

## CURRICULUM VITAE

**Jeffrey W. Bethel, Ph.D.**

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School of Public Health and Nutrition  
College of Health  
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### A. EDUCATION AND EMPLOYMENT

#### Education

Ph.D.	Epidemiology	2005	University of California, Davis Graduate Group in Epidemiology Davis, California
B.S.	Biochemistry	1997	University of California, Davis College of Biological Sciences Davis, California

#### Professional Experience

6/19 – 9/23	Epidemiology Program Director School of Biological and Population Health Sciences College of Public Health and Human Sciences Oregon State University
6/17 – present	Associate Professor of Epidemiology School of Biological and Population Health Sciences College of Public Health and Human Sciences Oregon State University
9/11 – 6/17	Assistant Professor of Epidemiology School of Biological and Population Health Sciences College of Public Health and Human Sciences Oregon State University
8/08 – 8/11	Assistant Professor of Epidemiology Department of Public Health Brody School of Medicine East Carolina University
10/09 – 8/11	Science Advisor North Carolina Agromedicine Institute East Carolina University
5/07 – 7/08	Epidemiologist Division of Global Migration and Quarantine National Center for Emerging and Zoonotic Infectious Diseases Centers for Disease Control and Prevention

8/05 – 5/07            CDC/CSTE Applied Epidemiology Fellow  
Division of Global Migration and Quarantine  
National Center for Emerging and Zoonotic Infectious Diseases  
Centers for Disease Control and Prevention

7/01 – 6/05            Graduate Student Researcher  
Department of Public Health Sciences  
University of California, Davis

## **B. TEACHING, ADVISING, AND OTHER ASSIGNMENTS**

### **Instructional Summary**

#### ***Credit Courses***

##### Oregon State University

H 425 Foundations of Epidemiology (3)  
H 525 Epidemiologic Methods I (3)  
H 552 Disaster Epidemiology (3)  
H 562 Infectious Disease Epidemiology (3)  
H 597 Methods in Foodborne Disease Outbreak Investigations (3)  
H 662 Advanced Methods in Infectious Disease Epidemiology (3)

##### East Carolina University

MPH 6011 Introduction to Epidemiology (3)  
MPH 6991 Professional Paper I  
MPH 6992 Professional Paper II (1)  
BIOS 5010 Epidemiology for Public Health Professionals (3)  
MPH-6020 Research Methods (3)  
MPH 6036 Fundamentals in Agromedicine (3)

#### ***Curriculum Development***

##### Oregon State University

- Development of a new graduate course, Infectious Disease Epidemiology, 2012
- Development of a new graduate course, Disaster Epidemiology, 2013
- Development of a new graduate course, Advanced Methods in Infectious Disease Epidemiology, 2016
- Development of a new graduate course, Methods in Foodborne Disease Outbreak Investigations, 2017
- Redesign of a graduate course, Epidemiologic Methods I, 2019

##### East Carolina University

- Development of a new (online and face-to-face) graduate course, Fundamentals in Agromedicine, 2010
- Development of a new online graduate course, Introduction to Epidemiology, 2010

## C. SCHOLARSHIP AND CREATIVE ACTIVITY

### Accepted Publications: Refereed Journals

### Publications: Refereed Journals

1. Lawless J, Diel DG, Wagner B, Cummings KJ, Meredith G, Parrilla L, Plocharczyk E, Lawlis R, Hillson S, Dalziel BD, **Bethel JW**, Lubchenco J, McLaughlin KR, Haggerty R, Higley K, Nieto FJ, Radniecki TS, Kelly C, Sanders J, and Cazer CL. Representative Public Health Surveys Pose Several Challenges: Lessons Learned Across Nine Communities During the COVID-19 Pandemic. *AJPM Focus*. 2024 Jan 30; 3(2). doi: 10.1016/j.focus.2024.100198. *(Assisted with development of study design, data analysis, interpretation of results and writing of manuscript)*
2. Layton BA, Kelly C, Williamson KJ, Alegre D, Bachuber SM, Banwarth PG, **Bethel JW**, Carter K, Dalziel B, Dasenko D, Geniza M., George A, Girard A, Haggerty R, Higley H, Hynes D, Lubchenco J, McLaughlin KR, Nieto FJ, Peterson M, Piemonti, AD, Sanders JL, Tyler BM, and Radniecki T. Evaluation of a wastewater-based epidemiological approach to estimate the prevalence of SARS-CoV-2 infections and the detection of viral variants in disparate Oregon communities at city and neighborhood scales. *Environ Health Perspect*. 2022;130(6):67010. doi: 10.1289/EHP10289. Epub 2022 Jun 29. *(Assisted with development of study design, data analysis, interpretation of results and writing of manuscript)*
3. Ahmed SM, Branscum A, Welch BM, **Bethel JW**, Odden MC, Joya SA, Hasan I, Lin PI, Quamruzzaman Q, Rahman M, Christiani DC, Kile ML. A prospective cohort study of in utero and early childhood arsenic exposure and infectious disease in 4- to 5-year-old Bangladeshi children. *Environ Epidemiol*. 2020;4(2):e086. doi: 10.1097/EE9.000000000000086. *(Assisted with development of study design, data analysis, interpretation of results and writing of manuscript)*
4. Cardenas A, Smit E, Welch BM, **Bethel JW**, Kile ML. Cross sectional association of arsenic and seroprevalence of hepatitis B infection in the United States (NHANES 2003-2014). *Environmental Research*. 2018;166:570-6. *(Assisted with development of study design, data analysis, interpretation of results and writing of manuscript)*
5. Bigouette JP, Bethel JW, Bovbjerg ML, Waite-Cusic JG, Hase Claudia C, Poulsen KP. Knowledge attitudes and practices regarding raw milk consumption in the Pacific Northwest. *Food Protection Trends*. 2018. 38(2):104-10. *(Led development of study design and assisted with data analysis and writing of manuscript)*
6. **Bethel JW**, Spector JT, and Krenz J. Hydration and cooling practices among farmworkers in Oregon and Washington. *BJ. Journal of Agromedicine*. 2017;22(3):222-8. *(Led development of study design, data analysis, interpretation of results and writing of manuscript)*
7. López-Cevallos DF, Gonzalez P, **Bethel JW**, Castañeda SF, Isasi CR, Penedo FJ, Ojeda L, Davis SM, Chirinos DA, Molina KM, Teng Y, Bekteshi V, Gallo LC. Is there a link between wealth and cardiovascular disease risk factors among Hispanic/Latinos? Results from the HCHS/SOL sociocultural ancillary study. *Ethnicity & Health*. 2017; Apr 6:1-12. doi: 10.1080/13557858.2017.1315370. *(Assisted with development of study design, data analysis, interpretation of results and writing of manuscript)*
8. Cardenas A\*, Smit E, **Bethel JW**, Houseman E, Kile ML. Arsenic exposure and the seroprevalence of total hepatitis A antibodies in the US population: NHANES, 2003-2012. *Epidemiol Infect*. 2016;144(8):1641-51. *(Assisted with development of study design, data analysis, interpretation of results and writing of manuscript)*
9. Syron LN\*, Lucas DL, Bovbjerg VE, **Bethel JW**, Kincl LD. Utility of a work process classification system for characterizing non-fatal injuries in the Alaskan commercial fishing industry. *International Journal of Circumpolar Health*. 2016;14:75. *(Assisted with development of study design, data analysis, interpretation of results and writing of manuscript)*
10. Julian AK\*, **Bethel JW**, Odden MO, Thorburn S. Sex differences and risk behaviors among indoor tanners. *Preventive Medicine Reports*. 2016;283-7. *(Assisted with development of study objectives, study design, data analysis, interpretation of results and writing of manuscript)*

