

# CURRICULUM VITA

## Laurel D. Kincl

College of Public Health and Human Sciences  
Oregon State University  
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### EDUCATION

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#### **University of Cincinnati, Dept. of Environmental Health, College of Medicine Cincinnati, OH**

2002 Ph.D. Occupational Safety and Ergonomics  
1998 M.S. Industrial Hygiene

#### **Texas A&M University, Dept. of Industrial Engineering, College of Engineering College Station, TX**

1993 B.S. Bioengineering

### EMPLOYMENT

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- 7/22- **Associate Dean of Academic and Faculty Affairs**  
College of Public Health and Human Sciences  
Oregon State University, Corvallis, OR
- 9/17- **Associate Professor, Environmental and Occupational Health**  
College of Public Health and Human Sciences  
Oregon State University, Corvallis, OR
- 9/11-9/17 **Assistant Professor, Environmental and Occupational Health**  
College of Public Health and Human Sciences  
Oregon State University, Corvallis, OR
- 8/09-9/11 **Research Fellow**  
Center for Research in Environmental Epidemiology (CREAL), Barcelona, Spain
- 6/03-6/09 **Research Associate**  
Labor Education and Research Center  
University of Oregon, Eugene, OR
- 6/98-5/03 **Research Associate, Biomechanics & Ergonomics Research Laboratories**  
Department of Environmental Health  
University of Cincinnati, Cincinnati, OH
- 5/91-8/91 & **Co-operative Education Student**  
Biomedical Engineering & Instrumentation Program
- 1/92-8/92 National Center for Research Resources  
National Institutes of Health, Bethesda, MD

### Other Relevant Positions

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- 12/17-12/18 **Courtesy Associate Professor**  
Labor Education and Research Center  
University of Oregon, Eugene, OR
- 8/12-4/16 **Director, Community Outreach and Engagement Core**  
Environmental Health Sciences Center (EHSC)

Oregon State University, Corvallis, OR

11/12–11/15 **Adjunct Research Professor**  
Center for Research in Environmental Epidemiology (CREAL), Barcelona, Spain

6/07-6/09 **Courtesy Faculty Appointment**  
Department of Human Physiology  
University of Oregon, Eugene, OR

2/01 **Visiting Lecturer, Center for Environmental and Industrial Hygiene Studies**  
Sardar Patel University, Vallabh Vidya Nagar, Gujarat, India

7/93-8/95 **Secondary Math/Science Education Volunteer**  
United States Peace Corps, The Gambia, West Africa

### **Certifications**

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OSHA Authorized General Industry Trainer, certification #35-0079188  
Certified Safety Professional, certification #CSP-34418

### **Professional Memberships**

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American Conference of Governmental Industrial Hygienists (ACGIH)  
American Society of Safety Professionals (ASSP)  
Pacific Northwest Section, American Industrial Hygiene Association (PNS AIHA)

### **Courses Taught**

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Environmental and Occupational Health Professional Leadership (3 credits Undergrad/Grad)  
Applied Occupational Safety (3 credits Grad)  
Physical Agents and Human Health (3 credits Grad)  
Occupational Health (3 credits via eCampus Undergrad)  
Environmental and Occupational Health Research to Practice (3 credits Grad)  
Public Health Doctoral Seminar: Research and Practice (1 credit Grad)  
Applied Ergonomics (3 credits Undergrad/Grad)  
Environmental and Occupational Sampling (3 credits Grad)  
Safety and Health Standards and Laws (3 credits Undergrad)

### **Refereed Journal Articles**

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\* Denotes College of Public Health and Human Sciences graduate student at time of publication

\*\* Denotes graduate student at another institution or college at OSU

1. Evoy R, **Kincl L**, Rohlman D, Bramer L, Dixon H, Hystad P, Bae H, Barton M, Phillips A, Miller R, Waters K, Herbstman J, Anderson K. Impact of acute temperature and air pollution exposures on adult lung function: a panel study in asthmatics. *PLOS One*. *In press*
2. Sorenson J, **Kincl L**, Weil R, Dzugen J, Christel D. Fisheries Governance and associated health implications: current perspectives from US commercial fishermen. *Marine Policy*. *In press*
3. Kim J, Vaughan A, **Kincl L**. Characterization of musculoskeletal injury risk in Dungeness crab fishing, 2022. *Journal of Agromedicine*. DOI: [10.1080/1059924X.2022.2068715](https://doi.org/10.1080/1059924X.2022.2068715)

4. Yang L\*, Branscum A, **Kincl L**. Understanding occupational safety and health surveillance: Expert consensus on components, attributes and example measures for an evaluation framework. *BMC Public Health*, 2022. 22(1). Doi: 10.1186/s12889-022-12895-6.
5. Dixon H, Bramer L, Scott R, Calero L, Holmes D, Gibson E, Cavalier H, Rohlman D, Miller R, Calafat A, **Kincl L**, Waters K, Herbstman J, Anderson K. Evaluating predictive relationships between wristbands and urine for assessment of personal PAH exposure. *Environment International*, 2022. Vol 163, p.107226. DOI: 10.1016/j.envint.2022.107226
6. Ngajilo D\*\*, Adams S, **Kincl L**, Gurnsey J, Jeebhay M. Occupational health and safety in Tanzanian aquaculture – emerging issues. *J of Agromedicine*, 2022. Pp 1-13 DOI: 10.1080/1059924X.2022.2058139
7. Doza S\*, Bovbjerg V, Vaughan A, Nahorniak J, Case S, **Kincl L**. Health-Related Exposures and Conditions among US Fishermen, *J of Agromedicine*, 2021. pp 1-8. DOI: 10.1080/1059924X.2021.1944416
8. Nahorniak J, Bovbjerg V, Case S, **Kincl L**. Application of data linkage techniques to Pacific Northwest commercial fishing injury and fatality data. *Inj. Epidemiol*, 2021. 8, 26. doi: 10.1186/s40621-021-00323-z
9. Lincoln JM, Carruth A, Cherry D, **Kincl L**, Syron LN. Occupational Health Research in the Commercial Fishing Industry. *J Agromedicine*. 2021 Jan; 26(1):28-30. doi: 10.1080/1059924X.2021.1849494. PubMed PMID: 33487133.
10. Yang L\*, Branscum A, Bovbjerg V, Cude C, Weston C, **Kincl L**. Assessing disabling and non-disabling injuries and illnesses using accepted workers compensation claims data to prioritize industries of high risk for Oregon young workers, *J of Safety Research*, 2021. doi: 10.1016/j.jsr.2021.03.007.
11. **Kincl L**, Hess J, Weeks D, Vaughan A, Anton D. Efficacy of text messaging apprentices to reinforce ergonomics and safety voice training. *J of Safety Research*, April 2020. doi: 10.1016/j.jsr.2020.04.007.
12. Hess J, **Kincl L**, Weeks D, Vaughan A, Anton D. Safety Voice for Ergonomics (SAVE): Evaluation of a masonry apprenticeship training program, *Applied Ergonomics*, Volume 86, 2020, 103083, ISSN 0003-6870. doi: 10.1016/j.apergo.2020.103083.
13. Anton D, Bray M, Hess J, Weeks D, **Kincl L**, Vaughan A. Prevalence of work-related musculoskeletal pain in masonry apprentices. 2020. *Ergonomics*, doi: 10.1080/00140139.2020.1772380
14. Yang L\*, Weston C, Cude C, **Kincl L**. Evaluating Oregon's occupational public health surveillance system based on the CDC updated guidelines. *Am J Ind Med*. 2020: 1-13. doi: 10.1002/ajim.23139
15. Yang L\*, Branscum A., Smit E., Dreher D., Howard K. **Kincl L**. Work-related injuries and illnesses and their association with hour of work: Analysis of the Oregon construction industry in the U.S. using workers' compensation accepted disabling claims, 2007-2013, *Journal of Occupational Health*, 62(1), 2020.
16. Evoy R\*, **Kincl L**. Evaluation of Pesticides Found in Oregon Cannabis from 2016-2017. *Annals of Work Exposure and Health*. 2020 Aug 6;64(7):770-774. doi: 10.1093/annweh/wxz075.

