

Kristina M. Zierold, PhD, MS

Curriculum Vitae

School of Public Health and Information Sciences
Department of Epidemiology and Population Health
University of Louisville
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EDUCATION AND TRAINING

2001 - 2003 Post-doctoral	Epidemic Intelligence Service (EIS) Officer Centers for Disease Control and Prevention, Atlanta, Georgia The Epidemic Intelligence Service is an elite team of doctoral level scientists who work on the frontlines of public health. Applying epidemiological and public health methods, EIS officers investigate disease outbreaks and clusters and respond to natural disasters, emergencies, and public health problems throughout the world. It is a two-year program. (Stationed: Wisconsin Department of Health Services, Mentor: Henry A. Anderson, MD)
1996 - 2001 Ph.D.	Public Health –Environmental/Occupational Health Sciences and Epidemiology University of Illinois at Chicago, School of Public Health, Chicago, Illinois
1994 - 1996 M.S.	Chemical Engineering (Environmental focus) Vanderbilt University, School of Engineering, Nashville, Tennessee
1990 - 1994 B.S.	Chemical Engineering (Environmental focus) Worcester Polytechnic Institute, Worcester, Massachusetts

PROFESSIONAL EXPERIENCE

July 2014 -	Awarded Tenure , Department of Epidemiology and Population Health, University of Louisville School of Public Health and Information Sciences, Louisville, KY.
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- July 2013 – **Associate Professor**, Department of Epidemiology and Population Health, University of Louisville School of Public Health and Information Sciences, Louisville, KY.
- 2007 - 2013 **Assistant Professor**, Department of Epidemiology and Population Health, University of Louisville School of Public Health and Information Sciences, Louisville, KY.
- 2005 - 2007 **Research Assistant Professor**, Department of Family Medicine, Wake Forest University School of Medicine, Winston-Salem, NC.
- 2003 - 2005 **Assistant Professor**, Department of Environmental Health Sciences, University of South Carolina, Arnold School of Public Health, Columbia, SC.
- 2001 - 2003 **Epidemic Intelligence Service Officer**, Centers for Disease Control and Prevention, Atlanta, GA.
- 1997 - 2001 **Graduate Teaching Assistant**, Division of Environmental/Occupational Health Sciences and Epidemiology and Biostatistics, University of Illinois at Chicago, School of Public Health, Chicago, IL.
- 1996 - 2001 **Graduate Research Assistant**, Division of Environmental/Occupational Health Sciences and Division of Epidemiology and Biostatistics, University of Illinois at Chicago, School of Public Health, Chicago, IL.
- 1998 - 1999 **Course Instructor**, Lead Worker/Contractor Certification Programs
Great Lakes Center for Occupational and Environmental Health and Safety,
University of Illinois at Chicago, Chicago, IL.
- 1997, 1998 **Course Instructor**, Introduction to Particle Sampling Methods
Air Pollution Training Institute, University of Illinois at Chicago, Chicago, IL.
- 1995 **Research Assistant**, Nashville/Middle Tennessee Study Monitoring Particulate Matter,
Air Pollution Gases and Health. Harvard University School of Public Health, Nashville,
TN.
- 1994 - 1996 **Graduate Teaching Assistant**, Department of Chemical Engineering
Vanderbilt University, Nashville, TN.

RESEARCH ACTIVITIES

FUNDED RESEARCH ACTIVITIES, GRANTS, AND CONTRACTS

- 2015- Principal Investigator, Coal Ash and Neurobehavioral Symptoms in Children Aged 6-14 Years Old (R01 ES24757). Funded by the National Institutes of Health, **National Institute for Environmental Health Sciences**, \$2.82 million.
- 2012-2013 Principal Investigator, Children and coal ash: A potentially sickening combination. A cross-sectional study of residents living in proximity to the coal ash landfill and slurry pond on Cane Run Road – Louisville, KY. Funded by the **University of Louisville**, \$5,000.
- 2009-2012 Principal Investigator, Evaluation of safety training, supervision, and injury among working teenagers (R21 OH008934). Funded by the Centers for Disease Control and Prevention, **National Institute for Occupational Safety and Health**, \$396,496.
- 2008-2011 Principal Investigator, Safety and injury among teens enrolled in school-to-work apprentice programs (R03 OH008957). Funded by the Centers for Disease Control and Prevention, **National Institute for Occupational Safety and Health**, \$148,000.
- 2004-2005 Principal Investigator, Investigation of common characteristics among individuals with neurodegenerative diseases in Lancaster County, SC. Funded by the **J. Marion Sims Foundation**, \$76,619.

PUBLICATIONS

Peer-Reviewed Published Manuscripts

*Graduate student co-authors

Author underlined is corresponding author

1. Kotey S*, Carrico R, Weimken TL, Furmanek S, Bosson R, Nyantakyis F, Vantleiden S, Mattingly W, **Zierold KM**. Elevated blood lead levels by length of time from resettlement to health screening in Kentucky refugee children. *American Journal of Public Health*. In press.
2. **Zierold KM**. Youth doing dangerous tasks: Supervision matters. *American Journal of Industrial Medicine* 2017; 60(9): 753-840.