11. Cardenas A\*, Smit E, Houseman E, Kerkvliet NI, **Bethel JW**, Kile M. Arsenic exposure and prevalence of the varicella zoster virus in the United States: NHANES (2003-2004 and 2009-2010). *Environmental Health Perspectives*. 2015;123(6): 590-596. *(Assisted with development of study design, data analysis, interpretation of results and writing of manuscript)*
12. Hu M, Li X, Ni X, Wu J, Gao R, Xia W, Wang D, He F, Chen S, Liu Y, Guo S, Li H, Shu Y, **Bethel JW**, Liu M, Moore JB, Chen X. Coexistence of avian influenza virus H10 and H9 subtypes among chickens in live poultry markets during an outbreak of human infection with novel H10N8 virus in Nanchang, China. *Japanese Journal of Infectious Diseases*. 2015;68(5):364-9. *(Assisted with data analysis, interpretation of results and writing of manuscript)*
13. Mendez-Luck C, **Bethel JW**, Goins RT, Schure MB, McDermott E\*. Community as a source of health in three racial/ethnic communities in Oregon: a qualitative study. *BMC Public Health*. 2015;15:127. *(Assisted with development of study objectives, study design, data analysis, interpretation of results and writing of manuscript)*
14. **Bethel JW** and Harger R\*. Heat-related illness among Oregon farmworkers. *Int J Environ Res*. 2014;5(11):9273-85. *(Led development of study objectives, study design, data analysis, interpretation of results and writing of manuscript)*
15. **Bethel JW**, Britt AF\*, Burke S. Disparity in Disaster Preparedness between Racial/Ethnic Groups. *Disaster Health*. 2013;1(2):1-7; <http://dx.doi.org/10.4161/dish.27085>. *(Led development of objectives, study design, analyses, and writing of manuscript)*
16. Burke S, Chaney EH, **Bethel JW**. Stress, Depression, and Coping among Latino Migrant and Seasonal Farmworkers. *Int J Env Res Public Health*. 2013;10(5):1815-30. *(Led analysis plan and analyses and writing of manuscript)*
17. Kearney G, Lea S, Balanay J, Wu Qiang, **Bethel JW**, Von Hollen H, Sheppard K, Tutor R, Defazio J. An Assessment of Sun Safety Behavior among Farmers Attending a Regional Farm Show in North Carolina. *Journal of Agromedicine*. *J Agromed*. 2013;18(1):65-73. *(Assisted in development of objectives, study design, analyses, and writing of manuscript)*.
18. Burke S, **Bethel JW**, Britt AF\*. Assessing Disaster Preparedness among Latino Migrant and Seasonal Farmworkers in Eastern North Carolina. *Int J Env Res Public Health*. 2012;9(9):3115-33. *(Led analysis plan and analyses and writing of manuscript)*
19. Lynch S\*, **Bethel JW**, Moore JB. Rural and Urban Breastfeeding Initiation Trends in Low-Income Women in North Carolina from 2003-2007. *J Hum Lact*. 2012;28(2):226-32. *(Assisted in development of objectives, study design, analyses, and writing of manuscript)*
20. **Bethel JW**, Walsh J, Schenker MB. Preterm, low birthweight deliveries and farmwork among Latinas in California. *J Occup Environ Med*. 2011;53(12):1466-71. *(Assisted in development of objectives, data collection and conducted all analyses and writing of manuscript)*
21. Ward R\*, **Bethel JW**, Jilcott SB. Acculturation, Food Security, Diet Quality and Body Mass Index Among Preconception-aged Latino Women in eastern North Carolina. *J Hunger Environ Nut*. 2011;6(4):490-6. *(Assisted in development of objectives, study design, analyses, and writing of manuscript)*
22. **Bethel JW**, Foreman A, and Burke S. Disaster preparedness among medically vulnerable populations. *Am J Prev Med*. 2011;40(2):139-43. *(Led development of objectives, study design, analyses, and writing of manuscript)*
23. **Bethel JW** and Waterman SH. West Nile virus knowledge among Hispanics, San Diego County, California, USA, 2006. *Emerg Infect Dis*. 2010;16(8):1324-6. *(Led development of objectives, study design, analyses, and writing of manuscript)*
24. Jilcott SB, Liu H, Moore JB, **Bethel JW**, Wilson J, Ammerman AS. Commute times, food retail gaps and body mass index in North Carolina counties. *Prev Chron Dis*. 2010;7(5):A107. *(Assisted in development of objectives, study design, analyses, and writing of manuscript)*
25. **Bethel JW** and Waterman SH. Knowledge, attitudes, and practices regarding influenza control measures among Hispanics in San Diego County – 2006. *Ethnicity & Disease*, 2009;19(4):377-83. *(Led development of objectives, study design, analyses, and writing of manuscript)*

26. Waterman SH, Escobedo M, Wilson T, Edelson PJ, **Bethel JW**, Fishbein DB. A new paradigm for quarantine and public health activities at land borders: opportunities and challenges. *Public Health Reports* 2009; 124(2):203-12. *(Assisted in writing of manuscript)*
27. **Bethel JW** and Schenker MB. 2005. The association between acculturation and smoking patterns among Hispanics: a review. *Am J Prev Med.* 2005; 29(2):143-48. *(Led development of objectives, study design, analyses, and writing of manuscript)*
28. Kelley GO, Zagmutt-Vergara FJ, Leutenegger CM, **Bethel JW**, et al. Evaluation of quantitative real-time PCR rapid assessments of the exposure of sentinel fish to *Myxobolus cerebralis*. *Parasitol Res.* 2006;99(4):328-35. *(Assisted in analysis plan, data analyses and writing of manuscript)*
29. Kasirye OC, Walsh JA, Romano PS, Beckett LA, JA Garcia JA, Elvine-Kreis B, **Bethel JW**, Schenker MB. Acculturation in a rural Latina population and its association with health-risk behaviors. *Ethn Dis.* 2005 Autumn;15(4):733-9. *(Assisted with development of study objectives, data collection, and writing of manuscript)*