17. Bovbjerg V, Vaughan A, Syron L\*, Jacobson K, Pillai S, **Kincl L**. Non-fatal injuries and injury treatment in the West Coast Dungeness Crab Fishery, *J of Agromedicine*, 2019 Jul 23:1-8. doi: 10.1080/1059924X.2019.1638860, PMID: 31335297.
18. Syron L\*, Bovbjerg V, Mendez-Luck C, **Kincl L**. Safety and health programs in Alaska's seafood processing industry: Interviews with safety and health managers, *Journal of Agromedicine*, 2019 Jul 11:1-13. doi: 10.1080/1059924X.2019.1639578, PMID: 31293222.
19. Miner T, **Kincl L**, Bovbjerg V, Vaughan A, Jacobson K. Emergency Medical Training for the Commercial Fishing Industry: An Expanded Role for Wilderness Medicine. *Wilderness & Environmental Medicine*. 2019 Jul 11. pii: S1080-6032(19)30103-6. doi: 10.1016/j.wem.2019.05.008, PMID: 31301994.
20. Rohlman D, Dixon H\*\*, **Kincl L**, Larkin A, Evoy R, Barton M, Phillips A, Peterson E, Scaffidi C, Herbstman JB, Waters KM, Anderson KA. Development of an environmental health tool linking chemical exposures, physical location and lung function. *BMC Public Health*. 2019 Jul 1;19(1):854. doi: 10.1186/s12889-019-7217-z. PMID: 31262274
21. Pillai S\*, Bovbjerg V, Vaughan A, Jacobson KR, Syron L, **Kincl L**. Dungeness crab fishermen perceptions of injury causation and factors staying safe. *Int Marit Health*. 70(1): 55-60, 2019.
22. Dixon H\*\*, Armstrong G, Barton M, Bergmann AJ, Bondy M, Halbleib M, Hamilton W, Haynes E, Herbstman J, Hoffman P, Jepson P, Kile M, **Kincl L**, Laurienti P, North P, Paulik L, Petrosino J, Points G 3rd, Poutasse C, Rohlman D, Scott R, Smith B, Tidwell L, Walker C, Waters K, Anderson K. Discovery of common chemical exposures across three continents using silicone wristbands. *R Soc Open Sci*. 6(2): 181836, 2019.
23. **Kincl L**, Nery M, Syron L\*, Bovbjerg V, Jacobson K. Dungeness crab commercial fishermen's perceptions of injuries inform survey development. *American Journal of Industrial Medicine*. 62(3): 265-271, 2019
24. Syron L\*, Lucas D, Bovbjerg V, **Kincl L**. Injury and illness among onshore workers in Alaska's seafood processing industry: Analysis of workers' compensation claims, 2014-2015. *American Journal of Industrial Medicine*. 62 (3): 253-264, 2019.
25. Garland J, Belart F, Crawford R, Chung W, Cushing T, Fitzgerald S, Green P, **Kincl L**, Leshchinsky B, Morrissette B, Sessions J, Wimer J. Safety in steep slope logging operations. *J Agromedicine*. 2019 Apr; 24(2): 138-145. doi: 10.1080/1059924X.2019.1581115. Epub 2019 Mar 12. PMID: 30860962.
26. Syron L\*, Lucas DL, Bovbjerg VE, Case S, **Kincl L**. Occupational traumatic injuries among offshore seafood processors in Alaska, 2010–2015. *Journal of Safety Research*. 66: 169-178, 2018.
27. Vila J\*\*, Parent ME, Richardson L, Schlehofer B, van Tongeren M, Hours M, Turner M, Siemiatycki J, Gracia-Lavedan E, Sadetzki S, Krewski D, McLean D, Bowman J, Cardis E, Figuerola J, **Kincl L**, Schuz J, Benke G, Schlaefel K. Occupational exposure to high-frequency electromagnetic fields and brain tumour risk in the INTEROCC study: An individualized assessment approach. *Environment International*. 119:353-365, 2018.
28. Paulik L\*\*, Hobbie K, Rohlman D, Smith B, Scott R, **Kincl L**, Haynes E, Anderson K, 2018. Environmental and individual PAH exposures near rural natural gas extraction. *Environmental Pollution*. 241: 397-405, 2018.

