant consultation
1995-1996	Program Development Consultant, Caritas Albania, Tirane, Albania

Other

2023 -	Medical Reserve Corp, University of Minnesota
2020 2021	Associate Editor, Special Edition, Journal of Interprofessional Care

Scholarship

Under development

Under review

Resubmission: 7/1/2024 – 6/30/2029 (MPI Hearst, Georgieff)
R01: $2.5 million: Fogarty International Center and National Institute for Child Health and Development
Timing of lead exposure and iron deficiency on neurodevelopment: The TENDER cohort study
Cohort study in Kabwe Zambia
Date submitted: Nov. 26, 2023
Role: Project PI

University of Minnesota Prevention Research Center (PI: Laska/Sherwood, co-I: Hearst)
$5 million
Role: Co-I and Dissemination and Translation Lead

R21: Using implementation science to address the dual burden of malnutrition in Ethiopia (PI: Hearst)
$275,000
7/1/2024 – 6/30/2026
Role: PI

Ongoing Research Support

7/1/2023-6/30/2024 (PI: Hearst)
$25,000 –Healthy Weight Research Center: Primary prevention of childhood obesity in Ethiopia during a time of nutritional transition

4/1/2023 – 3/30/2025 (PI: Laska; Co-I: Hearst)
$95,000 Child Health Collaborative Grant Program
Date submitted: January 27, 2023
Role: Partnership development, participatory formative research

10/2020-3/31/2025 (Fulkerson, PI; Hearst PI subcontract)
NIH: Innovations in Measurement for Diet-Related Disease Research: Optimizing Utility and Reach to Reduce Health Disparities.
The purpose of this grant is to revise and refine the Home Food Inventory tool and further develop an app to collect data electronically with oral and written language options for Spanish speaking participants. The latter objectives stem from the APDC grant work at St. Catherine's. ($3.6 million; Subcontract: $278,453).

Completed Research Support (of which I was Principal Investigator or Co-I)

6/1/2023 – 8/31/2023 (PI Heart)

*Student research experience included in scholarship

D2D: Dare to Discover: UMN County Health Fairs
AMEND: A measure to assess food and nutrition adequacy
Formative assessment using cognitive interviewing of USDA food security questions and development of a nutrition security assessment

6/1/2021 – May 31, 2022 (PI Wilcox, Hearst co-I)
Innovative Scholarship $15,000
Public Health Implications of Arts in Urban Ethiopia: A Qualitative Case Study
Case based study of Fendika, a cultural center in Addas Ababa, Ethiopia, and its impact on public health.

6/1/2022 – May 31, 2023 (PI Graeve, Hearst – unpaid consultant)
Innovative Scholarship $14,954
A Holistic View on the Impact of Chronic Pelvic Pain and Heavy Menstrual Bleeding on Quality of Life in Individuals of Diverse Backgrounds

8/13/2021 – 12/28/2022 (PI Katherine Campbell, Hearst co-I)
NIAA - Aging in the time of COVID: Racism, Isolation, and Meaning ($99,733)
Photovoice with elderly and frontline healthcare workers. NOT-OD-21-020
Includes 15 student research assistants, one MPH student program coordinator

7/1/2020 – 6/30/2022 (PI: Roxana Linares, CENTRO; Hearst, Evaluation)
Minnesota Department of Health Community Solutions for Healthy Child Development ($84,976, sub $18,017)
Home based early intervention with Montessori in Latinx community.
MPH and BA/BS student worker

7/1/2019-6/30/2021 (Hearst, Rabaey) $299,000
GHR Foundation: **Kusamala+**
This grant is the second phase of Kusamala+. We are adding a third community. It consists of enumerating CWD in the Kanyama district and developing and implementing a TOT model. This is an interprofessional team includes OT, PT, PA, SW, Public Health, nutrition and Dr. Dana Johnson.
MPH graduate trainee and student worker

6/1/2020-5/30/2021 (PI Hearst)
St. Catherine University, GHR Innovation Funds: The Impact of COVID response on immigrant and refugee populations. ($15,000)
Two BA/BS and one MPH student research assistants

10/1/2020 – 5/30/2021 (PI Hearst)
St. Catherine University, APDC The Impact of COVID response on immigrant and refugee populations. ($10,000)

10/18/2016-12/31/2020 (Hearst) $1.1 million
Better Way Foundation: **Serving the Whole Child**
Four year community-university program implementation and evaluation project. The aims of this grant are to provide high quality health and education interventions for children aged 3-5 from diverse, low income backgrounds, provide parent enrichment activities and connect families to needed resources.
Role: Principal Investigator
Student program assistants from OT, SW, Public Health BA/BS+MPH

7/1/2017-6/30/2019 (Hearst, Rabaey) $247,984
GHR Foundation: **Kusamala+**
This grant is a pilot intervention grant. It consists of enumerating CWD in the Kanyama district and developing and implementing a TOT model. This is an interprofessional team includes OT, PT, PA, SW, Public Health, nutrition, SPOON Foundation and Dr. Dana Johnson. This is the product of the planning grant from 2016-17.
MHI, MPH, OT, BA/BS public health student engagement

*Student research experience included in scholarship

10/1/2017-6/30/2018 (Hearst) $15,000
Global Innovation Funds from St. Catherine University: Nourish Plus Nurture: Impacting the double child development burden in the first 1000 days
This grant is for formative assessment/exploration of developing a group randomized trial in Indonesia with Hellen Keller International aimed at testing community-based interventions to improve child outcomes.

12/1/2012 – 11/30/2017 (Nanney, Hearst PI of subcontract)
NIH: **Addressing Obesity Among Young Adults in Rural Communities**. This study will use a group randomized cohort study of rural schools and students to improve participation in a school breakfast program. My role has been for methodological consultation, development of process evaluation and recruitment and retention procedures.
Submitted: June, 2011
Role: Co-Investigator

4/1/2016-5/1/2017 (Hearst)
GHR Foundation: **Children with Disabilities in Zambia**
This $43,165 grant is a planning grant to assess the conditions of children with disabilities living in community and institutional settings in Zambia. The interprofessional team includes OT, PT, PA, Nursing, SW, Public Health, nutrition, SPOON Foundation and Dr. Dana Johnson. The planning grant is expected to yield a multi-year implementation grant.

