

Mary O. Hearst, M.P.H., PhD

St. Catherine University 2004 Randolph Ave St. Paul, MN 651-690-6157 mohearst@stkate.edu

Academic & Professional Training

University of Minnesota School of Public Health, Minneapolis, MN

Division of Epidemiology and Community Health, **PhD** in Epidemiology, awarded 5/07.

University of Minnesota School of Public Health, Minneapolis, MN.

Area of concentration: Public Health Administration. **MPH** awarded 7/99.

University of Minnesota, Minneapolis, MN.

Undergraduate major: Occupational Therapy. **BS** awarded 12/90.

Work Experience

- 2012 - Associate Professor, Director of Public Health Program, St. Catherine University
- 2012- 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
- 1995-1996 Program Development Consultant, Caritas Albania, Tirane, Albania
- 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 Experience

- 2012 - St. Catherine University: Senior Seminar, Epidemiology, Independent Study, Social Determinants of Health in the Caribbean: An Interprofessional Experience, Global Studies
- 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

Scholarship

10/18/2016-12/31/2020 (Hearst) \$1.1 million

Better Way Foundation: **Serving the Whole Child**

Under review. 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

Ongoing Research Support

12/1/2012 – 11/30/2017 (Nanney)

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

Completed Research Support (of which I was Principal Investigator)

6/1/2016-9/1/2016 (Hearst)

Better Way Foundation: **Serving the Whole Child**

Planning grant and implementation extension.

Role: Principal Investigator

4/1/2016-11/1/2016 (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.

6/1/2014-5/30/2016 (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.

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)

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

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.

Other Honors and Awards

2016	Faculty mentor recognition by All-University Student Leadership Awardees
2015	Faculty mentor recognition by All-University Student Leadership Awardees
2014	Faculty mentor recognition by All-University Student Leadership Awardee
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. **Hearst, M.O.**, Kehm, R., Muegge, J., SPOON Foundation, Johnson, D., Miller, B., HealthProm. Growth disparities among children with disabilities living in institutions versus home settings in Central Asia. (in progress)
2. Mumm, J.M., **Hearst, M.O.**, Shanfelt, A, Wang, Q, Nanney, M.S. Change is social support of school breakfast through policy and environmental changes. (under review) Health Promotion Practice
3. **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 (under review JOSH)
4. **Hearst, M.O.** Wang, Q., Young, K., Davey, C., Nanney, M.S. School physical activity policy is associated with student physical activity outcomes. HBPR (accepted)
5. **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 (in press)

2016

1. **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>
2. **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
3. 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
4. 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
5. 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
6. 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.
7. **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.

2014

8. Kroupina, M., Vang, S, Aidjanov, M, Georgieff, M **Hearst, M.O.** Himes, J., Johnson, D, Miller, Bradley, Syzdykova, A, Sharmanov, T (2014). Predictors of developmental status in young children living in institutional care in Kazakhstan. Maternal and Child Health Journal: 1-9. PMID: 25480471.
9. 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.
10. 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
11. **Hearst, M.O.**, Himes, J.H., SPOON Foundation, Johnson, D.E., Kroupina, M., Syzdykova, A., Adjinov, M., Sharmonov, T. Growth, nutritional, and developmental status of young children living in orphanages in Kazakhstan. IMHJ Vol. 35(2), 94–101 (2014). PMID: 25798515.
12. **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. Primary Care and Community Health 2014 5(2) 139-43. PMID: 24334726.
13. Bonuck, D. **Hearst, M.O.**, Hyden, C., Shulman. S. Is overweight at 12 months associated with differences in eating behaviour or dietary intake among children selected for inappropriate bottle use? Maternal & Child Nutrition 2014 10(2) 234-44. PMID: 23556429.

2013

14. **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.

15. **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.
16. 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.
17. **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

2012

18. 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.
19. 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.
20. **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.
21. **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.
22. 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.
23. **Hearst, M.O.**, Patnode, C., Sirard, J., Farbaksh, 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.
24. **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.
25. **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

26. 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.
27. Fulkerson, J, Farbaksh, 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.
28. McDonald K, **Hearst M.O.**, Farbaksh 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.
29. **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.

30. 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.
31. 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.
32. **Hearst, M.O.**, Laska, MN, Himes, JH, Butterbrodt, M, Sanaiko, A, Story, M. "The co-occurrence 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.
33. 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.
34. 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
35. **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.
36. 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.
37. 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.
38. 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.
39. 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
40. 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.
41. 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.
42. **Hearst M.O.**, Pasch K, Fulkerson JA, Lytle 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.
43. 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.
44. 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.

45. 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.
46. **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

47. **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.
48. 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.
49. 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

50. **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.
51. 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.
52. 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.

Presentations

1. **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.
2. **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
3. 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
4. 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.
5. 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.
6. **Hearst, M.O.**, Shanafelt, A., Wang, Q., Nanney, M. Barriers, benefits and behaviors related to eating breakfast among rural adolescents ISBNPA: Edinburgh, June 2015
7. **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
8. 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

9. Marinelli, J., DeGracia, D, **Hearst, M.**, Mumm, J. New Models of Care: An interprofessional perspective. IPE Summit, St. Catherine University April 29, 2015.
10. 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.
11. 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.
12. **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.
13. 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.
14. **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.
15. **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.
16. **Hearst, M.O.**, Himes, J., Kaplan, C., Erlich, J. "The Orphan Nutrition Project: Kazakhstan ISBNPA Austin, TX 2012.
17. **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.
18. **Hearst, M.O.**, Sirard, J., Farbakash, K., Lytle, L. Predictors of adolescent physical activity. Oral Presentation, ISBNPA. Melbourne, 2011.
19. **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.
20. 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.
21. 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.
22. **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.
23. 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.
24. **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.
25. 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.

26. **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.
27. **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].
28. **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.
29. **Hearst, M.O.** (2008, Jan.) Structural Confounding, Segregation and Infant Mortality. Advancing Interdisciplinary Research on Health and Education Disparities. Minneapolis, MN.
30. **Hearst, M.O.** (2007, June). Methodological approaches to contextual research. Invited oral presentation at the Student Workshop, Congress of Epidemiology, 2007, Boston, MA.
31. **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.
32. **Hearst, M.O.**, Johnson, P.J., (2006, June). Cause-specific Infant Mortality by Residential Segregation. Presented at the Congress of Epidemiology, 2006, Seattle, Washington.
33. **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.
34. Pasch, K., Perry, C.L., Komro, K.A., **Hearst, M.O.**, Farbaksh, 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.
35. Pasch, K., Perry, C.L., Komro, K.A., Alfano, K.A., Farbaksh, 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.
36. **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.
37. 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.
38. 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:

Chair Faculty and Staff Search Committees (2013-)

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:

Global Health Committee Chair, GHR grant (2016-2017)
University Faculty Committee (2013-)
 Visibility and ACC
IPE Developmental Task Force (2013 - 14)
EWO ad hoc
Search committees (business, economics)
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:

MPHA: Global Subcommittee, MPHA Annual Conference Planning Committee
APHA: International and Food and Nutrition subcommittee
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 -)
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)