29. Dixon H\*\*, Scott R, Holmes D, Calero L, **Kincl L**, Waters K, Camann D, Calafat A, Herbstman J, Anderson K. Silicone wristbands compared with traditional polycyclic aromatic hydrocarbon exposure assessment methods. *Analytical and bioanalytical chemistry*. 410(13): 3059-3071, 2018.
30. Sarazin P\*\*, Burstyn I, **Kincl L**, Friesen M, Lavoué J. Characterization of the Selective Recording of Workplace Exposure Measurements into OSHA's IMIS Databank. *Annals of Work Exposures and Health*. 62 (3): 269-280, 2018.
31. Oraby T, Sivaganesan S, Bowman J, **Kincl L**, Richardson L, McBride M, Siemiatycki J, Cardis E, Krewski D. Berkson error adjustment and other exposure surrogates in occupational case-control studies, with application to the Canadian INTEROCC study. *Journal of Exposure Science and Environmental Epidemiology*. 28(3): 251-258. 2018.
32. Benke G, Turner M, Fleming S, Figuerola J, **Kincl L**, Richardson L, Blettner M, Hours M, Krewski D, McLean D, Parent ME, Sadetzki S, Schlaefel K, Schlehofer B, Siemiatycki J, van Tongeren M, Cardis E. Occupational solvent exposure and risk of glioma in the INTEROCC study. *Br. J Cancer*. 117(8):1246-1254, 2017.
33. McElvenny D, van Tongeren M, Turner M, Benke G, Figuerola J, Fleming S, Hours M, **Kincl L**, Krewski D, McLean D, Parent ME, Richardson L, Sadetzki S, Schlaefel K, Schlehofer B, Schuz J, Siemiatycki J, Cardis E. The INTEROCC case-control study: risk of meningioma and occupational exposure to selected combustion products, dusts and other chemical agents. *Occup Environ Med*. 75:12-22, 2017.
34. Turner M, Benke G, Bowman J, Figuerola J, Fleming S, Hours M, **Kincl L**, Krewski D, McLean D, Parent ME, Richardson L, Sadetzki S, Schlaefel K, Schlehofer B, Schuz J, Siemiatycki J, van Tongeren M, Cardis E. Interactions between occupational exposure to extremely low frequency magnetic fields and chemicals for brain tumour risk in the INTEROCC study. *Occup Environ Med*. 74:802-809, 2017.
35. Syron L\*, **Kincl L**, Yang L, Cain D, Smit E. Analysis of workers' compensation disabling claims in Oregon's seafood preparation and packaging industry, 2007-2013. *American Journal of Industrial Medicine*. 60(5): 484-493. 2017.
36. Nery-Hurwit M\*, **Kincl L**, Driver S, Heller B. Stakeholder evaluation of an online program to promote physical activity and workplace safety for individuals with disability. *Evaluation and program planning*. 63: 39-44. 2017.
37. Vila J\*\*, Bowman JD, Figuerola, J, Morina D, **Kincl L**, Richardson L, Cardis E, INTEROCC Study Group. Development of a Source-Exposure Matrix for Occupational Exposure Assessment of Electromagnetic Fields in the INTEROCC Study. *J Expos Sci Env Epi*. 27(4):398-408. 2017.
38. Sadetzki S, Chetrit A, Turner M, van Tongeren M, Benke G, Figuerola J, Fleming S, Hours M, **Kincl L**, Krewski D, McLean D, Parent ME, Richardson L, Schlehofer B, Schlaefel K, Blettner M, Schuz J, Siemiatycki J, Cardis E. Occupational exposure to metals and risk for meningioma - a multinational case-control study, *J of Neuro-Oncology*. 130: 505. 2016.
39. Paulik LB\*, Donald CE\*, Smith BW, Tidwell LG\*, Hobbie KA, **Kincl L**, Haynes EN, Anderson KA. "PAH Emissions from Natural Gas Extraction into Air". *Environmental Science & Technology*. 50(14): 7921-7929, 2016. doi: 10.1021/acs.est.6b02762

40. **Kincl L**, Anton D, Hess J, Weeks D. Safety voice for ergonomics (SAVE) project: protocol for a workplace cluster-randomized controlled trial to reduce musculoskeletal disorders in masonry apprentices. *BMC Public Health*. 16 (1), 2016. doi: 10.1186/s12889-016-2989-x
41. Syron L\*, Lucas D, Bovbjerg V, Bethel J, **Kincl L**. Utility of a Work Process Classification System for characterizing non-fatal injuries in the Alaskan commercial fishing industry. *International Journal of Circumpolar Health*. (75), 2016.
42. Sarazin P\*, Burstyn I, **Kincl L**, Lavoué J. Trends in OSHA Compliance Monitoring Data 1979-2011: Statistical Modeling of Ancillary Information across 77 Chemicals. *Ann Occup Hyg*. mevo92, 2016. PMID: 26732821
43. Case S\*\*, Bovbjerg V, Lucas D, Syron L\*, **Kincl L**. Reported traumatic injuries among West Coast Dungeness crab fishermen, 2002-2014. *Int Marit Health*. 66(4):207-10. 2015. PubMed PMID: 26726891; PubMed Central PMCID: PMC4704689
44. Vila J\*\*, Bowman JD, Richardson L, **Kincl L**, Conover DL, McLean D, Mann S, Vecchia P, van Tongeren M, Cardis E; INTEROCC Study Group. A Source-based Measurement Database for Occupational Exposure Assessment of Electromagnetic Fields in the INTEROCC Study: A Literature Review Approach. *Ann Occup Hyg*. mevo76, 2015. PubMed PMID: 26493616. doi: 10.1093/annhyg/mevo76
45. Rohlman D, Syron L\*, Hobbie K, Anderson KA., Scaffidi C, Sudakin D, Peterson ES, Waters KM, Haynes E, Arkin L, Feezel P, and **Kincl L**. "A Community-Based Approach to Developing a Mobile Device for Measuring Ambient Air Exposure, Location, and Respiratory Health." *Environmental Justice*. 8(4): 126-134, 2015.
46. Lu M-L, **Kincl L**, Lowe B, Succop P, Bhattacharya A. "Muscular activity of lower limb muscles associated with working on inclined surfaces." *Ergonomics*. 58(2), 278-290, 2015. PubMed PMID: 25331562; PubMed Central PMCID: PMC4557765.
47. McNeely E, Gale S, Tager I, **Kincl L**, Bradley J, Coull B, Hecker S. "The self-reported health of US flight attendants compared to the general population." *Environmental Health*, 13(1), 13, 2014. PubMed PMID: 24612632; PubMed Central PMCID: PMC4007523
48. Lucas D\*, **Kincl L**, Bovbjerg V, Branscum A, Lincoln J. "Primary prevention of fishing vessel disasters: evaluation of a United States Coast Guard policy intervention." *Mar Policy*. 50, 67-73, 2014.
49. Turner M, Benke G, Bowman J, Figuerola J, Fleming S, Hours M, **Kincl L**, Krewski D, McLean D, Parent M-E, Richardson L, Sadetzki S, Schlaefer K, Schelhofer B, Schüz J, Siemiatycki J, van Tongeren M, Cardis E. "Occupational exposure to extremely low frequency magnetic fields and brain tumour risks in the INTEROCC study". *Cancer Epidemiology, Biomarkers & Prevention*. 23(9):1863-72, 2014. PubMed PMID: 24935666; PubMed Central PMCID: PMC4154968.
50. O'Connell S\*, **Kincl L**, Anderson K. Silicone wristbands as personal passive samplers. *Environ Sci Technol*. 48(6):3327-35, 2014. PMCID: PMC3962070
51. Lucas D\*, **Kincl L**, Bovbjerg V, Lincoln J, Branscum A. "Work-Related Traumatic Injuries Onboard Freezer-Trawlers and Freezer-Longliners Operating in Alaskan Waters during 2001-2012". *American Journal of Industrial Medicine*. 57 (7): 826-836, 2014. doi: 10.1002/ajim.22310.
52. McLean D, Fleming S, Turner M, **Kincl L**, Richardson L, Benke G, Schelhofer B, Schlaefer K, Lavoue J, Parent ME, Hours M, Pintos J, Krewski D, van Tongeren M, Sadetzki S, Siemiatycki J,