6/1/2016-9/1/2016 (Hearst)
Better Way Foundation: **Serving the Whole Child**
Planning grant and implementation extension.
Role: Principal Investigator

6/1/2014-5/30/2016 (Hearst)
Better Way Foundation: **Serving the Whole Child**
This is a $53,000 grant aimed at establishing a comparison sample as part of the Montessori Partners Serving All Children grant.
Role: Principal Investigator

6/1/2013-5/30/2016 (Hearst)
Better Way Foundation: **Community-Academic Partnership: Montessori Partners Serving All Children**
This is a $513,000 grant aimed at establishing a community university partnership between Montessori Training Center, affiliate Montessori schools and St. Catherine University. The goal is to improve child health and education outcomes among high risk youth by addressing health, education and social support for children, parents and Interprofessional staff.
Role: Principal Investigator

7/1/2014-5/30/2015 (Hearst)
Academic Professional Development Grant: **Using technology for data collection among low-literacy populations.**
This grant is a $7,500 grant aimed at developing a technology application for data collection among low literacy populations. The grant was used for development and field testing.
Two BA/BS student research assistants

8/11-7/12 (Hearst)
Obesity Consortium of Minnesota: **Validation of the Home Food Inventory among Spanish and Somali Families.** ($20,000)
This study aimed to refine and validate a home food inventory tool for low-income Somali and Hispanic families. The study was successfully implemented, and the instrument showed good criterion validity, particularly with a summative variable that categorized the home food healthfulness. The obesogenic score had a kappa = 0.57, sensitivity = 97.8%, specificity = 70.6% and Spearman correlation = 0.78.
Role: Principal Investigator

1/1/2012-12/2012 (Hearst)

*Student research experience included in scholarship

Obesity Consortium of Minnesota: **Increasing Fruit and Vegetable Consumption Among Somali Families: The FAV-S study** ($20,000)
This study aimed to determine the feasibility, acceptability and impact of an education intervention to increase overall number of servings of fruits and vegetables Somali mothers provided their children 3-10 years old. The intervention was an Academic-Community Partnership with WellShare International. The intervention consisted of a community health worker home visiting model with nutrition education, skill development and field trips. The intervention was completed in September 2012. Preliminary results suggest the program is feasible with high participant acceptability.
Role: Principal Investigator

6/1/09-5/31/14 (Hearst)
UMN Children, Youth and Families Consortium Scholars program: **Social Determinants of Child Well-Being: Opportunity, health and school readiness disparities (**Total: $90,000 over 4 years)
The purpose of this funding was to support academic growth around community based participatory research and research around health and education disparities.
Role: Principal Investigator and Scholar

Un-funded research
7/1/2023-6/30/2024 (PI: Hearst)
$25,000 - Center for Global Health and Social Responsibility: Reducing stunting in Ethiopia through holistic interventions and health system strengthening

9/1/2023 – 8/31/2028 (PI: Mkandawire-Valhmu; Co-I: Hearst)
R01: $2.5 million; Analyzing patterns of gender based violence in the lives of Somali refugee women across the migration trajectory: From refugee camp to resettlement in the Upper Midwestern United States.
Date submitted: February, 2023
Role: Quantitative and qualitative data collection and analysis

7/1/2023 – 6/30/2031 (PI:Slaughter-Acey; co-I: Hearst)
U54: Maternal Health Research Center of Excellence $11.9 million
DISRUPT - Dismantling Individual and Structural Racism to promote equitable and person-centered birthing experiences in Underserved Populations across the Twin Cities
Date submitted: December 12, 2022
Role: Co-Lead Community Participation Core; Co-I Research Project 3

7/1/2023 – 6/30/2028 (PI Hearst)
R01: $2.5 million: Fogarty International Center and National Institute for Child Health and Development
Timing of lead exposure and iron deficiency on neurodevelopment: The TENDER cohort study
Cohort study in Kabwe Zambia

Date submitted: Nov. 26, 2022
Role: Project PI

4/1/2019-3/31/2023 (Fulkerson, PI; Hearst PI subcontract)
NIH: Home Food Inventory Paper to App: Refining, Reducing and Reaching (HFI: R^3)
Submission June, 2017. The purpose of this grant is to revise and refine the Home Food Inventory tool and further develop an app to collect data electronically with oral and written language options for Somali, Spanish and Hmong participants. The latter objectives stem from the APDC grant work at St. Catherine's. Subcontract: $278,453.

Robert Wood Johnson, Healthy Eating Research: **Eighteen year trends in dietary quality of menu items of fast food restaurants using the HEI-2010.** (PI: Hearst)
This is a $83,137 grant aims to examine trends in the nutritional quality of menu offering over the past 18 years for five fast food restaurants, 16 years for three and begin baseline analysis for seven additional restaurants using the HEI-2010. Submitted October, 2015. If accepted, grant to begin February 1, 2016.

*Student research experience included in scholarship

Other Honors and Awards

2023 – 2026	Global Scholar, University of Minnesota School of Nursing
2021	Faculty mentor recognition by All-University Student Leadership Awardees
2019	Bonnie Jean Kelly and Joan Kelly Faculty Excellence Award
	Faculty mentor recognition by All-University Student Leadership Awardees
2018	Nominated Sr. Amata Miller Catholic Mission in Action Award, Faculty mentor recognition
2014-16	Faculty mentor recognition by All-University Student Leadership Awardees
2008 - 2010	Transdisciplinary Research on Energetics and Cancer Career Training Award
2008	Children, Youth and Families Consortium: 2007-2008 Advancing Interdisciplinary Research and Action on Health and Education Disparities.
2007	Travel Scholarship and invitation to Methodological Workshop, Society for Epidemiologic Research
2006 - 2007	Graduate School Dissertation Fellowship, University of MN Graduate School

Peer-Reviewed Publications

Under review and in progress

1. Baltaci A, Laska M, Jiang A, Lytle L, **Hearst M**, Fulkerson J. The relationship between forms of fruit and vegetable availability and parent and child intakes of added sugar and sodium in low-income households: Insights from four longitudinal studies. (In progress)

2. Lytle L, Laska M, **Hearst M,** Baltaci A, Fulkerson J. Revising an environmental measurement tool to increase its utility: The revised Home Food Inventory. (In progress)

3. The Intersection of Food Insecurity and Gender-based Violence during the COVID-19 Pandemic. Public Health Nursing (under review)

4. Gondwe K, Collins K, **Hearst MO**, Nkhoma Y, Wendland CL. Decolonizing study-abroad programs in nursing in low- and middle-income countries. Nursing Outlook (under review)

5. Hepperlen R, Biggs J, Rabaey P, Mwandilya W, Mwansa M, **Hearst MO.** Evaluating Outcomes of a Training of Trainers Curriculum to Support Families of Children with Disabilities in Zambia. African Journal of Disability (under review)

6. Olukotun O, Abusbaitan H, **Hearst MO**, Pirsch A, Hoffman S, Martin L, Connor JJ, Adebayo CT, Eyadat A, Dressel A, Giama N, McMorris B, Adams S, Gondwe K, Lopez A, Graf M, Mekonnen H, Mersha SB, Mkandawire-Valhmu L. Gender-based Violence in the Lives of Somali Refugee Women: A Framewok for Analysis and Action. Journal of Transcultural Nursing (under review).

7. Hepperlen, R, Rabaey P, Mwandileya W, Mswans M, Lunda E, **Hearst, MO.** "Before Kusamala+, I was always complaining": A Mixed Methods Evaluation of Quality of Life Outcomes for Families of Children with Disabilities. JARID (under review)

*Student research experience included in scholarship

8. Gacad A, Beckman KJ, Robillos M, Hernandez-Martinez M, López-Justiniano I, **Hearst MO.** Shifting state-level funding to community to improve health equity: The Eliminating Health Disparities Initiatives. AJPH (under review)

9. *Ghebre, M, Biggs, J, Rabaey, P Hepperlen, R, **Hearst, M.** Evaluation community-based intervention that improves family quality of life for children with disabilities and their families in Lusaka, Zambia. Intellectual and Developmental Disability (under review)

2023

1. *Ponce-Allen V, Moison M-G, Linares R, Alvares D, Heras A, **Hearst, M.O.** (2023) Evaluation of a pilot home visiting program based on the Montessori philosophy to promote early childhood development in Latine children in Minnesota. Journal of Community Health Vol 33, No 22

2. **Hearst MO**, Belay M and Wilcox H (2023) The role of the arts on community mental health and cultural understanding in Addis Ababa, Ethiopia. Front. Public Health 11:1253645. doi: 10.3389/fpubh.2023.1253645

3. Baltaci A, Laska M, Horning M, **Hearst MO,** Lee J, Fulkerson JA. Parent meal self-efficacy and practices in households with healthy home food environments in the face of economic hardship. Appetite. 2023 Sep 6;190:107029. doi: 10.1016/j.appet.2023.107029. Epub ahead of print. PMID: 37683896.