\* Denotes student author

### Publications: Invited Editorials

1. **Bethel JW**. Wastewater surveillance provides a powerful tool for monitoring and controlling communicable diseases. *J Public Health Manag Pract.* 2022;28(2):107-8. *(Led all aspects of the paper)*

### Publications: Report Chapters

1. **Bethel JW** and Ranzoni S\*. 2013. Human health: Impacts and adaptation. Chapter 7 in M.M. Dalton, P.W. Mote, and A.K. Snover (eds.) *Climate Change in the Northwest: Implications for Our Landscapes, Waters, and Communities*, Washington D.C.: Island Press. *(Led review design, literature review, and writing of report chapter)*

\* Denotes student author

### Peer-Reviewed Presentations

1. Breuner NE, McLaughlin KR, Dalziel B, Preece J, **Bethel JW**, Higley K, Radniecki T, Myers A. (2024) Towards Pandemic-Resilient Cities: Multi-Disciplinary Academic-Practice Linkages to Build City-Level Immune Systems. Poster presented at American Public Health Association 2024 Annual Meeting and Expo, Minneapolis, October, 2024, Minnesota, MN.
2. **Bethel JW**, Radniecki T, McLaughlin K, Higley K, Myers A, Dalziel B. Team-based Rapid Assessment of community-level Coronavirus Epidemics (TRACE): A community-engaged approach to estimate prevalence of SARS-CoV-2 infection. Presented at the 2024 Council of State and Territorial Epidemiologists (CSTE) Annual Meeting, June 2024, Pittsburgh, PA.
3. **Bethel JW**, Haggerty R, Higley K, Lubchenco J, Sanders J, McLaughlin K, Nieto FJ, Radniecki T, Dalziel B. Use of wastewater viral RNA levels of SARS-CoV-2 to predict community prevalence. Presented at the 2021 American Public Health Association (APHA) Annual Meeting, October 2021, Denver, CO.
4. **Bethel JW**, Haggerty R, Higley K, Lubchenco J, Sanders J, McLaughlin K, Nieto FJ, Radniecki T, Dalziel B. Team-based Rapid Assessment of community-level Coronavirus Epidemics (TRACE): A community-based approach to estimate prevalence of SARS-CoV-2 infection. Presented at the 2021 American Public Health Association (APHA) Annual Meeting, October 2021, Denver, CO.
5. **Bethel JW**, Haggerty R, Higley K, Lubchenco J, Sanders J, McLaughlin K, Nieto FJ, Radniecki T, Dalziel B. Team-based Rapid Assessment of community-level Coronavirus Epidemics (TRACE): A community-engaged approach to estimate prevalence of SARS-CoV-2 infection. Presented at the 2021 Oregon Public Health Association (OPHA) Annual Meeting, October 2021, Corvallis, OR.

6. **Bethel JW**. Building Climate Change Adaptive Capacity in the Public Health Community. Presented at the American Meteorological Society (AMS) Annual Meeting, January 2020, Boston, MA.
7. Ashraf B\*, Medlock J, Hystad P and **Bethel JW**. A comparison of common environmental and demographic associations across multiple tick-borne diseases in the United States. Presented at the 2019 American Public Health Association (APHA) Annual Meeting, November 2019, Philadelphia, PA.
8. **Bethel JW**. Using the Building Resilience Against Climate Effects (BRACE) Framework to Build Adaptive Capacity to Climate Change in a Coastal Washington County. Presented at the 2019 Oregon Public Health Association Annual Meeting, October 2019, Corvallis, OR.
9. Bigouette JP\* and **Bethel JW**. Disparities in Influenza Vaccination Coverage in US Adults Associated with Place of Preventive Health Care Location, 2015. Presented at the 2018 American Public Health Association (APHA) Annual Meeting, November 2018, San Diego, CA.
10. Ashraf B\*, Ashraf A, Bowser J, Medlock J, and **Bethel JW**. Influence of select demographics and landscape characteristics with Lyme disease and Babesiosis. Presented at the 2018 American Public Health Association (APHA) Annual Meeting, November 2018, San Diego, CA.
11. Ortiz V, Ferullo S, Aristizabal C, Guzman A, Burke S, Bahr K, **Bethel JW**, Chu L, and Vail-Smith. Disaster preparedness among elderly latinos in Los Angeles County. Presented at the 2018 American Public Health Association (APHA) Annual Meeting, November 2018, San Diego, CA.
12. Aristizabal C, Guzman A, Lopez S, Burke S, Bahr K, **Bethel JW**, and Chu L. Disaster Preparedness among Elderly Latinos. Presented at the 2018 American Public Health Association (APHA) Annual Meeting, November 2018, San Diego, CA.
13. Ashraf A, Ashraf B\*, **Bethel JW**. Common Associations Between Select Environmental Factors and Various Tick Borne Diseases in Massachusetts. Presented at the 2017 American Public Health Association (APHA) Annual Meeting, November 2017, Atlanta, GA.
14. Bigouette JP\* and **Bethel JW**. Public Health Interventions to Reduce Morbidity and Mortality during Wildfires in North America: A Systematic Review. Presented at the 2017 Oregon Public Health Association (OPHA) Annual Meeting, October 2017, Corvallis, OR.
15. Bigouette JP\*, Smit E, Owen E, **Bethel JW**. Disparities in influenza vaccination coverage in US adults associated with place of preventive health care location, 2015. Presented at the 2017 Oregon Public Health Association (OPHA) Annual Meeting, October 2017, Corvallis, OR.
16. **Bethel JW**. Assessment of Disaster Preparedness among Households in Corvallis, Oregon. Presented at the 2017 Oregon Public Health Association (OPHA) Annual Meeting, October 2017, Corvallis, OR.
17. **Bethel JW**. Student-led Community Assessment for Public Health Emergency Response (CASPER) as a Tool to Teach Applied Epidemiology. Presented at the 2017 Council of State and Territorial Epidemiologists (CSTE) Annual Meeting, June 2017, Boise, ID.
18. Bigouette JP\* and **Bethel JW**. Knowledge, Attitudes, and Practices regarding Raw Milk Consumption in the Pacific Northwest. Presented at the 2017 Oregon Epidemiologists Meeting, June 2017, Bend, OR.
19. Lyon-Colbert A\*, Smit E, Bae HT, **Bethel JW**. The Association of Extreme Climate Events and Campylobacteriosis in Portland Metro Area, Oregon: 2011-2016. Presented at the 2017 Society for Epidemiologic Research (SER) Annual Meeting, June 2017, Seattle, WA.
20. Sampsel A\*, Bigouette JP\*, **Bethel JW**. Assessment of Household Emergency Plans and Preparedness in Corvallis, Oregon. Presented at the 2017 Council of State and Territorial Epidemiologists (CSTE) Annual Meeting, June 2017, Boise, ID.
21. Sampsel A\*, Bigouette JP\*, **Bethel JW**. Assessment of Household Emergency Plans and Preparedness in Corvallis, Oregon. Presented at the 2017 Oregon Epidemiologists Meeting, June 2017, Bend, OR.
22. Lyon-Colbert A\*, **Bethel JW**, Sarker M, Talduker P. Illness-Causing Bacteria Identified in Two After-School Care Centers in Linn and Benton county, Oregon. Presented at the 2017 Council of State and Territorial Epidemiologists (CSTE) Annual Meeting, June 2017, Boise, ID.