- Cardis E. "Occupational solvent exposure and risk of meningioma: Results from the INTEROCC multi-centre case-control study" *Occupational and Environmental Medicine*. 71(4):253-8, 2014. PMID: 24474387
53. Lucas D\*, **Kincl L**, Bovbjerg V, Lincoln J. Application of a translational research model to assess the progress of occupational safety research in the international commercial fishing industry. *Safety Science*, 64: 71-81, 2014.
54. LaCourt A, Cardis E, Pinto J, Richardson L, **Kincl L**, Benke G, Fleming S, Hours M, Krewski D, McLean D, Parent ME, Sadetzki S, Schlaefel K, Schlehofer B, Lavoue J, van Tongeren M, Siemiatycki J. "INTEROCC case-control study: lack of association between glioma tumors and occupational exposure to selected combustion products, dusts and other chemical agents". *BMC Public Health*. 13(1): 340, 2013. PMID: PMC3637633.
55. van Tongeren M, **Kincl L**, Richardson L, Benke G, Figuerola J, Kauppinen T, Lakhani R, Lavoué J, McLean D, Plato N, Cardis E for the INTEROCC Study Group. "Assessing occupational exposures to chemicals in an international epidemiological study of brain tumours". *Annals of Occupational Hygiene*. 57(5):610-26, 2013. PMID: 23467593 PMID:PMC3888250.
56. Lucas D\*, Lincoln J, Carozza S, Bovbjerg V, **Kincl L**, Teske T, Somervell P, Anderson P. "Predictors of Personal Flotation Device (PFD) use Among Workers in the Commercial Fishing Industry". *Safety Science*. 53:177-185, 2013.
57. Hess J, Mizener R, **Kincl L**, Anton D. "Alternatives to lifting concrete masonry block over rebar: A biomechanical, economic, and perceptual evaluation", *Ergonomics*. 55(10): 1229-42, 2012.
58. Lavoué J, Pintos J, van Tongeren M, **Kincl L**, Richardson L, Kauppinen T, Cardis E, Siemiatycki J, "Comparison of exposure estimates in the Finnish job exposure matrix FINJEM with expert-based assessments performed in Montreal", *Occupation and Environmental Medicine*.69(7): 465-71, 2012. PMID: 22467796
59. Ettinger L\*\*, McClure P, **Kincl L**, Karduna A, "Exposure to a workday environment results in an increase in anterior tilting of the scapula in dental hygienists with greater employment experience", *Clinical Biomechanics*, 27(4): 341-5, 2012. PMID: 22077998
60. Walker J, Christensen K, Green M, Karam L, **Kincl L**. "Occupational injuries to Oregon workers 24 years and younger: an analysis of Oregon Workers' Compensation claims, 2000-2007", *American Journal of Industrial Medicine*. 53: 984-994, 2010. PMID:20626036
61. Hess J, **Kincl L**, Amasay T\*\*, Wolfe P\*\*. "Ergonomic evaluation of masons laying concrete masonry units and autoclaved aerated concrete", *Applied Ergonomics*, 41: 477-483, 2010.
62. Hess J, **Kincl L**, Davis K. "The impact of drywall handling tools on the low back", *Applied Ergonomics*. 41 (2): 305-312, 2009.
63. Amasay T\*\*, Zodrow K, **Kincl L**, Hess J, Karduna A. "Validation of tri-axial accelerometer for the calculation of elevation angles", *International Journal of Industrial Ergonomics*. 39 (5): 783-789, 2009.
64. Bhattacharya A, Succop P, **Kincl L**, Gordon J, Sobeih T. "Postural stability associated with restricted ceiling height mining tasks", *Occupational Ergonomics*. 8 (2/3): 91-114, 2009.
65. Hess J, **Kincl L**, Albers J, High R. "Ergonomic evaluation of an extended handled screw gun to improve work postures", *Occupational Ergonomics*. 8 (1): 27-40, 2008.

66. Hess J, **Kincl L**, Mandeville D\*\*. “Comparison of three single person manual patient transfer techniques for bed to wheelchair transfers”, *Home Health Care Nurse*. 25 (9): 572-579, 2007.
67. Weinstein M, Hecker S, Hess J, **Kincl L**. “There is nothing so practical as a good theory: A roadmap to diffuse ergonomic innovations in the construction industry”, *International Journal of Occupational and Environmental Health*. 13:46-55, 2007. PMID:17427348’
68. **Kincl L**, Dietrich K, Bhattacharya A. “Injury trends for adolescents with early childhood lead exposure”, *Journal of Adolescent Health*. 39(4): 604-6, Oct 2006.
69. **Kincl L**, Murawski J, Hecker S. “Occupational health research consortium in aviation research project”, *The Journal of Occupational Health and Safety Australia and New Zealand*. 21 (5): 469-474, 2005.
70. **Kincl L**, Bhattacharya A, Bagchee A, Succop P. “The effect of workload, work experience and inclined standing surface on visual spatial perception: fall potential/prevention implications”, *Occupational Ergonomics*. 3 (4): 251-259, 2002/2003.
71. Bhattacharya A, Succop P, **Kincl L**, Lu M, Bagchee A. “Postural stability during task performance on elevated and/or inclined surfaces”, *Occupational Ergonomics*. 3 (2): 83-97, 2002/2003.
72. **Kincl L**, Bhattacharya A, Succop P, Clark C. “Postural sway measurements: A potential safety monitoring technique for workers wearing personal protective equipment”, *Applied Occupational and Environmental Hygiene*. 17(4): 256-266, 2002.
73. Mefford I, **Kincl L**, Dykstra K, Simpson J, Markey S, Dietz S and Wightman R. “Facile oxidative decarboxylation of 3, 4-dihydroxy-phenylacetic acid catalyzed by copper and manganese ions”, *Biochimica et Biophysica Acta*, 1290: 224-230, 1996.

## **Book Chapters**

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- Bhattacharya A, Talbot N and **Kincl L**. “Occupational ergonomics: principles and applications”, Chapter in *Patty’s Toxicology, 5<sup>th</sup> Edition*. Eds. E. Bingham, B. Cohrssen, C. Powell. John Wiley & Sons, Inc. 2001. (6<sup>th</sup> Edition published in 2012 with updated chapter).
- Hecker SF, Schneider S, Hess JA, **Kincl L**. “Ergonomics in construction”, In *Occupational Ergonomics Handbook*, 2nd edition, Marras WS, Karwowski W eds., CRC Press, Boca Raton, FL., 2006.

## **Research to Practice Products**

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The following resources are collaborative efforts with my research teams, students and center affiliations from current and recently completed projects:

- Blog (2019). RISC Information for Commercial Fishing, PNASH
- Blog (2017). Safety and Surveillance for Pacific Northwest Fisheries, PNASH
- Factsheets. RISC Fishing Findings (n=4): Carpal Tunnel; Falls Overboard; Low Back Pain; Slips, Trips and Falls
- Factsheets. Hazard Sheets (n=6): Cleaning Buoys for the Crab Pot Line, Housekeeping on Vessel, Ladder and Stair Safety, Slips and Spills, Open Hatches and Fish Holds, Blank form for fishermen to use.
- Infographics (n=2): Linking Data for Risk Information, Understanding Risk for Better Training.



Media Kit. Fishing Fridays collaboration with RISC Fishing share research and build fishing presence

Podcast. Fishing Forward. Coastal Routes Radio. <https://coastalroutes.org/fishingforwardpod>

Trade Article (2018). Danger Below Deck: Study Investigates At-sea Processing Accidents. National Fisherman.

Trade Article (2018). Who Do You Want By Your Side at Sea? Fisherman's News.

Trade Article (2018). Wilderness Medicine for the Commercial Fishing Industry. Fishermen's News.

Resource Sheets: Crew agreement information, New to commercial fishing, Guide to building a first aid kit.

Social Media Campaign Kit to establish "Fishing Fridays" for PNASH collaboration to disseminate RISC Fishing project and related commercial fishing safety research findings and resources.