4. *Ekwonye AU, Chonyi T, Farah I, Nguyen S, Malek A, **Hearst M**. College Students' Reflections on Their Experience Facilitating a Photovoice Research Project with BIPOC Older Adults and Frontline Healthcare Workers. Youth. 2023; 3(2):477-489. https://doi.org/10.3390/youth3020033

5. **Hearst MO**, Wells L, Hughey L, Makhoul Z. Household Dietary Diversity among Households with and without Children with Disabilities in Three Low-Income Communities in Lusaka, Zambia. International Journal of Environmental Research and Public Health. 2023; 20(3):2343. https://doi.org/10.3390/ijerph20032343

6. *Ekwonye A, Malek A, Farah I, Nguyen S, Chonyi T, Ponce-Diaz V, **Hearst, M.O.** "At old age, I see myself enjoying my time close to a beach:" College students' perceptions of aging, older adults, and future older self. Educational Gerontology (accepted).

7. *Clara Godoy-Henderson, *Ellen Hiestand, *Emma Schluter, *Erica Olson, Jennifer Tacheny, Ambria Crusan & **Mary O. Hearst** (2023) A campus-based community clinic and food-shelf join efforts to reduce food insecurity using a One Health approach toward building a vibrant living system, Journal of American College Health, DOI: 10.1080/07448481.2023.2232461

8. *Angela U. Ekwonye, Abigail Malek, Iqra Farah, Stephanie Nguyen, Tenzin Chonyi, Valerie Ponce-Diaz & **Hearst, M.O.** (2023) "Aging is beautiful and graceful:" exploring college students' perceptions of aging, older adults, and future older selves, Educational Gerontology, DOI: 10.1080/03601277.2022.2164642

2022

9. * Ekwonye AU, Malek A, Chonyi T, Nguyen S, Ponce-Diaz V, Lau Haller L, Farah I, Hearst M. "Pandemic Fatigue! It's Been Going On since March 2020": A Photovoice Study of the Experiences of BIPOC Older Adults and Frontline Healthcare Workers during the Pandemic. Healthcare. 2022; 10(10):1967. https://doi.org/10.3390/healthcare10101967

2021

10. **Hearst, M.O.**, Dutton, LA. (2021) The Future Deserves Better - Seeking Health Equity Through Interprofessional Education, Cultural Humility and Understanding Structural Context. Journal of Interprofessional Care, 35:sup1, 1-2, DOI: 10.1080/13561820.2021.1979870

*Student research experience included in scholarship

11. Barrett, K, Rabaey, P, Biggs, J, Plumer, D, Opokua, S, Yates, N, **Hearst, M.O.** (2021) Developing cultural *fluency, interprofessional collaborative practice and addressing the upstream factors that influence community health among health profession students in two locations in Zambia. Journal of Interprofessional Care, 35:sup1, 17-25, DOI: 10.1080/13561820.2021.1985984

12. Broughton, R.M., **Hearst, M.O.**, Dutton, L.L (2021) Developing a Framework for Interprofessional Collaborative Practice, Cultural Fluence and Ecological Approaches to Health. Journal of Interprofessional Care, 35:sup1, 3-8, DOI: 10.1080/13561820.2021.1981837

13. ***Hearst MO**, Hughey L, Magoon J, Mubukwanu E, Ndonji M, Ngulube E, et al. (2021) Rapid health impact assessment of COVID-19 on families with children with disabilities living in low-income communities in Lusaka, Zambia. PLoS ONE 16(12): e0260486. https://doi.org/10.1371/journal.pone.0260486

14. Harris, M., Ekwonye, A., Munala, L., Buesseler, H., & **Hearst, M. O**. (2021). Exploring Knowledge, Prevention Methods, and Prevention Barriers of COVID-19 Among Somali, Karen, and Latinx Community Members in Minneapolis, Minnesota, USA. *Journal of Primary Care & Community Health*, *12*, 21501327211056595.

15. *Pleski, A.B., Jimbo, F, Pergamon, S, Vang, s. Lee, B., Webber, J., Webber, O, Strom, T, Springer, N **Hearst, M.O.** World Cafe as a model for engaging parents. School Community Journal, 2021, Vol. 31, No. 2

16. ***Hearst MO**, Ekwonye A, Munala L, Ismail H, Kennedy E, Buesseler H. COVID-19 and Systemic Racism Pandemics Impact Daily Life for Immigrant/Refugees, Minneapolis, USA. Annals of Global Health. 2021; 87(1): 107, 1–14. DOI: https://doi.org/10.5334/aogh.3411

17. Ekwonye, A. U., **Hearst MO** et al. (2021). "Reducing the Impact of COVID-19 Pandemic Using Meaning-Based Coping Strategies: Voices of Somali, Karen and Latinx Immigrant and Refugee Communities in the Twin Cities, Minnesota." Journal of Immigrant & Refugee Studies: 1-16.

18. ***Hearst MO,** Yang J, Friedrichsen S, Lenk K, Caspi C, Laska MN. The Availability of Culturally Preferred Fruits, Vegetables and Whole Grains in Corner Stores and Non-Traditional Food Stores. International Journal of Environmental Research and Public Health. 2021; 18(9):5030. https://doi.org/10.3390/ijerph18095030

19. Hepperlen RA, Biggs J, Mwandileya W, Rabaey P, Ngulube E, **Hearst MO**. Using community‐based interventions to reduce public stigma of children with disabilities: A feasibility study. Journal of Applied Research in Intellectual Disabilities. 2021 Jun 9.

2020

20. ***Hearst MO**, Adelli R, Hepperlen R, Biggs J, DeGracia D, Ngulube E, Maluskiku-Mwewa B, Johnson DE, Rabaey P. Community-based intervention to reduce stigma for children with disabilities in Lusaka, Zambia: A pilot. Disability and Rehabilitation. 2020 Oct 13:1-0.