23. **Bethel JW**. Oregon Public Health Association Annual Meeting, Hydration and Cooling Practices among Farmworkers at Risk for Heat-Related Illness in Oregon and Washington. Presented at the 2016 Oregon Public Health Association (OPHA) Annual Meeting, October 2016, Corvallis, OR.
24. Bigouette JP\* and **Bethel JW**. Knowledge, Attitudes, and Practices regarding Raw Milk Consumption in the Pacific Northwest. Presented at the 2016 Oregon Public Health Association (OPHA) Annual Meeting, October 2016, Corvallis, OR.
25. Ashraf B\*, Ashraf A, Medlock J, **Bethel JW**. Impact of Historical Temperature and Precipitation on Lyme Disease Cases in Rhode Island. Presented at the 2015 American Public Health Association (APHA) Annual Meeting, November 2015, Chicago, IL.
26. Dominguez Escutia G\*, Lopez-Cevallos D, Garside L, **Bethel JW**. Prevalence of Chronic Disease Risk Factors among Vineyard and Winery Workers in the North Willamette Valley, Oregon, 2004-2012. Presented at the 2015 American Public Health Association (APHA) Annual Meeting, November 2015, Chicago, IL.
27. Bigouette JP\* and **Bethel JW**. Epidemiology of Reported Foodborne *Escherichia Coli* O157:H7 Outbreaks in the United States, 2010-2015. Presented at the 2013 Oregon Public Health Association (OPHA) Annual Meeting, October 2015.
28. Harbord AM\*, Pearson E, Poulsen K, **Bethel JW**, Bovbjerg M, Hase C, Varnegas J, Waite-Cusic J. Risk assessment of raw caprine and bovine milk produced and consumed in the Willamette Valley of Oregon. Presented at International Association of Food Production Annual Meeting, July 2015.
29. **Bethel JW**. Health Effects of Climate Change: Highlights from the 2013 Northwest Climate Assessment. Presented at 2015 Northwest Environmental Health Conference, Portland, OR, March 2015.
30. **Bethel JW**. Epidemiology Education – Student-Led Assessment of Household Disaster Preparedness. Presented at the 2014 American Public Health Association (APHA) Annual Meeting, November 2014.
31. Ashraf B and **Bethel JW**. Lyme Disease in Rhode Island: How a Combination of Climate Patterns May Influence the Number of Cases. Presented at the 2014 American Public Health Association (APHA) Annual Meeting, November 2014.
32. López-Cevallos DF, Gonzalez P, **Bethel JW**, Castañeda SF, Isasi CR; Penedo FJ; Ojeda L, Davis SM, Chirinos DA, Molina KM, Teng Y, Bekteshi V, Gallo LC. Relationship Between Wealth Factors and Health Status Among Hispanic/Latinos: Preliminary Findings from the HCHS/SOL Sociocultural Ancillary Study. Poster session presented at the Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2014 Scientific Sessions, March 2014.
33. **Bethel JW**. Heat-Related Illness among Oregon Migrant and Seasonal Farmworkers. Presented at the 2014 Western Migrant Stream Forum, February, 2014.
34. López-Cevallos DF, Gonzalez P, **Bethel JW**, Castaneda SF, Gallo LC, Talavera G. Relationship between Social Status, Wealth, and Health Status in the Hispanic Community Health Study/ Study of Latinos (HCHS/SOL): Study Results. Oral session presented at Third Hispanic Poverty, Inequality and Social Mobility Meeting, Administration for Children & Families, U.S. Department of Health & Human Services, December 2013.
35. **Bethel JW** and Harger R\*. Heat-Related Illness among Oregon Migrant and Seasonal Farmworkers. Presented at the 2013 American Public Health Association (APHA) Annual Meeting, November 2013.
36. **Bethel JW**, Britt, AF\*, Burke S. Disaster Preparedness among Medically Vulnerable Populations. Presented at the 2013 American Public Health Association (APHA) Annual Meeting, November 2013.
37. **Bethel JW** and Ranzoni S\*. Disaster Preparedness among Latino Households in Marion County, Oregon. Presented at the 2013 American Public Health Association (APHA) Annual Meeting, November 2013.
38. Burke S, Chu L, **Bethel JW** and Ranzoni S\*. Disaster Preparedness among elderly Latinos. Presented at the 2013 American Public Health Association (APHA) Annual Meeting, November 2013.