Videos: First Aid at Sea, First aid kits for fishermen, Protocol for calling the US Coast Guard, Scene Assessment, Micro-lessons (scene assessment, splinting, clearing the spine, C-spine, burn treatments, wound treatments).

Website for FLIPP - Fishermen-led Injury Prevention Program Resources:  
<https://health.oregonstate.edu/labs/osh/resources/flipp>

Website for RISC – Risk Information System for Commercial Fishing Resources:  
<https://health.oregonstate.edu/labs/osh/resources/risc>

Website for SAVE – Safety Voice for Ergonomics Resources:  
<https://www.cpwr.com/research/training-and-awareness-programs-from-research/safety-voice-for-ergonomics-save/>

## **Presentations/Posters**

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1. **Kincl L**, Case S, Vaughan A, Doza S\*, Bovbjerg J. Slips, trips and falls in the Pacific Northwest Commercial Fishing Industry. National Occupational Injury Research Symposium (NOIRS). Virtual. May 10-12, 2022.
2. Bovbjerg J, Case S, Nahorniak J, Vaughan A, Doza S, **Kincl L**. Challenges in regional surveillance for commercial fishing injuries: the utility of state trauma registry data. National Occupational Injury Research Symposium (NOIRS). Virtual. May 10-12, 2022.
3. Elliott KC, Ramos K, Scott E, Sorenson J, **Kincl L**, McCue. Efforts to document and address the risk of fatigue in the Agriculture, Forestry and Fishing Sector. Emerging Issue Session at the National Occupational Injury Research Symposium (NOIRS). Virtual. May 10-12, 2022.
4. Spector J, **Kincl L**, Bernard T. The heat is on: understanding heat safety practices. Board of Certified Safety Professionals Global Learning Summit. Virtual. May 10-12, 2022.
5. Scarpaci T\*, Vaughan A, Doerr A, Gladics A, Bovbjerg V, **Kincl L**. Production of first aid videos to reinforce skill retention of commercial fishermen as part of the Fishermen First Aid and Safety Training. State of the Coast Student Presenter. Virtual. October 28-29, 2021.
6. **Kincl L**, Case S, Vaughan A, Bovbjerg V. From commercial fishermen to recreational boaters: fatalities and lifejacket use inform the need to promote use. Scientific Committee on Epidemiology in Occupational Health (EPICOH) annual meeting. Virtual. 25-28 October 2021.
7. Vaughan A, Doerr A, Gladics A, Bovbjerg V, **Kincl L**. Adapting First Aid Trainings to Meet the Needs of Commercial Fishermen During the COVID 19 Pandemic. American Public Health Association Annual Meeting. Virtual. October 23-27, 2021.
8. **Kincl L**, Bovbjerg V, Vaughan A. Health-Related Results from the Fishermen Led Injury Prevention Program. Western Agricultural Safety and Health Conference. Seattle, Washington. Aug 7-9, 2019.

9. **Kincl L**, Strenke H\*, Dunlap K\*, Vaughan A, Jacobson K. Perceptions of Safety and What Makes a Good Crew in the Dungeness Crab Fleet. Western Agricultural Safety and Health Conference. Seattle, Washington. Aug 7-9, 2019.
10. Nahorniak J, Bovbjerg V, Pillai S\*, Case S, **Kincl L**. A Statistical Approach to Merge Varied Datasets for Comprehensive Injury Surveillance in Commercial Fishing. Western Agricultural Safety and Health Conference. Seattle, Washington. Aug 7-9, 2019.
11. Yang, L\*, **Kincl L**. Understanding Occupational Safety and Health (OSH) surveillance: Expert consensus on components, attributes and example measures for an evaluation framework. 2019 CSTE (Council of State and Territorial Epidemiologists) Occupational Health Surveillance Subcommittee Meeting, Miami, FL, Dec. 2019
12. Yang L\*, Weston C, **Kincl L**, Cude C. Evaluating the Occupational Health Indicator surveillance system in Oregon based on CDC Updated Guidelines. 2019 CSTE (Council of State and Territorial Epidemiologists) Annual Conference, Raleigh, NC, Jun. 2019
13. **Kincl L**, Bovbjerg V, Vaughan A, Case S, Lucas D. Traumatic Injuries in the Dungeness Crab Fleet: Engaging Fishermen to Prevent Injuries While Handling Crab Pots. National Occupational Injury Research Symposium (NOIRS), Morgantown, West Virginia. October 16-18, 2018.
14. Pillai S\*, Bovbjerg V, Vaughan A, Jacobson, K, Syron L, Lucas D, **Kincl L**. National Occupational Injury Research Symposium (NOIRS), Morgantown, West Virginia. October 16-18, 2018.
15. Bovbjerg V, Vaughan A, Jacobson K, Lucas D, Syron L, **Kincl L**. Crew Position and Injuries in the Dungeness Crab Fleet. National Occupational Injury Research Symposium (NOIRS), Morgantown, West Virginia. October 16-18, 2018.
16. Syron L\*, Lucas D, Bovbjerg V, Case S, **Kincl L**. Identifying Hazards at the Intersection of Manufacturing and Fishing: Traumatic Injuries Among Offshore Seafood Processors in Alaska, 2010-2015. National Occupational Injury Research Symposium (NOIRS). Morgantown, West Virginia. October 16-18, 2018.
17. Syron L\*, Lucas D, Bovbjerg V, **Kincl L**. Injury and Illness in Alaska's Onshore Seafood Processing Industry: An Analysis of Workers' Compensation Claims, 2014-2015. National Occupational Injury Research Symposium (NOIRS). Morgantown, West Virginia. October 16-18, 2018.
18. Yang L\*, Branscum A, Smit E, Dreher D, Howard K, **Kincl L**. Association Between Hour of Work and Injury Occurrence and Severity in the Oregon Construction Industry: Analysis of Workers' Compensation Disabling Claims, 2007-2013. National Occupational Injury Research Symposium (NOIRS), Morgantown, West Virginia. October 16-18, 2018.
19. Case S, Scott E, **Kincl L**, Bovbjerg V, Syron L, Sweet D. Commercial Fishing and Processing Health and Safety Surveillance Informing Intervention Development. International Fishing Industry Safety & Health Conference. St. John's, Newfoundland, Canada. June 10-13, 2018. (Panel Session).
20. **Kincl L**, Bovbjerg V, Jacobson K, Vaughan A, Lucas D, Myers M. Gear Modification to Prevent Injuries of Dungeness Crab Fishermen. International Fishing Industry Safety & Health Conference. St. John's, Newfoundland, Canada. June 10-13, 2018.
21. **Kincl L**, Hess J. Ergonomics and safety voice training to reduce injuries in bricklayers. Governor's Occupational Safety and Health Conference, Portland, OR. March 2017.
22. Booth GC, Bovbjerg VE, Syron LN, Vaughan AM, Dunlop KM, Miller KI, Jacobson KR, Lucas DL, **Kincl LD**. Non-fatal injuries in the west coast Dungeness crab fleet. Part of a panel: Worker health and safety in key Oregon industries: Construction, forestry and commercial fishing. Oregon Public Health Association Conference, 10-11 October 2016, Corvallis, OR.