21. *Henke, C; Harris, M; **Hearst, M.O.** Campbell, K. Analyzing health disparities related to maternal hypertensive disorders: A literature review. Journal of Pregnancy Vol2020, Article ID 7864816 https://doi.org/10.1155/2020/7864816

22. Hepperlen RA, Rabaey P, Ngulube E, Biggs J, DeGracia D, **Hearst MO**. Aligning a training curriculum with local needs: Use of an advisory board. *International Social Work*. May 2020. doi:10.1177/0020872820915267

23. Walsh, M. E., Adams, S. M., Ferguson, S., **Hearst, M. O.,** Jones, J.-V., Wall, S., … Theodorakakis, M. (2020). Inquiry in Action: Reflections on the Implementation of Best Practices in Child- and Family-Focused University–Community Partnerships. *Journal of Education*. https://doi.org/10.1177/0022057420903255

24. Hepperlen, RA, Rabaey, P, **Hearst, MO** . Evaluating the cross‐cultural validity of three family quality of life sub‐scales. *J Appl Res Intellect Disabil*. 2020; 00: 1– 10. https://doi.org/10.1111/jar.12727

*Student research experience included in scholarship

2019

25. *Amanda Trofholz; Allan Tate; Jayne A. Fulkerson; **Mary O. Hearst**; Dianne Neumark-Sztainer; Jerica M. Berge Description of the Home Food Environment and Child Dietary Intake in Black, White, Hmong, Latino, Native American, and Somali Homes with 5-7 Year-Old Children Public health nutrition(2019) 22 (5), 882-893

26. Grannon, K, Wang, Q, Larson, N, **Hearst, M.O.,** Berge, J, Nanney, MS, Caspi, C. Do high school students participate in second chance breakfast programs?. JOSH https://doi.org/10.1111/josh.12857

27. ***Hearst MO**, Jimbo-Llapa F, Grannon K, Wang Q, Nanney MS, Caspi CE. Breakfast is brain food? The effect on gradepoint average of a rural group randomized program to promote school breakfast. J Sch Health. 2019; DOI: 10.1111/josh.12810

28. Nanney, M. S., et al. (2019). "A Group Randomized Intervention Trial Increases Participation in the School Breakfast Program in 16 Rural High Schools in Minnesota." Journal of the Academy of Nutrition and Dietetics **119**(6): 915-922.

2018

29. **Hearst, M. O**., Shanafelt, A., Wang, Q., Leduc, R., Nanney, M.S. "Altering the School Breakfast Environment Reduces Barriers to School Breakfast Participation Among Diverse Rural Youth." J Sch Health (2018). **88**(1): 3-8.

2017

30. Caspi, C. E., Wang, Q., Shanafelt, A., Larson, N., Wei, S., **Hearst, M. O.,** Nanney, M. S. "School Breakfast Program Participation and Rural Adolescents' Purchasing Behaviors in Food Stores and Restaurants." J Sch Health (2017) **87**(10): 723-731.

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32. **Hearst, M.O.** Wang, Q., Young, K., Davey, C., Nanney, M.S. School physical activity policy is associated with student physical activity outcomes. Health Behavior and Policy Review, Volume 4, Number 3, May 2017, pp. 265-273(9)

33. **Hearst, M.O.** Wang, Q., Young, K., Davey, C., Nanney, M.S. It Takes a Village: Promoting parent and family education on healthy lifestyles for Minnesota secondary students. JOSH 2017; 87 (1): 55-61 DOI: 10.1111/josh.12468

2016

34. **Hearst, M.O.,** Harnack, L, Wang, Q, Nanney, MS. Dietary quality of diverse, rural adolescents using the Healthy Eating Index -2010 Health Behav Policy Rev.TM 2016;3(6):519-527. DOI: http://dx.doi.org/10.14485/HBPR.3.6.1

35. **Hearst, M.O.** Addressing Health and Education Disparities in Low-income Families with Young Children: Lessons Learned as a Community Engaged Scholar. JCEHE 2016:8(3):35-42

36. Martin, L, Fan, Y., Duke, N. **Hearst, M. O.,** Jordan, C. The CYFC Learning Circle: An Example of Capacity Building in the Academy for Engaged Team Science JCEHE 2016:8(3):16-24

37. Shanafelt, A, **Hearst, M.O.** Wang, Q, Nanney, MS. Food Insecurity and Rural Adolescent Personal Health, Home and Academic Environments. JOSH 86(6):472-480. DOI: 10.1111/josh.12397

*Student research experience included in scholarship

38. Kehm, R., **Hearst, M.O**., Sherman, S., Lechner, K.E. The FAV-S pilot study: Increasing self-efficacy and fruit and vegetable intake among Somali women and children. Health Behavior Health Education 2016; 1-7 DOI: 10.1177/1090198116646367

39. Nanney M, Shanafelt A, Wang Q, LeDuc R, **Hearst M**, Kubik MY, et al. Project BreakFAST: Rationale, design, and recruitment and enrollment methods of a randomized controlled trial to improve access to the School Breakfast Program in rural high schools. Contemporary Clinical Trials 2016.

40. **Hearst M.O**., Shanafelt A, Wang Q, Leduc R, Nanney MS. Barriers, Benefits, and Behaviors Related to Breakfast Consumption Among Rural Adolescents. J Sch Health 2016;86(3):187-94.

41. Kroupina, M., Vang, S, Aidjanov, M, Georgieff,M **Hearst, M.O**. Himes, J., Johnson, D, Miller, Bradley, Syzdykova, A, Sharmanov, T (2015). Predictors of developmental status in young children living in institutional care in Kazakhstan. Maternal and Child Health Journal: 1-9. PMID: 25480471.

2014

42. Laska, M. N., **Hearst, M.O.,** et al. (2014). How we eat what we eat: identifying meal routines and practices most strongly associated with healthy and unhealthy dietary factors among young adults. Public Health Nutrition: 1-11. PMID: 25439511.

43. Anderson, J, Newby, R, Kehm, R, Barland, P, **Hearst, M.O**. Taking steps together: a family- and community-based obesity intervention for urban, multiethnic children. Health Educ Behav published online 22 August 2014 DOI: 10.1177/1090198114547813. PMID: 25150275

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2013

47. **Hearst, M.O.**,Sirard, J.R., Forsyth, A., Parker, E.D. Klein, E.C., Green, C.G., Lytle, L.A. The relationship of area deprivation, individual-level SES and walking behavior among adults. Transportation Research Part A 50 (2013) 149–157. PMID: 23729994.

48. **Hearst, M.O.**, Harnack, L.J., Bauer, K.W., Earnest, A.A., French, S.A. Oakes, J.M. Assessing 14-year trends in the nutritional quality of menu offerings at eight fast food restaurant chains in the U.S.. AJPM 2013 44(6):589–594. PMID: 23683976.

49. Duprez, D.A., **Hearst, M.O.**, Lutsey, P.L., Herrington, D, Ouyang, P., Barr, R.G., Bleumke, D.A., Jacobs, D.R. Associations among lung function, arterial elasticity, and circulating endothelial and inflammation markers: the multi-ethnic study of atherosclerosis. Hypertension 2013; 61. PMID: 23283358.

50. **Hearst, M.O.,** McConnell, S.M., Martin, L., Rafdal, B.H., Bloomgren, R. Early childhood development, food access and screen-time behavior in a low-income community: The five hundred under five social determinants of health pilot study. HEJ March 18, 2013

*Student research experience included in scholarship

2012

51. O'Dougherty, M, **Hearst, MO**, Syed, Kurzer, MS, Schmitz, KH. Life events, stress and depression and their interactions during a physical activity intervention among young women. Mental Health and Physical Activity, 2012. PMID: 23189088.