39. Harger R\* and **Bethel JW**. Working conditions and fluid consumption among Oregon farmworkers. Presented at the 2013 Oregon Public Health Association (OPHA) Annual Meeting, October 2013.
40. **Bethel JW** and Harger R\*. Pilot study to assess risk factors for heat-related illness among Oregon farmworkers. Presented at the 2013 Oregon Public Health Association (OPHA) Annual Meeting, October 2013.
41. **Bethel JW**. Barriers to Prenatal Care among Latina Women in Rural Eastern North Carolina. Presented at the 2013 Council of State and Territorial Epidemiologists Conference (CSTE), June 2013.
42. Mote P, Dalton M, Snover A, Abatzoglou J, **Bethel JW**, Capalbo S, Eigenbrode S, Glick P, Littell J, Raymondi R, Reeder S, Ruggiero P, Shafer S. Northwest Climate Assessment Report. Presented at the American Geophysical Union (AGU) Fall Meeting, December 2012.
43. **Bethel JW, Goins T, Mendez-Luck C**. Facilitators and Barriers to Healthy Living in Oregon: Perspectives from American Indian and Latino Adults. Presented at the 2012 American Public Health Association (APHA) Annual Meeting, October 2012.
44. **Bethel JW**. Promoting Public Health in the Rural Northwest: The Roles of Land Grant Universities. Presented at the 25<sup>th</sup> Northwest Regional Rural Health Conference, March 2012.
45. **Bethel JW** and Foreman A\* Disparity in influenza and pneumococcal vaccination coverage between non-Hispanic whites and Hispanics of various acculturation levels. Presented at the 2011 American Public Health Association (APHA) Annual Meeting, October 2011.
46. Burke S, **Bethel JW**, Foreman A\*. Disaster Preparedness Among Latino Migrant and Seasonal Farmworkers in Eastern North Carolina. Presented at the 2011 American Public Health Association (APHA) Annual Meeting, October 2011.
47. **Bethel JW**, Foreman A\*, Burke S. Examination of Differences in Disaster Preparedness Levels by Race/Ethnicity. Presented at the 2011 Council of State and Territorial Epidemiologists Conference (CSTE), June 2011.
48. **Bethel JW** and Burke S. Collaborative Integration of Public Health Content into Undergraduate Liberal Arts Education. Presented at the Association for Prevention Teaching and Research (APTR) National Conference, Washington, District of Columbia, March 2011.
49. Doherty L\*, Cummings DM, **Bethel JW**, Bica D. H3D: Heart Health in High-Risk Diabetics. A program evaluation of a diabetes care management program: Research in Progress. Presented at North American Primary Care Research Group (NAPCRG) 2010 Annual Meeting, November 2010.
50. Foreman A\*, May C, Burke S, **Bethel JW**. Assessing Disaster Preparedness among Latino Migrant and Seasonal Farmworkers in eastern North Carolina. Presented at the 2010 North Carolina Public Health Association Conference (NCPHA), October 2010.
51. **Bethel JW**, Foreman A\*, Burke S. Differences in natural disaster preparedness by perceived health and disability status. Presented at the 2010 Council of State and Territorial Epidemiologists Conference (CSTE), June 2010.
52. **Bethel JW**. Examination of Differences in Disaster Preparedness Levels by Race/Ethnicity. Presented at the 6<sup>th</sup> Annual Jean Mills Symposium, February 2010.
53. Lynch S, **Bethel JW**, Moore JB. Regional Breastfeeding Trends in Low Income Women in North Carolina from 2003-2007. Presented at the 6<sup>th</sup> Annual Jean Mills Symposium, February 2010.
54. Ward RK\*, Jilcott SB, **Bethel JW**. Acculturation, food insecurity, diet quality and body mass index among preconception-aged Latino women in eastern North Carolina. Presented at the 6<sup>th</sup> Annual Jean Mills Symposium, February 2010.
55. **Bethel JW**, Little R, Novick L. An Investigation of Enhanced Approaches to Identify the Medically Fragile during a Coastal Emergency. Presented at the 2009 Council of State and Territorial Epidemiologists Conference (CSTE), June 2009.
56. Kunkel R, Marano C, Mitruka K, **Bethel JW**, Finelli L, Slaton D. Preparation for an Influenza Pandemic: Surveillance of Influenza-like Illness on Cruise Ships. Presented at the 2009 Council of State and Territorial Epidemiologists Conference (CSTE), June 2009.
57. Kleffman M\*, **Bethel JW**, Moore JB. Development and Implementation of Pediatric Oral Health Education Program Targeting Mothers in Pitt County, North Carolina – 2008. Presented at the Mills Annual Health Symposium, February 2009.



58. **Bethel JW**, Ginsberg M, Waterman S. Knowledge, attitudes, and practices about influenza prevention measures among Hispanics in San Diego County – 2006. Presented at the 2008 International Conference on Emerging Infectious Diseases (ICEID), March, 2008.
59. **Bethel JW**, Ginsberg M, Waterman S. Knowledge, attitudes, and practices about West Nile virus among Hispanics in San Diego County – 2006. Presented at the 2007 American Society of Tropical Medicine and Hygiene Conference (ASTMH), November 2007.
60. **Bethel JW**, Ginsberg M, Waterman S. Hispanic Health Awareness and Practices Survey (HHAPS). Presented at the 2007 Council of State and Territorial Epidemiologists Conference (CSTE), June 2007.
61. **Bethel JW**, Ginsberg M, Waterman S. Knowledge, attitudes, and practices about lead-based cultural influences among Hispanics in San Diego County – 2006. Presented at the 2007 Council of State and Territorial Epidemiologists Conference (CSTE), June 2007.
62. **Bethel JW**, Ginsberg M, Waterman S. Evaluation of Hepatitis A Surveillance in San Diego County (2003 – 2004). Presented at the 2006 Council of State and Territorial Epidemiologists Conference (CSTE), June 2006.
63. **Bethel JW**. Preterm Low Birthweight Deliveries Among Hispanic Farm Workers in California. Presented at the 2006 Council of State and Territorial Epidemiologists Conference (CSTE), June 2006.
64. **Bethel JW**. Cigarette Smoking among Pregnant Latinas in San Joaquin County: The Role of Acculturation.\* Presented at the 2005 American Thoracic Society Conference, May 2005 \* highlighted by the ATS Assembly on Behavioral Science as an example of the focus and quality of original research.
65. **Bethel JW**, Elvine-Kreis BJ, Kasirye O, Beckett L, Walsh J, Schenker MB. Farm Work and Preterm Low Birthweight (PTLBW) Delivery Among Hispanic Women in California. Presented at the 2004 conference: Cultivating a Sustainable Agricultural Workplace. Sponsored by the Pacific Northwest Agricultural Safety and Health Center and Western Center for Agricultural Health and Safety.

\* Denotes student author

### Invited Presentations

1. **Bethel JW**. Update on TRACE: A scalable community-based approach to estimate the prevalence of SARS-CoV-2 infection. Presented at the College of Public Health and Human Sciences, Research Seminar Series, June 6, 2020.
2. **Bethel JW**. Team-based rapid assessment of community-based coronavirus epidemics (TRACE). Presented at the OSU Faculty Senate Under the Orange Light: COVID-19.
3. **Bethel JW**. Building Climate Change Adaptive Capacity in the Public Health Community. Presented at the College of Public Health and Human Sciences, Research Seminar Series, May 2019.
4. **Bethel JW**. Impact of Climate Change on Farmworkers. Presented at the 2017 American Public Health Association (APHA) Annual Meeting, November 2017, Atlanta, GA.
5. **Bethel JW**. One Health and Climate Change. Presented at the OSU One Health Seminar Series, January 2015.
6. **Bethel JW**. Impact of Climate Change on Global Health. Presented at the OSU Center for Global Health Symposium, May 2014.
7. **Bethel JW**. Health Effects of Climate Change: Highlights from the 2013 Northwest Climate Assessment Report. Presented at the Marion County Health Department Community Health Awareness Team (CHAT) meeting, March 2014.
8. **Bethel JW**. Preparedness among Latino Households in Marion County, Oregon. Presented at the Marion County Health Department Community Health Awareness Team (CHAT) meeting, December 2013.
9. **Bethel JW**. Preparedness among Latino Households in Marion County, Oregon. Presented at the Marion County Health Department Community Health Awareness Team (CHAT) meeting, December 2013.

10. **Bethel JW.** Health Effects of Climate Change: Highlights from the 2013 Northwest Climate Assessment Report. Oregon Health Authority Climate Brown Bag meeting, November 2013.
11. **Bethel JW** and Ranzoni S. Disaster Preparedness among Latino Households in Marion County, Oregon. Presented at 29<sup>th</sup> Oregon Epidemiologist's Meeting (OR-EPI), May 2013.
12. **Bethel JW.** Mixed-methods approach to assessing disaster preparedness among migrant and seasonal farmworkers. Presented at 29<sup>th</sup> Oregon Epidemiologist's Meeting (OR-EPI), May 2012.
13. **Bethel JW.** Emergency communications and health outreach with vulnerable populations. Presented at 29<sup>th</sup> Oregon Epidemiologist's Meeting (OR-EPI), May 2012.