23. **Kincl L**, Anton D, Hess J, Weeks D. Safety Voice for Ergonomics: An intervention for masonry workers. Part of a panel: Worker health and safety in key Oregon industries: Construction, forestry and commercial fishing. Oregon Public Health Association Conference, 10-11 October 2016, Corvallis, OR.
24. Seixas N, **Kincl L**, Stephenson D, Grant A, Lincoln J. NW Regional OHS Panel: Research Advances in the Northwest. Northwest Occupational Health Conference. October, 2016. Portland, OR.
25. **Kincl L**, Syron L\*, Bovbjerg V, Case, S, Lucas, D. United States West Coast Commercial Fishing Injury, Fatality and Vessel Disaster Surveillance Informing Safety Measures. Epidemiology in Occupational Health (EPICOH) Conference, 4-7 September 2016, Barcelona, Spain.
26. Dunlop K\*, **Kincl L**, Syron L\*, Vaughan A, Jacobson K, Lucas V, Bovbjerg V. "Injury Risk Perception of Commercial Dungeness Crab Fishermen". OSU Celebrating Undergraduate Excellence. Corvallis, OR. May 2016.
27. Miller K, Jacobson K, Bovbjerg V, Dunlop K\*, Lucas D, Syron L, Vaughan A, **Kincl L**. "FLIPP: Fishermen Led Injury Prevention Program". OSU Outreach and Engagement Colloquium. April 2016.
28. **Kincl L**, Bovbjerg V, Jacobson K, Miller K, Lucas D, Case S, Syron L\*. "Utilizing Coast Guard Reports and Fishermen to Understand Injuries in the Dungeness Crab Fleet" Semiahmoo Symposium on Environmental, Occupational and Public Health. Blaine, WA. January 2016.
29. **Kincl L**, Bovbjerg V, Case S, Jacobson K, Lucas D, Syron L\*. "Utilizing Coast Guard Reports and Fishermen to Understand Non-fatal Injuries in the Dungeness Crab Fleet" Oregon Public Health Association Conference. Corvallis, OR. October 2015.
30. Syron L\*, Bovbjerg V, Case S, Lucas D, **Kincl L**. "Non-Fatal Commercial Fishing Injuries along the West Coast, 2002-2014". Northwest Occupational Health Conference. Bremerton, WA. October 2015.
31. Cain D, **Kincl L**, Dreher D. "Occupational Injury Patterns in Oregon Workers 24 Years and Younger, 2003-2012". Oregon Public Health Association Conference. Corvallis, OR. October 2015.
32. Syron L\*, **Kincl L**, Cain D, Dreher D, Smit E. "Utilizing Oregon Workers' Compensation Claims to Understand Injuries among Seafood Processing and Production Workers" Oregon Public Health Association Conference. Corvallis, OR. October 2015.
33. Rohlman D, Anderson K, Hobbie K, Willmarth J, Barton M, **Kincl L**. "The Nexus of Citizen Science: Aligning Community and Research Needs". Oregon Public Health Association Conference. Corvallis, OR. October 2015.
34. Scaffidi C, **Kincl L**, Rohlman D, Anderson A. Linking the physical with the perceptual: Health and exposure monitoring with cyber-physical questionnaires. Digital System Design (IEEE): 563-566, 2015. DOI 10.1109/DSD.2015.13
35. Anderson KA, **Kincl L**, Rohlman D, Hobbie K, Willmarth J, Barton M. "Environmental Preparedness and Resilience Empowering People: Personal Wristband Sampling Nexus". 25th Annual Meeting of the International Society for Exposure Science. Henderson, Nevada. October 2015.
36. Anderson KA, Dixon H, Rohlman D, Hobbie K, Scaffidi C, Waters K, Herbstman J, **Kincl L**. "Mobile Device for Measuring Ambient Chemical Exposure, Location and Respiratory Health Robustness and Comparisons with Conventional Technologies". 25th Annual Meeting of the International Society for Exposure Science. Henderson, Nevada. October 2015.

37. Syron L\*, **Kincl L**, Lucas D, Bovbjerg V, National Occupational Injury Research Symposium, "Non-fatal Occupational Injuries in the Alaskan Commercial Fishing Industry during 2006 - 2010," NIOSH, Morgantown, WV. May 2015
38. Rohlman D, **Kincl L**, Kile M, Frey G, Anderson K, Harding A, Haynes E, McClelland M, MadDonald M, Lipscomb S. "Reporting community-based participatory research results to communities: best practices and lessons learned. Northwest Environmental Health Conference. Portland, OR. April, 2015.
39. Rohlman D, Haynes E, Anderson KA, **Kincl L**, Elam S, Paulik LB\*, Society for Applied Anthropology, "Engaging Rural Citizens to Answer Questions about Air Quality," Pittsburgh. March 24, 2015.
40. Syron L\*, Bovbjerg V, Lucas D, **Kincl L**. "Non-fatal injuries in the Alaskan Commercial Fishing Industry during 2006-2010" Semiahmoo Symposium on Environmental, Occupational and Public Health. Blaine, WA. January 2015.
41. Nery M\*, **Kincl L**, Durbin M\*, Ketelhut N, Driver S, American Public Health Association Conference, "An Integrated Health Promotion Pilot Program for Individuals with Disabilities: Be Active, Work Safe," New Orleans, LA. November 2014.
42. Nery M\*, **Kincl L**, Driver S, North American Federation of Adapted Physical Activity Conference, "Development of an integrated online health promotion program for individuals with disabilities," Ann Arbor, MI. October 2014.
43. Rohlman D, Anderson KA, **Kincl L**, Arkin L, Oregon Public Health Association, "A Community-Based Approach to Environmental Health: Developing Novel Technologies to Evaluate Air Quality and Respiratory Health," Oregon Public Health Association Conference. Corvallis, OR. October 13, 2014.
44. Vila J\*, Bowman J, **Kincl L**, Conover D, van Tongeren M, Figuerola J, Richardson L, Cardis E. Development of a source-based approach to assessing occupational exposure to electromagnetic fields in the INTEROCC study. EPICOH Chicago, USA. June 2014. Abstract in Occup Environ Med 2014; 71:A35-A36 doi:10.1136/oemed-2014-102362.110
45. Rohlman D, **Kincl L**, Anderson K. "Exposure Assessment Monitoring Tools Panel: Passive Wristband Samplers". Environmental Health Science Centers Meeting. Los Angeles, CA. April 2014.
46. Coker E, Arkin L, Guzman A, **Kincl L**, Kile M, Molitor J. "Using Public School Enrollment Records for Examining Asthma in School Children in Eugene, Oregon". Environmental Health Disparities & Environmental Justice Meeting. Research Triangle Park, North Carolina. July 2013.
47. **Kincl L**, Cain D, McDaniel A, Beck J. Persistent and Emerging Industrial Hygiene Issues. Governor's Occupational Safety and Health Conference, Portland, OR. March 2013.
48. Grim D\*, Nery-Hurwit M\*, Driver S, **Kincl L**. Be Active, Work Safe: A novel online health promotion program for people with a disability. Oregon Public Health Association. Corvallis, OR. October 2013.
49. **Kincl L**, Bowman J, Shulman S, Kelsh M, Mild K, van Tongeren M, Yost M, Cardis E for the INTEROCC Study Group. Expert Judgments of Occupational Exposures to ELF Magnetic Fields. X2012 7<sup>th</sup> International Conference on the Science of Exposure Assessment. Edinburgh. July 2012.
50. **Kincl L**, Bowman J, Conover D, Guo Y, Figuerola J, McClean D, Richardson L, van Tongeren M, Cardis E and the INTEROCC study group. Occupational Exposure to Electromagnetic Fields in the INTEROCC Study. 22<sup>nd</sup> International Conference on Epidemiology in Occupational Health (EPICOH), Oxford, June 2011. Abstract in Occup Environ Med 2011; 68 (Suppl 1): A61-2.