52. Bauer KW, **Hearst MO**, Earnest AA, French SA, Oakes JM, Harnack LJ. Energy content of U.S. fast-food restaurant offerings: 14-year trends. Am J Prev Med, 2012;43(5):490-7. PMID: 23079171.

53. **Hearst, M.O.**, Biskeborn, K., et al. Trends of overweight and obesity among white and American Indian school children in South Dakota, 1998-2010. Obesity 5 Sep 2012 08:09AM EST | DOI: 10.1002/oby.20022. PMID: 23404863.

54. **Hearst, M.O.,** Fulkerson, J., Martin, L., Parke, M. Validation of a home food inventory among low-income Spanish- and Somali-speaking families. PHN 2012 Oct 4:1-8. PMID: 23034097.

55. Bauer, K.W., **Hearst, M.O.**, Escoto, K, Berge, J, Fulkerson, J, Neumark-Sztainer, D. Parental employment and work-family stress: associations with family food environments. Soc Sci & Med 2012 Aug;75(3):496-504. PMID: 22591825.

56. **Hearst, M.O.**, Patnode, C., Sirard, J., Farbakhsh, K., Lytle, L. Multilevel predictors of adolescent physical activity: a longitudinal analysis. International Journal of Behavioral Nutrition and Physical Activity 2012, 9:8. PMID: 22309949.
57. **Hearst MO**, Sevcik S, Fulkerson JA, Pasch KE, Harnack LJ, Lytle LA. Stressed out and overcommitted! The relationships between time demands and family rules and parents' and their child's weight status. Health Educ Behav. Mar 8. PMID: 22228775.

58. **Hearst, M.O.**, Lytle, L.A., Sirard, J., Dengel, D. Berrigan, D. Physical activity, systolic blood pressure and HDLs: Comparison of three measures of physical activity in adolescents. JPAH 2012, 9,78-85. PMID: 22232509.

2011

59. Jacobs, D.R., Yatsuya, H., **Hearst, M.O**., Thyagarajan, B., Kalhan, R., Rosenberg, S., Smith, L., Barr, G., Duprez, D. Rate of decline of forced vital capacity predicts future arterial hypertension: The Coronary Artery Risk Development in Young Adults. (CARDIA) Study. Hypertension. PMID: 22203738.

60. Fulkerson, J, Farbakhsh, K, Lytle, L, **Hearst, M.O.,** Dengel, D, Pasch, K, , Kubik, M. Away-from-home family dinner sources and associations with weight status, body composition, and related biomarkers of chronic disease among adolescents and their parents. JADA 2011; 111:1892-1897. PMID: 22117665.

61. McDonald K, **Hearst M.O.**, Farbakhsh K, Patnode, C., Forsyth, A. Sirard, J. Lytle, L. Adolescent physical activity and the built environment: a latent class analysis approach. *Health Place.2011* Sep 22. PMID: 21975286.

62. **Hearst MO**, Pasch KE, Laska MN. Urban v. suburban perceptions of the neighbourhood food environment as correlates of adolescent food purchasing. *Public Health Nutr.* Aug 23 2011:1-8. PMID: 21859510.

63. Martinson BC, Vazquezbenitez G, Patnode CD, **Hearst M.O.**, Sherwood NE, Parker ED, et al. Obesogenic family types identified through latent profile analysis. Ann Behav Med 2011. PMID: 21638195.

64. O'Dougherty, M., Schmitz, KH, Hearst, M, Covelli, M, Kurzer, MS. Dual Conversations: Body talk among young women and their social contacts. Qualitative Health Research 2011, 21:1191-1204. PMID: 21508251.

65. **Hearst, M.O.**, Laska, MN, Himes, JH, Butterbrodt, M, Sanaiko, A, Story, M. "The co-occurance of obesity, elevated blood pressure and acanthosis nigricans among American Indian school-children: identifying individual heritage and environmental-level determinants. Journal of Human Biology (2011) Am J Hum Biol **23**(3): 346-52. PMID: 21445934.

*Student research experience included in scholarship

66. Lytle, L. A., **M. O. Hearst,** J. Fulkerson, D.M. Murray, B. Martinson, E. Klein, K. Pasch. Examining the relationships between family meal practices, family stressors, and the weight of youth in the family. Ann Behav Med. (2011). PMID: 21136225.

67. Sirard J, Heitzler, C, **Hearst M.O.,** Laska, M. Dog ownership and family physical activity level. AJPM (2011) 40(3) 334-7. PMID: 21335266.

2010

68. **Hearst M.O.,** Sherwood NE, Klein E, Pasch K, Lytle L. Parental perceptions of their adolescent's weight status: the ECHO study. American Journal of Health Behavior. 2011;35(2):248-255. PMID: 21204687.

69. Johnson P, Carlson K, **Hearst M.O.** Healthcare disparities for American Indian veterans in the United States: a population-based study. Med. 2010;48(6):563-569. PMID: 20473210.

70. Laska MN, **Hearst M.O.**, Forsyth A, Pasch KE, Lytle L. Neighbourhood food environments: are they associated with adolescent dietary intake, food purchases and weight status?. Public Health Nutr. Jun 8 2010:1-7. PMID: 20529405.

71. Dengel DR, **Hearst M.O.**, Harmon JH, Sirard J, Heitzler CD, Lytle LA. Association of the home environment with cardiovascular and metabolic biomarkers in youth. Prev Med. Sep-Oct 2010;51(3-4):259-261. PMID: 20637798.
72. Martin L, **Hearst M.O**., Widome R. Meaningful differences: comparison of adult women who first traded sex as a juvenile versus as an adult. Violence Against Women. 2010 Nov;16(11):1252-69. PMID: 21097962.

2009

73. Dengel, D.R., **Hearst, M.O.,** Sirard, JR, Forsyth, A. Lytle, L Does the built environment relate to the metabolic syndrome in adolescents? Health Place, 2009. **15**(4): p. 946-51. PMID: 19406682.

74. Lytle LA, **Hearst M.O**. Examining the state of the science of prevention of childhood obesity. Current Nutrition and Food Science. 2009; 15(2): 134-148. DOI**:** 10.2174/157340109788185544.

75. **Hearst M.O.**, Pasch K, Fulkerson JA, Lylte L. Does weight status influence weight-related beliefs and the consumption of sugar-sweetened beverages and fast food purchases in adolescents?. Health Education Journal. 2009;68(4):284-295. PMID: 21278806.

76. Oakes, J.M., Forsyth, A, **Hearst, M.O.**, Schmitz, K (2009) Recruiting subjects for neighborhood effects research: Strategies and outcomes of the Twin Cities Walking Study Environment and Behavior. Environment and Behavior 41:787. DOI: 10.1177/0013916508324674.

77. Pasch, K.E., **Hearst, M.O.,** et al., Does outdoor alcohol advertising around elementary schools vary by the ethnicity of students in the school?. Ethn Health, 2009. 14(2): p. 225-36. PMID: 18821155.

78. Pasch, K. E., **M. O. Hearst**, et al. (2009). Alcohol outlets and youth alcohol use: Exposure in suburban areas. Health Place **15**(2): 642-6. PMID: 19084464.

79. **Hearst, M.O.,** et al., Inventory versus checklist approach to assess middle school á la carte food availability. J Sch Health, 2009. **79**(12): p. 593-8; quiz 603-5. PMID: 19909423.