## **Grant and Contract Support**

### ***Current Research/Contract Support***

Title: Wastewater Surveillance for Climate-Sensitive Pathogens

Sponsor: Transdisciplinary Research Seed Funds, Division of Research and Innovation, Oregon State University

Objective: Identify and map the current range and hotspots of climate-sensitive pathogens in the US

Dates: 7/1/2024 – 6/30/2025

Budget: \$50,000

Role: Co-PI

Title: Environmental Predictors of Nontuberculous Mycobacterial Infections in Oregon

Sponsor: Transdisciplinary Research Seed Funds, Division of Research and Innovation, Oregon State University

Objective: Gather preliminary data on relationship between non-tuberculosis mycobacteria (NTM) presence in water and wastewater sources in Oregon and understand the impact of environmental factors on changing NTM epidemiology

Dates: 7/1/2024 – 6/30/2025

Budget: \$50,000

Role: Co-PI

Title: Foodborne Disease Surveillance Training Program

Sponsor: Centers for Disease Control and Prevention (CDC) via Oregon Health Authority/Public Health Division

Objective: Provide surge capacity to OHA in the surveillance of foodborne diseases

Dates: 11/1/2024 – 10/31/2029

Budget: \$200,000 (subcontract)

Role: PI

### ***Completed Research/Contract Support***

Title: Coupling Predictive Intelligence with Adaptive Response to Create Pandemic-Resilient Cities

Sponsor: National Science Federation (NSF)

Objective: Build and scale community-academic partnerships with public health professionals on pandemic predictive intelligence and adaptive response. Develop mathematical and computational models of stepping back across epidemic tipping points. Prototype city-scale feedback loops that predict, and proactively alter, infectious disease transmission rates.

Dates: 9/1/2022 – 2/23/2024

Budget \$1,000,000

Role: Co-PI

Title: Scaling the Team-based Rapid Assessment of Community-level coronavirus Epidemics (TRACE) Project into a Coordinating Center

Sponsor: David and Lucille Packard Foundation  
Objective: Establish a coordinating center of academic partners to respond to emerging pathogens  
Dates: 11/15/2020 – 11/15/2024  
Budget: \$1,999,995  
Role: Co-PI

Title: COVID-19 Surge Response  
Sponsor: Oregon Health Authority  
Objective: Provide OHA with epidemiologic surge capacity in its response to the COVID-19 pandemic in Oregon  
Dates: 7/1/2020 – 6/30/2023  
Budget: \$1,342,728  
Role: Co-PI

Title: Team-based Rapid Assessment of Community-level coronavirus Epidemics (TRACE)  
Sponsor: David and Lucille Packard Foundation  
Objective: Rapidly estimate the prevalence of SARS-CoV-2 at the community level and quickly scale up the approach to communities across Oregon and the nation  
Dates: 4/20/2020 – 3/21/2021  
Budget: \$750,000  
Role: Co-PI

Title: Team-based Rapid Assessment of Community-level coronavirus Epidemics (TRACE)  
Sponsor: David and Lucille Packard Foundation  
Objective: Rapidly estimate the prevalence of SARS-CoV-2 at the community level and quickly scale up the approach to communities across Oregon and the nation  
Dates: 5/15/2020 – 4/14/2021  
Budget: \$800,000  
Role: Co-PI

Title: Oregon Integrated Food Safety Center of Excellence  
Sponsor: Centers for Disease Control and Prevention via Oregon Integrated Food Safety Center of Excellence (Oregon Health Authority/Public Health Division)  
Objective: to develop and deliver foodborne disease training modules and exercises and train students in the investigation and control of foodborne disease outbreaks  
Dates: 8/1/2019 – 7/31/2020  
Budget: \$238,612 (subcontract)  
Role: PI

Title: Climate Impacts Research Consortium (CIRC)  
Sponsor: National Oceanic and Atmospheric Administration  
Consortium objective: to provide information and tools for stakeholders to make decisions about landscape and watershed management in a changing climate  
Public Health Core objective: to increase capacity to address climate change among local health jurisdictions  
Dates: 9/1/2015 – 8/31/2020  
Overall Consortium Budget: \$3,690,003  
Consortium Lead PIs: Phil Mote and Denise Lach (OSU)  
Role: Co-PI  
Individual Budget: \$110,430  
Other Co-PIs: John Abatzoglou, Dominique Bachelet, John Bolte, Josh Foster, Nathan Gilles, Kathy Lynn, Guillaume Mauger, Bart Nijssen, Peter Ruggiero

Title: Oregon Integrated Food Safety Center of Excellence  
Sponsor: Centers for Disease Control and Prevention via Oregon Integrated Food Safety Center of Excellence (Oregon Health Authority/Public Health Division)  
Objective: to develop and deliver foodborne disease training modules and exercises and train students in the investigation and control of foodborne disease outbreaks  
Dates: 8/1/2018 – 7/31/2019  
Budget: \$238,612 (subcontract)  
Role: PI

Title: Oregon Integrated Food Safety Center of Excellence  
Sponsor: Centers for Disease Control and Prevention via Oregon Integrated Food Safety Center of Excellence (Oregon Health Authority/Public Health Division)  
Objective: to develop and deliver foodborne disease training modules and exercises and train students in the investigation and control of foodborne disease outbreaks  
Dates: 8/1/2017 – 7/31/2018  
Budget: \$257,691(subcontract)  
Role: PI

Title: Oregon Integrated Food Safety Center of Excellence  
Sponsor: Centers for Disease Control and Prevention via Oregon Integrated Food Safety Center of Excellence (Oregon Health Authority/Public Health Division)  
Objective: to develop and deliver foodborne disease training modules and exercises and train students in the investigation and control of foodborne disease outbreaks  
Dates: 8/1/2016 – 7/31/2017  
Budget: \$51,045 (subcontract)  
Role: PI

Title: Training Program for Foodborne Outbreak Investigations  
Sponsor: Oregon Health Authority, Public Health Division  
Objective: to deliver a training program for MPH students to gain experience in conducting foodborne outbreak investigations  
Dates: 9/15/2015 – 6/15/2016  
Budget: \$27,000  
Role: PI

Title: Development of a Blanket Disaster-Related Human Subjects Research Protocol  
Sponsor: Environmental Health Science Center, Oregon State University  
Objective: to develop a blanket disaster-related human subjects research protocol to be activated after a disaster in order to conduct research in a timely manner  
Dates: 9/1/2014 – 8/31/2015  
Budget: \$14,667  
Role: PI