51. van Tongeren M, **Kincl L**, Lavoué J, Richardson L and the INTEROCC study group. Exposure assessment for chemical agents in the INTEROCC study: refinement of the Finnish Job Exposure Matrix (FINJEM) 22<sup>nd</sup> International Conference on Epidemiology in Occupational Health (EPICOH), Oxford, June 2011. Abstract in *Occup Environ Med* 2011; 68 (Suppl 1): A61.
52. **Kincl L**. Preventing Injuries to Young Workers. Governor's Occupational Safety and Health Conference, Portland, OR. March 2009.
53. Hecker S, **Kincl L**. An Investigation of Cabin Air Quality and Flight Attendant Health. Northwest Occupational Health Conference. Seattle, WA. October 2008.
54. **Kincl L**, Helen M. Health Promotion and Unions. Panel participant, Workplace Wellness: How to Address Both Occupational and Lifestyle Issues on the Job. Labor Occupational Health Program. Oakland, CA. July 2008.
55. Bush D, **Kincl L**, Young Worker Health and Safety – Reducing Workplace Injuries and Illnesses. Corporate Partners Program Presentation. Oregon State University. May 2008.
56. **Kincl L**, Rothlein, J. Our Young Workers: Let's make them safer and healthier. OR-OSHA Staff Symposium. Salem, OR. December 2007.
57. Amasay T\*, Zodrow K, **Kincl L**, Karduna A. Validation of Tri-Axial Accelerometer for the Calculation of Elevation Angles (poster). American Society of Biomechanics Annual Conference. Palo Alto, CA. August 2007.
58. Bhattacharya A, Succop P, Modawal A, Sobeih T, Gordon J, **Kincl L**. Impact of mismatch between actual and perceived risks on slip/fall while negotiating a ramp. Proceedings of the International Conference on Slips, Trips and Falls – from Research to Practice. Hopkinton, MA. August 2007.
59. Hess J, **Kincl L**. Evaluation of Manual Patient Transfer Techniques by a Single Care Provider to Establish Best Practices. International Ergonomics Association 16th World Congress on Ergonomics. Maastricht, The Netherlands. July 2006.
60. Hess J, **Kincl L**. Evaluation of a Tool Extension to Reduce Low Back Injury in Carpenters. International Ergonomics Association 16th World Congress on Ergonomics. Maastricht, The Netherlands. July 2006.
61. **Kincl L**, Hess J. Needs Assessment for Long Term Care Facilities and Emergency Medical Service Providers Handling Patients, Including Heavy Patients. 2<sup>nd</sup> National Health Care Ergonomics Conference. Portland, OR. June 2006.
62. **Kincl L**, Hess J. Safe Patient Handling for Emergency Services. Safe Patient Handling & Movement Conference. Tampa, Florida, February 28th-March 3rd, 2006.
63. Bhattacharya A, Gordon J, Succop P, Sobeih T, **Kincl L**. Effect of workplace risk factors on gait task performance by low-seam miners. American Industrial Hygiene Conference & Exposition, Anaheim, CA, May 21st-26th, 2005.
64. **Kincl L**, Murawski J, Hecker S. OHRCA Research Project. Contaminated Air Protection: Air Safety and Cabin Air Quality. London, UK. April 20-21st, 2005.
65. **Kincl L**, Hess J, Moss H. Ergonomic Solutions for Emergency Medical Technicians (EMTs) and Community-based Healthcare Workers. Healthcare Ergonomics Conference. Portland, OR. July 2004.
66. Gordon J, **Kincl L**, Bhattacharya A, Succop P. Postural stability analysis of lead hazard control personnel performing work on ladders on contaminated polyethylene surfaces. American Industrial Hygiene Conference & Exposition – Dallas, TX, May 14, 2003. Awarded the 2003 Tichauer Award – (Best Platform Presentation Paper).

67. **Kincl L**, Bhattacharya A, Succop P. The effect of challenging somatosensory inputs on the relationship of eye movement and postural sway patterns of experienced and inexperienced workers. Human Factors and Ergonomics Society Meeting, Baltimore, MD. Sept 2002.
68. Gordon J, **Kincl L**, Bhattacharya A. Ergonomic Walkthrough Evaluation of Lead Risk Assessment and Abatement Tasks. American Industrial Hygiene Conference and Exposition, San Diego, CA, June 2002.
69. **Kincl L**, Ning Y, Bagchee A, Mitchell T, Bhattacharya A, Succop P. The Effect of Workload and Experience in Industrial Workers While Working on Inclined Surfaces on Visual Spatial Perception. International Society for Occupational Ergonomics & Safety. Fairfax, VA. June 2001.
70. Lu M, **Kincl L**, Bhattacharya A. Assessment of Slipperiness of Work Surfaces on Subjective Slip/Fall Measures at an Automobile Parts Manufacturing Facility. American Industrial Hygiene Conference & Exposition. New Orleans, LA. June 2-7, 2001.
71. Gordon J, Menrath W, Auyang E, **Kincl L**, Bhattacharya A. Identification of Ergonomic Hazards Associated with Lead Hazard Reduction Work Using Focus Groups. American Industrial Hygiene Conference & Exposition. New Orleans, LA. June 2-7, 2001.
72. **Kincl L**, Lu M, Wong A, Auyang E, Bhattacharya A. Walkthrough Ergonomic Checklist for Evaluating Slip/Fall Potential in Lead Abatement Tasks. XIVth Triennial Congress of the International Ergonomics Association and the 44<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society. San Diego, CA. July 29-August 1, 2000.
73. Auyang E, **Kincl L**, Lu M, Bhattacharya A. Determination of postural stability and required coefficient of friction of shoe-ground surface in a low-seam mine scaling task. American Industrial Hygiene Conference & Exposition. Toronto, Canada. June 7-11, 1999.
74. **Kincl L**, Bhattacharya A, Succop P, Clark C. The Use of Postural Sway Measurements as a Safety Monitoring Technique for Workers Wearing Personal Protective Equipment. American Industrial Hygiene Conference & Exposition. Atlanta, GA. May 1998.
75. **Kincl L**, Lu M, Medvedovic M, Wong A, Bagchee A, Bhattacharya A. The Effect of Direct Glare on Postural Balance. American Industrial Hygiene Conference & Exposition. Atlanta, GA. May 1998.
76. Bliss T, **Kincl L**, Auyang E, Baker J, Dye L, Everitt P, Mangharam J, Paternak E, Rice C. Residual Pesticides in Housing and Bedding at Migrant Labor Camps in Northwestern Ohio. American Industrial Hygiene Conference & Exposition. Atlanta, GA. May 1998.