2008

80. **Hearst, M.O.**, Oakes JM, Johnson PJ. (2008). The effect of racial residential segregation on black infant mortality. American Journal of Epidemiology, 168(11):1247-1254. (with discussion). PMID: 18974059.

81. Widome, R., Seiving, R., Harpin, S., **Hearst, M.O.** (2008) Measuring Neighborhood connection and the association with violence in young adolescents. Journal of Adolescent Health. Nov; 43 (5): 482-489. PMID: 18848677.

*Student research experience included in scholarship

82. Forsyth, A. **Hearst, M.O.**, Oakes, J.M., Schmitz, K.H. (2008) Design and destinations: Factors influencing walking and total physical activity. Urban Studies, 45, 1973-1996. DOI: 10.1177/0042098008093386

2007

83. **Hearst, M.O.**, Fulkerson, J.A., Komro, K.A., & Perry, C.L. (2007). Who needs liquor stores when parents will do? The importance of social sources of alcohol among young urban teens. Preventive Medicine. 44(6):471-6. PMID: 17428525.

84. Pasch, K.E., Komro, K.A., Perry, C.L., **Hearst, M.O.,** Farbakhsh, K. (2007). Outdoor alcohol advertising near schools: what does it advertise and how is it related to intentions and use of alcohol among young adolescents?. J Stud Alcohol Drugs. **68**(4): p. 587-96. PMID: 17568965.

85. Forsyth, A., Oakes, J.M., Schmitz, K.H., **Hearst, M.O**. (2007) Does residential density increase walking and other physical activity? Urban Studies, Vol.44, No.4 679-697. DOI: 10.1080/00420980601184729.

Invited talks

1. Policy Forum Series "Stayin' Alive: The Public Health Vibe Today and Tomorrow" March 22, 2019

Select Presentations

1. Baltaci A, Laska M, Jiang Z, Friend S, Lytle L, Hearst M, Fulkerson J. The Relationship Between Forms of Fruit and Vegetable Availability and Child Intakes of Added Sugar and Sodium at Low-Income Households: Insights from Four Longitudinal Studies. ISBNPA 2024 (submitted)
2. Jayne
3. Melissa

4. **Hearst MO.** "A campus-based community clinic and foodshelf join efforts to reduce food insecurity using a One Health approach toward building a vibrant living system. 15th International Congress of Faculty of Nursing, Ain Shams University, Cairo, Egypt 30-31/10/2023 oral presentation

5. **Hearst MO**, Belay, M, Wilcox W. "The role of art, music, and dance on mental health and healing in Addis Ababa, Ethiopia" "5th World Conference On Arts, Humanities, Social Sciences and Education (WCAHSSE-Paris-2023)" Oct 16-17, 2023 Oral presentation.

6. **Hearst, MO**, Heras A, Camacho L, Alvarez D, Linares R. Mi pequeño mundo: A montessori home-based visiting program for Latine families with children 0-3 years old. APHA Atlanta, GA Nov 13, 2023. Roundtable.

7. Lytle, L, Laska, **M, Hearst,** M, Friend, S, Markus, N, Colon-Ramos, Uriyoan, Fulkerson, J. Revising a home food inventory to increase its utility and assess sodium and ultra-processed foods in the home environment. ISBNPA 2023 Upsalla, Sweden

8. **Hearst, M.O.**, Hughey, L, Makhoul, Z. Differential household dietary diversity and food access due to COVID-19 among families with a child with a disability compared to other community families in Lusaka, Zambia. ISBNPA, Phoenix, AZ 2022. **Moderator:** Impact of COVID on children's nutrition and physical activity

9. Godoy-Henderson C, Tacheny J, Crusan A, Olson E, Hiestand E, Schluter E, **Hearst, M.O.** A One Health approach uniting a community clinic and campus food-shelf to reduce food insecurity. Oral Presentation UMACS UW-Stevens Point 2021 (accepted)

*Student research experience included in scholarship

10. Fulkerson JA, Lytle L, **Hearst MO**, Laska MN A comprehensive approach for adapting and evaluating a Home Food Inventory to meet the cultural needs of diverse populations. Part of "Measures of dietary patterns and food environments for diverse populations and settings" symposium Symposium ICDAM 2021 online

11. **Hearst, M**, Fulkerson, JA, Martin L Adapting a home food inventory for an urban Minnesota Somali and Latina population. Part of "Measures of dietary patterns and food environments for diverse populations and settings" symposium Symposium ICDAM 2021 online

12. **Hearst, M**., Ndonji, M. Hughey, M Health Impact Assessment of COVID-19 Among Children With Disabilities and Their Families *CORE Group Global Healthcare Practitioner Conference 2021 online*

13. Hepperlen, R., Rabaey, P., Miller, J., DeGracia, D., Ngulube, E., & **Hearst, M.** (2019, June). Children with disabilities in Zambia: An Inter-professional Project. Poster session presented at the annual AAIDD meeting, Minneapolis, MN.

14. Hearst, M.O., Rabaey, P., Miller, J., Hepperlen, R., Waluskiku-Mwewa, B., Ngulube. Community based intervention to reduce stigma and improve quality of life for children with disabilities in Zambia. Submitted: APHA Fall 2019

15. Hearst, M.O., Yang, J., Lenk, KM., Caspi, C., Laska, MN. The availability of cultural foods in convenience stores and non-traditional food stores serving Black/African American, Asian, Hispanic and East African residents. Submitted: ISBNPA, June 2019

16. Fanny Jimbo, BA, **Mary Hearst, MPH, PhD**, and Anna Shilongo, BS. Early childhood Montessori as obesity intervention in diverse community schools: Exploratory analysis. ISBNPA. June, 2018.

17. **Mary Hearst, MPH, PhD***,* An Inter-professional Project Addressing Children with Disabilities in Zambia. Augsburg University International Social Work Conference (ISWC). May, 2018.

18. Renee Hepperlen, PhD, Fanny Jimbo-Llapa, BA, **Mary Hearst, MPH, PhD**, Karen Mielke, MD/JD, and Paula Rabaey, PhD/OT. Educating Future Health Professionals: Piloting an Interprofessional Education and Cultural Humility Framework. IPE Summit, Saint Paul. April 9, 2018.

19. Donna DeGracia, MPAS, PA-C, **Mary Hearst, MPH, PhD**, Renee Hepperlen, PhD, LICSW, Jennifer Biggs Miller, PT, PhD, CWS, Elizabeth Mushinda, Dip RN, BSC Nursing, MPH, Esther Ngulube Chileshe, Dip Law, B.A. ED, Paula Rabaey, PhD, OTR/L. Children with Disabilities in Zambia. AAPA, New Orleans. May, 2018.

20. Adjoko Wilson, St. Catherine University; Fatuma Noor, St. Catherine University; Mezan Ghebre, St. Catherine University; Marcy Lohese, St. Catherine University; Watson Shungu, Catholic Medical Mission Board; Memory Mwansa, Catholic Medical Mission Board; Elizabeth Mushinda, Catholic Medical Mission Board; Esther Ngulube, Catholic Medical Mission Board; Paula Rabaey, St. Catherine University; **Mary Hearst, MPH, PhD**, St. Catherine University. Family and Community Member Stigma towards Children with Disabilities. Midwest Sociological Society. Minneapolis. March 22-25, 2018.