Title: Risk Assessment of Raw Bovine Milk for Retail Sale in the Pacific Northwest  
Sponsor: Oregon State University, Division of Health Sciences Interdisciplinary Research Grants Program  
Objective: to study consumer and producer knowledge and attitudes about raw milk, to establish potential demand for a point-of-sale or consumption screening test for raw milk, and to develop a screening tool for detection of bacterial pathogens in raw milk  
Dates: 7/1/2013 – 6/30/2014  
Budget: \$29,943  
Role: Co-I (PI: Keith Poulsen, OSU Vet Med)

Title: Risk Assessment of Raw Goat Milk for Retail Sale in the Pacific Northwest  
Objective: to determine the prevalence of pathogens in goat milk in Oregon  
Sponsor: Oregon State University, College of Veterinary Medicine Biomedical Sciences Student Summer Research Program  
Dates: 9/1/2013 – 8/31/2014  
Budget: \$4,000  
Role: Co-I (PI: Keith Poulsen, OSU Vet Med)

Title: Climate Impacts Research Consortium (CIRC)  
Sponsor: National Oceanic and Atmospheric Administration  
Consortium objective: to provide information and tools for stakeholders to make decisions about landscape and watershed management in a changing climate  
Public Health Core objective: to increase capacity to address climate change among local health jurisdictions  
Dates: 9/1/2010 – 8/31/2015  
Overall Consortium Budget: \$3,844,000  
Consortium Lead PIs: Phil Mote and Denise Lach (OSU)  
Role: Co-PI  
Other Co-PIs: John Abatzoglou, Adell Amos, John Bolte, Barbara Bond, Susan Capalbo, David Hulse, Dennis Lettenmaier, Venkataramana Sridhar, David Turner, Peter Ruggiero, Cathy Whitlock

Title: Assessing the influence of subjective social status, wealth, and immigrant occupational mobility on subjective and objective health outcomes among Hispanic/Latinos: Results from the Hispanic Community Health Study/Study of Latinos  
Sponsor: Stanford Center on Poverty and Inequality, National Poverty Research Center  
Objective: to identify non-traditional measures of socioeconomic status which predict health outcomes among Hispanic/Latinos  
Project Dates: 1/2013 – 12/2013  
Budget: \$25,000  
Role: Co-PI

Title: Pilot Study to Assess Risk Factors for Heat-Related Illness among Oregon Farmworkers  
Sponsor: Pacific Northwest Agricultural Safety and Health Center, Small Grants Program  
Objective: to identify personal, medical, cultural, environmental, and work-related risk factors for heat-related illness among Latino farmworkers in Oregon  
Project Dates: 10/2012 – 9/29/13  
Budget: \$26,495  
Role: PI

Title: Disaster Preparedness among Latino Households in Marion County, Oregon  
Sponsor: General Research Fund, Oregon State University  
Objectives: to: 1) determine the level of disaster preparedness among Latino households in Marion County, Oregon; and 2) identify subgroups of Latinos who are ill-prepared for disasters (e.g. non-English speaking, elderly, chronically ill, etc.)  
Project Dates: 3/2012 – 8/2013  
Budget: \$9,900  
Role: PI

Title: Facilitators and Barriers to Healthy Living in Oregon: Perspectives from American Indian and Latino Adults  
Sponsor: General Research Fund, Oregon State University  
Objective: to identify facilitators and barriers to healthy living among American Indians and Latino adults  
Project Dates: 1/2012 – 6/2013

Budget: \$9,990  
Role: Co-I (PI: Carolyn Mendez-Luck, OSU CPHHS)

Title: Enhancing Prevention and Population Health Education  
Sponsor: Association of Prevention Teaching and Research (APTR)  
Objective: to integrate public health content into clinical health profession education  
Project Dates: 9/2009 – 9/2012  
Budget: \$273,594  
Role: Co-PI (PI Kristina Simeonsson, East Carolina University)

Title: Collaborative Integration of Public Health Content into Undergraduate Education  
Sponsor: Association of Prevention Teaching and Research (APTR),  
Objective: to collaboratively integrate public health content into undergraduate and community college education  
Project Dates: 6/2009 – 11/2010  
Budget: \$14,974  
Role: PI

Title: An Investigation of Enhanced Approaches to the Medically Fragile during a Coastal Emergency  
Sponsor: Renaissance Computing Institute (RENCI)  
Objective: to decrease the impact of emergencies among the medically fragile in coastal North Carolina.  
Project Dates: 7/2006 – 6/2010  
Budget: \$125,000  
Role: Co-I (PI: Lloyd Novick, East Carolina University)

## **D. SERVICE**

### **University Service**

#### Oregon State University

##### *School*

2024	Peer review of teaching (1)
2024	Social Committee
2023	Peer review of teaching (2)
2022	Peer review of teaching (2)
2021-22	Member, Faculty Search Committee, Epidemiology Program
2021	Peer review of teaching
2020	Peer review of teaching
2019	Peer review of teaching
2018	Peer review of teaching
2017	Peer review of teaching
2016	Peer review of teaching
2015	Peer review of teaching
2013	Member, Environmental and Occupational Health and Safety, Faculty Search Committee

##### *College*

2024 – present	CEPH Organization, Administration, and Evaluation Committee
2023 – 2024	College Curriculum Committee
2023	Peer Teaching Review Summary Writer (P&T)
2020 – 2021	Member, Public Health Holistic Admissions Review Committee

2018 Chair, Director of Accreditation and Assessment Search Committee  
 2016 – 2017 Chair, Curriculum Committee  
 2015 – 2016 Member, Dean Search Committee  
 2015 Member, CPHHS Vision 2025 Planning Committee  
 2014 – 2015 Member, Provost’s Hiring Initiative for Student Success Search Committee  
 2014 – 2015 Member, MPH Curriculum Integration Taskforce, Case Study Subcommittee  
 2012 – 2017 Member, Equity, Inclusion & Diversity Committee

*University*

2023 – present Co-Chair, Research Council, Faculty Senate  
 2022 – present Member, Faculty Steering Committee, Center for Quantitative Life Sciences (CQLS)  
 2020 – 2021 Member, OSU COVID-19 Advisory Taskforce  
 2021 Member, OSU-UO Joint COVID-19 Advisory Taskforce  
 2020 – 2021 Member, Going Back to Campus Taskforce  
 2017 – 2019 Member, OSU Faculty Senate  
 2013 Member, Oregon Master of Public Health (OMPH) Student Award Selection Committee  
 2012 – 2013 Member, Student Health Advisory Board