## **Grant Funding**

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### *Current*

- 2021-2024: Improving Dungeness crab vessel equipment: an ergonomics intervention to reduce risk for musculoskeletal injuries and falls overboard. (Co-PI with Kim) NIOSH U01. \$895k
- 2018-2022: Improving vessel equipment: evaluating fishermen-led safety design ideas in the Dungeness crab fleet (Co-PI with Kim) NIOSH U01. \$532k
- 2018-2022: Building Capacity for Fishermen First Aid and Safety Training. (Co-PI with Bovbjerg and Gladics) NIOSH T03. \$477k
- 2018-2022: An Assessment of Sleep Patterns and Potential Impacts to the Health of Fisheries Workers. (Subaward PI) NIOSH U01. \$650k (\$34k to OSU)
- 2016-2022: Safety Surveillance for Pacific Northwest Commercial Fishing. (Co-PI with Bovbjerg). NIOSH Pacific Northwest Agricultural Safety and Health Center. \$830k.

## Completed

- 2014-2021: Personal Environmental Exposure Assessment Using Wristbands for Epidemiological Studies in Disadvantaged Communities. (Co-PI with Anderson). NIEHS. R21/R33. \$2.5 million.
- 2017-2021: Safe and Sustainable Development of the Ocean Frontier (International Collaborator) Ocean Frontier Institute, Unfunded.
- 2018: First Aid and Safety Training (FAST) Video Development for Commercial Fishermen. Professional Training Opportunity Program (Student Funding- Hayley Strenke). \$10k.
- 2018-2019: Working Lives, Health and Wellbeing of Tanzanian Fish and Seaweed Farmers - Building an Authentic Research Partnership and Implementation Strategy to Advance Better Working Conditions, Food Security, Gender and Health Equity in the Face of Globalized Aquaculture. (Co-I) Planning Grant Canadian Institutes of Health Research (CIHR), \$20k. (no funds to OSU)
- 2015-2019: Protecting the Logging Workforce: Development of Innovative Logging Techniques for a Safer Working Environment. (Co-I). NIOSH. U01 \$825k.
- 2014-2019: Safety Voice for Ergonomics (The SAVE Project). (OSU PI with Anton at Eastern Washington University). CPWR/NIOSH. \$917k (300k to OSU)
- 2014-2018: Injury Prevention in the West Coast Dungeness Crab Fleet. (PI). NIOSH. U01 \$825k
- 2014-2016: Non-fatal injuries among commercial fishing workers in Alaska, Washington, and Oregon. (PI). NIOSH Pacific Northwest Agricultural Safety and Health Center. Small grant \$25k
- 2012-2014: Be Active, Work Safe: a Novel Program for People with a Disability (Co-PI with Simon Driver). Oregon Healthy Workforce Center. NIOSH. \$100k.
- 2013-2014: Effects of Unconventional Gas Drilling (UGD) on Air Quality in Rural Appalachian Ohio. (Co-PI with Anderson and Haynes). EHSC Supplement. NIEHS. (EHSC PI-Beckman). \$100k.
- 2013-2014: Mobile Exposure Device: Tool and Method Development (Co-PI with Anderson, Peterson, and Scaffidi). EHSC Pilot. NIEHS. (EHSC PI-Beckman). \$25k.
- 2008-2009: Integration of *Youth @ Work: Talking Safety* Curriculum into High Schools in Oregon. (PI). NIOSH. \$25k.
- 2008-2009: Occupational Safety and Health Training for Teachers/Trainers of Young Workers. (PI). OR-OSHA Training and Education Grant. \$40k.
- 2007-2011: A Biomechanical Study of Work-Related Shoulder Disorders. (Co-Inv) NIOSH. \$700k.
- 2006-2009: Ergonomic Controls for the Masonry Industry. (Co-PI) CPWR. \$96k.
- 2005-2009: Cabin Air Quality Incident Monitoring and Reporting. (Co-PI) FAA. \$1.3M.
- 2005-2006: Determining Manual Patient Transfer Best Practices to Improve Training of Community-Based Health Care Providers. (Co-PI) Collins Medical Trust. \$25k.
- 2004-2005: Firefighter and EMS Ergonomics Training. (Co-PI) OR-OSHA Training and Education Grant. \$39k.
- 2004-2005: Ergonomic Intervention in Construction, Tool Extension. (Co-PI) NIOSH contract. \$15k.

- 2000: Injury Trends for Adolescents with Childhood Lead Exposure. (PI) ERC Pilot Research Training Grant. \$7k
- 2000: Assessment of Risk Factors Associated with Work on Slippery Surfaces at an Automobile Parts Manufacturing Facility. (Co-PI) ERC Pilot Research Training Grant. \$6k.

### **Professional Service**

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- Vice-chair, Physical Agents Committee. ACGIH Threshold Limit Values. (2018-present)
- External Advisory Board Member, Oregon Healthy Workforce Center. (2021-present)
- Associate Editor for the Journal of Agromedicine. (2021-present)
- Member, Rulemaking Advisory Council. Oregon OSHA Excessive Heat and Wildfire Smoke Rulemaking. (March 2021-March 2022)
- Regional Representative. Association of University Programs in Occupational Safety and Health. (2020, 2021 and 2022)
- NIH Scientific Reviewer, Hubs for Interdisciplinary Research and Training in Global Environmental and Occupational Health (GEO Health) U01/U2R pairs. (Dec 2021)
- NIH Scientific Reviewer. CDC/NIOSH Education and Resource Centers. (Feb 2020 & 2021)
- NIOSH External Reviewer, Alice Hamilton Awards for Occupational Safety and Health, Science and Service Awards (recognizes internal scientists). (2014, 2015, and 2022)
- Advisory Board Member, Western Region Universities Consortium, Worker Training Program. Lead: UCLA Labor Occupational Safety and Health Program. (2020-present)
- Internal Advisory Council Member. University of Washington Pacific Northwest Agricultural Safety and Health Center. (2019-present)
- Council Member, National Occupational Research Agenda (NORA) Agriculture, Forestry and Fishing Sector. (2017- present)
- Advisory Board Member, Oregon Worker Injury and Illness Prevention Program now the Occupational Public Health Program – Oregon Health Authority. (2007-2009, 2013- present)
- Ad hoc Peer Reviewer for Journals: *Applied Ergonomics*, *Annals of Occupational Hygiene*, *American Journal of Industrial Medicine*, *Injury Prevention*, *Journal of Safety Research*, *New Solutions*, *Marine Policy* (2011- present, ranges from 6-10 reviews per year)

### **Awards**

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- 2018 Vice Provost Award for Excellence, Oregon State University Outreach and Engagement. Fishermen-Led Injury Prevention Program.
- 2000 Outstanding Performance for Department of Environmental Health Staff, University of Cincinnati, Cincinnati, OH.
- 1998 American Industrial Hygiene Foundation Fellowship, University of Cincinnati.
- 1995-1997 Hazardous Waste Academic Training Program, CDC/NIOSH Education and Research Grant to the University of Cincinnati.