21. Mezan Ghebre, St. Catherine University; **Mary Hearst, MPH, PhD**, St. Catherine University; Marcy Lohese, St. Catherine University; Memory Mwansa, Catholic Medical Mission Board; Elizabeth Mushinda, Catholic Medical Mission Board; Esther Ngulube, Catholic Medical Mission Board; Paula Rabaey, St. Catherine University; Watson Shungu, Catholic Medical Mission Board. Family, Community and Environmental Assessment in Zambia Using RedCap Mobile App. Midwest Sociological Society, Minneapolis, March 22-25, 2018.

*Student research experience included in scholarship

22. Jennifer Miller, St. Catherine University; Donna DeGracia, St. Catherine University; Renee Hepperlen, St. Catherine University; **Mary Hearst, MPH, PhD**, St. Catherine University. Kusamala+: Training in Trainers (TOT) in Zambia to Improve Quality of Life for Children with Disabilities and Their Families. Midwest Sociological Society, Minneapolis, March 22-25, 2018.

23. **Hearst, M.O.** Jimbo, F. Unravelling Structural Racism. Montessori for Social Justice. Houston, June 2017.

24. **Hearst, M.O.**, Jimbo, F., Wang, Q., Grannon, K., Nanney, M.S., Caspi, C. Breakfast is Brain Food? The effect on GPA of a rural group randomized to promote school breakfast. ISBNPA, Victoria, Canada, June 2017.

25. **Hearst, M.O.,** Shanfelt, A, Wang, Q, Nanney, M.S. Barriers Altering the school breakfast environment reduces barriers to school breakfast participation among diverse rural youth: BreakFAST study. APHA Denver October, 2016.

26. **Hearst, M.O.,** Harnack, L, Wang, Q, Nanney, MS. Dietary quality of diverse, rural adolescents using the Healthy Eating Index -2010, ISBNPA Cape Town, June 2016 .

27. Rabaey, P., Davis, L. Black, C., Jimbo, F., **Hearst, M.O.** Serving the Whole Child: A community-university approach to promote optimal health and educational outcomes. CCPH New Orleans May, 2016.

28. Rabaey, P., Williamson, B., Rudzinski, M., Makhoul, Z., **Hearst, M.O.** Short Assessment of Feeding Elements (SAFE) Tool for At-risk Children Living In Adverse Settings. BMGF Grand Challenges Conference. Beijing, October 2015.

29. Makhoul, Z., **Hearst, M.O.,** Himes, J.H., Johnson, D., Miller, B., Georgieff, M., Kroupina, M., Kaplan, C. Are All Children Thriving? The Great Divide of Growth and Nutrition among Children without Families. BMGF Grand Challenges Conference. Beijing, October 2015.

30. **Hearst, M.O.**, Shanafelt, A., Wang, Q., Nanney, M. Barriers, benefits and behaviors related to eating breakfast among rural adolescents ISBNPA: Edinburgh, June 2015.

31. **Hearst, M.O.,** Moon, J., Sieling, J., Tomita, K., Fulkerson, J.A., Elwell, K. A home food inventory app (eHFI) with pictures and audio for low literacy Somali households. ISBNPA: Edinburgh, June 2015.

32. Shanafelt, A., **Hearst, M**. **O.**, Wang, Q., Nanney, M. Benefits, barriers and behaviors around school breakfast among food insecure, rural adolescents. ISBNPA: Edinburgh, June 2015.

33. Marinelli, J., DeGracia, D, **Hearst, M.,** Mumm, J. New Models of Care: An interprofessional perspective. IPE Summit, St. Catherine University April 29, 2015..

34. Rabaey, P, **Hearst, M**.**O.**, O'Shaunessy, M., Black, C., Drennen, A. Addressing occupational disparities in at-risk children and families through collaboration. SSO: St. Paul, 2014.

35. Kroupina,M, Vang,S, Aidjanov,M, Georgieff, M.K., **Hearst, M.O.,** Himes, J.H., Johnson,D.E., Miller,B., Syzdykova,A.M., Sharmanov, T. and Spoon Foundation Research Team. Predictors of Neurodevelopment Status in Young Children Living in Institutional Care in Kazakhstan. Nutrition and Growth. St. Petersburg, Russia 2013.

36. **Hearst,M.O.,** Kehm, R., Sherman, S., Lechner, K.E. Increasing fruit and vegetable consumption and offerings to Somali children: The FAV-S Pilot Study ISBNPA Ghent, Belgium, 2013.

37. Kehm, R., **Hearst,M.O**., Sherman, S., Lechner, K.E. The FAV-S pilot study: Increasing self-efficacy and fruit and vegetable intake among Somali women and children. ISBNPA Ghent, Belgium (nominated for award), 2013.

*Student research experience included in scholarship

38. **Hearst, M.O.,** Hyden, C., Bonuck, K, Shulman, S. The Feeding Young Children Study: Preliminary Results from a WIC-Based Bottle Weaning Intervention. USDA, 2012.

39. **Hearst, M.O.,** Harnack, L.J., Bauer, K.W., Earnest, A.A., French, S.A. Oakes, J.M. "Living in a fast food nation: How the nutritional quality of fast food menu offerings have changed (or not). ISBNPA Austin, TX 2012.

40. **Hearst, M.O.,** Himes, J., Kaplan, C., Erlich, J. "The Orphan Nutrition Project: Kazakhstan ISBNPA Austin, TX 2012.

41. **Hearst, M.O.,** Fulkerson, J., Martin, L., Parke, M. "Validation of a home food inventory among low-income Spanish and Somali speaking families. ISBNPA Austin, TX 2012.

42. **Hearst, M.O.**, Sirard, J., Farbakash, K., Lytle, L. Predictors of adolescent physical activity. Oral Presentation, ISBNPA. Melbourne, 2011.

43. **Hearst, M.O.,** Martin, L., Rafdal, B.H., Bloomgren, R. McConnell, S.M. Early childhood development, food access and screen-time behavior in a low-income community: The Five Hundred under Five Social Determinants of Health Pilot Study. ISBNPA. Melbourne, 2011.

44. Sendelback, S., **Hearst, M.O.,** Johnson, P.J., Unger, B.T., Mooney, M.R. Effect of variation in temperature management on cerebral performance category scores in patients who received therapeutic hypothermia post cardiac arrest. American Heart Association, 2011 Orlando, Florida.
45. Dengel, D, **Hearst, M.O.,** Harmon, J, Lytle, L. Impact of Changed in Screen Time on Blood Profiles and Blood Pressure in Adolescents Over a Two-year Period. PWP, Exeter, England. 2011.

46. **Hearst, M.O.,** Lytle, L, Murray, D. "Cross-Validation and Multi-Site Trials: Assessing consistencies of predictors of adolescent girls' physical activity." SER, 2010 Seattle, Washington.

47. Berrigan D, Atienza A, **Hearst M,** Lytle LA, Troiano R, Ballard-Barbash R. Associations between self-reported versus objectively measured physical activity, biomarkers, and obesity in adolescents and adults.