East Carolina University

2011 Member, Admissions Committee, Master of Public Health Program, Department of Public Health, Brody School of Medicine  
 2011 Member, Search Committee, Chief of Epidemiology, School of Dental Medicine  
 2011 Member, Search Committee, Epidemiology Faculty, Master of Public Health Program, Department of Public Health, Brody School of Medicine  
 2010-11 Member, Education and Training Core Advisory Committee, Center for Health Disparities Research  
 2010 Member, Search Committee, Assistant/Associate Professor in Health Education and Promotion, College of Health and Human Performance, Department of Health Education and Promotion  
 2008-11 Chair, Accreditation Committee, Master of Public Health Program, Department of Public Health, Brody School of Medicine  
 2008-11 Chair, MPH Program Evaluation Committee, Master of Public Health Program, Department of Public Health, Brody School of Medicine  
 2008-11 Member, Professional Paper Oversight Committee, Master of Public Health Program, Department of Public Health, Brody School of Medicine  
 2008-11 Member, Doctoral Program Development Committee, Master of Public Health Program, Department of Public Health, Brody School of Medicine  
 2008-11 Member, Curriculum Committee, Master of Public Health Program, Department of Public Health, Brody School of Medicine  
 2008-11 Member, Vice Chairs for Diversity Initiative, Brody School of Medicine  
 2008-11 Member, Student Opinion of Instruction Survey II Committee

**Service to the Profession**

*Society Membership*

Council of State and Territorial Epidemiologists (CSTE)  
 American Public Health Association (APHA)  
 Oregon Public Health Association (OPHA)

*Society Offices Held*

2016 – present	Member, Climate and Health Committee, Council of State and Territorial Epidemiologists (CSTE)
2011 – 2016	Member, Epidemiology Section, Epidemiology Education Subcommittee, American Public Health Association
2009 – present	Member, Disaster Epidemiology Committee, Council of State and Territorial Epidemiologists (CSTE)
2009 – 2011	Member, Undergraduate Public Health Learning Outcomes Workgroup, Association of Schools of Public Health (ASPH)
2009 – 2011	Member, Public Health Preparedness and Response Core Competencies Workgroup, Association of Schools of Public Health (ASPH)
2006 – 2012	Member, Border Health Committee, Council of State and Territorial Epidemiologists (CSTE)

*Other Service to the Profession*

2024	Trainer, Foodborne Disease Outbreak Investigation Session, Oregon Registered Environmental Health Specialist Study Group (REHS)
2023	External Reviewer, University of Wisconsin-Milwaukee PhD in Epidemiology Program
2023	Trainer, Foodborne Disease Outbreak Investigation Session, Oregon Registered Environmental Health Specialist Study Group (REHS)
2022	Reviewer, Review Panel, National Institutes of Health (NIH), FOA ES22-003, Research Coordinating Center to Support Climate Change and Health Community of Practice (U24)
2022	Session Moderator, Oregon Public Health Association (OPHA) Annual Conference, October 2022
2022	Reviewer, Review Panel, Centers for Disease Control and Prevention (CDC), Notice of Funding Opportunity (NOFO) DP22-003 Health Promotion and Disease Prevention Research Centers: 2022 Special Interest Project Competitive Supplements (SIPS): SIP22-005 Building Resilience Against Climate Effects (BRACE): Enhancing Practical Guidance to Support Climate and Health Adaptation Planning
2022	Speaker, OSU Student Health Services Continuing Education Presentation. What we have learned from TRACE: (Team-based Rapid Assessment of community-level Coronavirus Epidemics): A community-engaged approach to estimate prevalence of SARS-CoV-2 infection. January 18, 2022.
2021	Judge, student poster presentations, Oregon Public Health Association Annual Conference, October, 2021
2021	External Reviewer, Promotion and Tenure, Department of Public Health, University of Tennessee-Knoxville
2020 – 2022	Member, COVID-19 Sequelae Clinical & Epidemiology Advisory Committee
2017	Reviewer, Review Panel, National Institute of Environmental Health Sciences (NIEHS), RFA-ES-16-009: Centers for Oceans and Human Health3: Impacts of Climate Change on Oceans and Great Lakes (COHH3)
2015 – present	Member, Oregon Health Authority - Climate and Health Resilience Advisory Board
2015	Reviewer, State of Knowledge: Climate Change in Puget Sound (Human Health chapter) (Climate Impacts Group [CIG])
2014	Abstract reviewer, Student Submissions, 2014 Council of State and Territorial Epidemiologists (CSTE) Annual Meeting
2014 – 2015	Member, Benton County Climate Adaptation Plan Taskforce
2013 – present	Editorial Board Member, Journal of Public Health Management and Practice
2013	Abstract reviewer, Student Submissions, 2013 Council of State and Territorial Epidemiologists (CSTE) Annual Meeting



- 2013 Moderator, Infectious Disease/Surveillance Student Session, 2013 Council of State and Territorial Epidemiologists (CSTE) Annual Meeting
- 2012 – 2016 Member, Oregon Migrant and Seasonal Farmworker Research Advisory Council
- 2012 Judge, student poster presentations, Oregon Public Health Association annual conference, October, 2012
- 2012 Member, National Oceanic and Atmospheric Administration (NOAA), Centers for Disease Control and Prevention (CDC), and National Institutes of Health (NIH) Health Effects of Climate Change Taskforce
- 2013 Abstract reviewer, Chronic/MCH/Oral Health section, 2013 Council of State and Territorial Epidemiologists (CSTE) Annual Meeting
- 2013 Reviewer, Climate Change Impacts and Adaptation in Washington State (Climate Impacts Group [CIG])
- 2011 Judge, student poster presentations, Oregon Public Health Association annual conference, October, 2011

*Journal Reviewer*

- American Journal of Preventive Medicine
- American Journal of Public Health
- BioMed Central – Public Health
- Ethnicity and Disease
- Health Education Research
- International Journal of Environmental Research and Public Health
- Journal of Agromedicine
- Journal of Epidemiology and Community Health
- Journal of Forestry
- Journal of Multidisciplinary Healthcare
- Journal of Primary Care and Community Health
- Journal of Public Health Management and Practice
- Population Research & Policy Review
- Vaccine

**Service to the Public (professionally related)**

- 2024 Guest speaker, Climate Change and Health discussion, Spencer Butte Middle School, Eugene, OR
- 2022 – present Board Chair, Community Health Centers of Benton and Linn Counties
- 2018 Coach/Tutor, Cheldelin Middle School Science Olympiad Team – Disease Detectives Module
- 2014 Coach/Tutor, Franklin School Science Olympiad Team – Disease Detectives Module
- 2013 – present Board Member, Community Health Centers of Benton and Linn Counties
- 2020 Director Search Committee Member, Community Health Centers of Benton and Linn Counties
- 2012 Coach, K-12 Science Olympiad, Pioneer School, Lebanon, Oregon

**E. AWARDS**

OSU Beaver Champion Award, TRACE-COVID-19 Team, University Day Awards, 2020

Engagement and Outreach Scholars Academy (EOSA), East Carolina University, May, 2010.

National Center for Preparedness, Detection, and Control of Infectious Diseases Honor Award Certificate, May, 2008.

Floyd and Mary Schwall Fellowship in Medical Research, 2003-2005

UC Davis & Humanities Graduate Research Award, 2003-2004.

Western Center for Agricultural Health & Safety Graduate Student Funding Award, January 2003.