48. **Hearst, M.O.**, Laska, MN, Himes, JH, Butterbrodt, M, Sanaiko, A, Story, M. "Obesity and Weight-Related Risk Factors in American Indian Youth: Individual-, Family- and Environment-Level Correlates of Weight Status." TREC Scientific Meeting, Seattle, WA October 6, 2009.

49. Dengel,D.R., **Hearst, M.O**., Harmon, J.H., Sirard, J.R. , Heitzler, C.D., Lytle, L.A. "Impact of the home environment on markers of the metabolic syndrome" 2009 PWP, Paris, France.

50. **Hearst, M.O.,** Lytle, L.A. Sherwood N., Pasch, K.A., Fulkerson, J.A., Klein, L "Who are the parents who misclassify their child's weight?" ISBNPA, 2009 Lisbon, Portugal.

51. **Hearst, M.O.,** Lytle, L.A., Sirard, J., Dengel, D. Berrigan, D "Physical activity, systolic blood pressure and HDLs: Comparison of three measures of physical activity in adolescents." ISBNPA, 2009 Lisbon, Portugal [nominated for award].

52. **Hearst, M.O.,** Johnson, P.J., Carlson, K.F. The effect of county-level deprivation on health risk behaviors in the U.S. 2009 SER, Anaheim, CA.

53. **Hearst, M.O.** (2008, Jan.) Structural Confounding, Segregation and Infant Mortality. Advancing Interdisciplinary Research on Health and Education Disparities. Minneapolis, MN.

54. **Hearst, M.O.** (2007, June). Methodological approaches to contextual research. Invited oral presentation at the Student Workshop, Congress of Epidemiology, 2007, Boston, MA.

*Student research experience included in scholarship

55. **Hearst, M.O.**, Lytle, L. (2006, Aug) Preventing Childhood Obesity: A Review of Intervention Research. I World Congress on Public Health Nutrition, Barcelona, Spain. Public Health Nutrition 8:7(A) 151.

56. **Hearst, M.O.**, Johnson, P.J., (2006, June). Cause-specific Infant Mortality by Residential Segregation. Presented at the Congress of Epidemiology, 2006, Seattle, Washington.

57. **Hearst, M.O.**, Fulkerson, J.A., Komro, K.A., & Perry, C.L. (2006, May). Who needs liquor stores when parents will do? The importance of social sources of alcohol among teens. Presented at the 14th Annual Meeting of the Society for Prevention Research, San Antonio, Texas.

58. Pasch, K., Perry, C.L., Komro, K.A., **Hearst, M.O.**, Farbakhsh, K., Alfano, K. (2006, June). Alcohol Advertising Around Schools and Youth Drinking Rates. Presented at the 14th Annual Meeting of the Society for Prevention Research, San Antonio, Texas.

59. Pasch, K., Perry, C.L., Komro, K.A., Alfano, K.A., Farbakhsh, K., & **Hearst, M.O.** (2005, May). Alcohol advertising and youth alcohol use in inner-city Chicago. Poster presentation at the Society for Prevention Research, Quebec City, Quebec.

60. **Hearst, M.O.** (2004, May) Does social capital moderate the effects of discrimination on perceived health status? Poster presentation at the Interdisciplinary Conversations of Social Capital Conference, Minneapolis, MN.

61. Reischl, T., Kokko, J., **Hearst, M.O.** (2003, April). Development and Use of a Local Surveillance System for Intentional Injuries to Adolescents. Safety in Numbers Conference, Atlanta, GA.
62. Kokko, J., Reischl, T., Morrel-Samuels, S., Alaimo, K., **Hearst, M.O.**, and Nair, P. (2003, November). Development and Use of a Local Surveillance System for Intentional Injuries to Adolescents. Annual Meeting of the American Public Health Association, San Francisco, CA.

Service

Departmental:

Planetary Health and Environmental Impact (2023-
Research Committee (2023 –
Co-Chair Research Day, 2023-24
Faculty Promotion and Tenure Committee (2023 - 2027
Faculty Merit Subcomittee (2023-
Center for Child & Family Health Promotion Research (2023 -
DNP Project Approval Committee (2023 -)
DNP Advisor (2023 -)
Inclusion, Diversity, and Equity Committee member and book club subcommittee (2023 -)
Chair Faculty and Staff Search Committees (2013-2022)
Public Health Club Advisor (2012 - 2014)
EpiCH P&A Promotions Committee (2008-2011)
PhD Student Group Coordinator, Division of Epidemiology and Community Health, University of MN (2005-2006)
Division Advisory Committee Representative, Division of Epidemiology and Community Health, University of MN (2005-2006)
Social Epidemiology Workgroup Administrator (2003-2007)

University:

SPREE Advisory Board (2017 -2022)
AEG Steering Committee (2018 -2022)
Research and Scholarship co-chair (2019 -2022)
Global Health Committee Chair, GHR grant (2016-2017)
Faculty Senate (2013- 2016, 2017-2020, 2021-)
Visibility, ACC, APDC
Provost on-boarding committee (2018 - 2019)

*Student research experience included in scholarship

IPE Developmental Task Force (2013 - 14)
EWO ad hoc
Search committees (business, economics, social work)
Program in Health Disparities Research, University of Minnesota School of Public Health (2009-2012)
Health Disparities Workgroup member; participant on Research Subcommittee, University of MN (2008 -2012)

Professional Community:
ISBNPA SES SIG-Leadership Committee 2022 –
ISPNPA abstract reviewer (2023 -)
Catholic Health Association of Minnesota: Board member 2019 - 2020
Advisory Board: UMN Grand Challenges Grant "Developing effective, scalable strategies to address hunger on post-secondary campuses."
CUGH: Scientific Program Advisory Committee (SPAC) 2018 - , 2022 CUGH-Pulitzer Video Competition Reviewer
MPHA: Global Subcommittee, MPHA Annual Conference Planning Committee
APHA: Abstract and video reviewer (2015 -)
APHA: International and Food and Nutrition subcommittee (2015 -)
Medical Advisory Board, Technical Advisor SPOON Foundation (2011-) Travel to Kazakhstan, Kyrgyzstan, Tajikistan, Beijing, Mongolia (partnership development, data collection, training)
Ad Hoc Reviewer for Social Science and Medicine (2006-current); Addiction (2007), Pediatrics and Perinatal Epidemiology (2008-), Community Engaged Scholarship for Health (2009 -), Youth and Society (2010-), Public Health Nutrition (2010-), Health and Place (2009-), Medicine in Science in Sports and Exercise (2009-), American Journal of Public Health (2010-), Preventive Medicine (2010-), BMJ (2014-), AJPM (2014-), Nutrients (2016 -), Children and Youth Services Review (2018-), Malasian Journal of Nutrition (2018 -), Global Health Economics and Sustainability (2024-)
National Council for Scientific Research Grant Reviewer (2011)
Minnesota State Department of Health, Statewide Health Improvement Program grant reviewer (2011)
NIH Grant Reviewer: Conference (R13) Grant Review (2009)
NIH Grant Reviewer: Statistical and Computational Approaches for Childhood Obesity Special Panel (2009)
Grant reviewer: General Mills Youth Nutrition and Fitness Grants (2005-2009)

*Student research experience included in scholarship