3. Sears CG*, **Zierold KM**. Health of children living near coal ash. *Global Pediatric Health* 2017; 4: pp 1-8 doi: 10.1177/2333794X17720330
4. **Zierold KM**, Sears CG*, Brock GN. Exposure reducing behaviors among residents living near a coal ash storage site. *Health Education and Behavior* 2016; 43: 559-567.
5. **Zierold KM**. Safety training for working youth: Methods used versus methods wanted. *Work*, 2016; 54(1):149-157.
6. **Zierold KM**. Perceptions of supervision among injured and non-injured teens working in the retail or service industry. *Workplace Health and Safety* 2016; 64(4): 152-162.
7. **Zierold KM** and McGeeney TJ.* Communication breakdown: How working teens' perceptions of their supervisors impact safety and injury. *Work* 2016; 54(1): 3-9.
8. **Zierold KM** and Sears CG.* Community views about the health and exposure of children living near a coal ash storage site. *Journal of Community Health* 2015; 40(2):357-63.
9. **Zierold KM**. Safety training among working teens: Training methods used, lessons taught, and time spent. *New Solutions* 2015; 25(1):25-41.
10. **Zierold KM**, Sears CG.* Are healthcare providers asking about environmental exposures?: A community-based mixed methods study. *Journal of Environmental and Public Health*, 2015: pp 1-7 doi: 10.1155/2015/189526
11. Welsh EC*, Appana S, Anderson HA, **Zierold KM**. The association between school-to-work programs and school performance. *Journal of Adolescent Health* 2014; 54(2):221-7.
12. **Zierold KM**, Welsh EC*, McGeeney TJ.* Attitudes of teenagers towards workplace safety training. *Journal of Community Health* 2012; 37(6):1289-95.
13. **Zierold KM**, Appana S, Anderson HA. Working for mom and dad: Are teens more likely to get injured working in family-owned businesses? *Journal of Community Health* 2012; 37(1): 186-194.
14. **Zierold KM**, Appana S, Anderson HA. School-sponsored work programs: A first look at differences in work and injury outcomes of teens enrolled in school to work programs compared to other working teens. *Occupational and Environmental Medicine* 2011; 68(11): 818-825.
15. **Zierold KM**, Appana S, Anderson HA. Students enrolled in school-sponsored work programs: The effect of multiple jobs on workplace safety and school-based behaviors. *Wisconsin Medical Journal* 2011; 110(4): 171-177.
16. **Zierold KM**, Havlena J, Anderson HA. Lead exposure and length of time needed to make homes lead-safe for young children. *American Journal of Public Health* 2007; 97(2): 267-270.

17. **Zierold KM** and Anderson HA. Racial and ethnic disparities in work-related injuries among teenagers. *Journal of Adolescent Health* 2006; 39(3): 422-426.
18. **Zierold KM** and Anderson HA. Severe injury and the need for improved safety training among working students. *American Journal of Health Behavior* 2006; 30(5):525-532.
19. **Knobeloch, L, Zierold KM, Anderson HA.** The association of arsenic-contaminated drinking water with skin cancer prevalence in Wisconsin's Fox River Valley. *Journal of Health, Population and Nutrition* 2006; 24(2): 206-213.
20. **Zierold KM** and Anderson HA. The relationship between work permits, injury, and safety training among working teenagers. *American Journal of Industrial Medicine* 2006; 49(5): 360-366.
21. **Zierold KM**, Garman S, Anderson H. A comparison of school performance and behaviors among working and nonworking high school students. *Family and Community Health* 2005; 28(3): 214-224.
22. **Zierold KM**, Garman S, Anderson H. Summer work and injury among middle school students, aged 10-14 years old. *Occupational and Environmental Medicine* 2004; 61(6): 518-522.
23. **Zierold KM**, Knobeloch L, Anderson H. Prevalence of chronic diseases in adults exposed to arsenic contaminated drinking water. *American Journal of Public Health* 2004; 94(11): 1936-1937.
24. **Zierold KM** and Anderson H. Trends in blood lead levels among children enrolled in special supplemental nutrition program for women, infants, and children from 1996 to 2000. *American Journal of Public Health* 2004; 94(9): 1513-1515.
25. **Lipton RB, Zierold KM, Drum ML, Klein-Gitelman M, and Kohrman AF.** Re-hospitalization after diagnosis of diabetes varies by gender and socioeconomic status in urban African-American and Latino young people. *Pediatric Diabetes* 2002; 3(1): 16-22.

Other Publications:

Zierold KM, Roth JA. 2000. Henry's law constants of selected VOC's: Correlation of VLE derived values and comparison with estimated values. In *Conference Proceedings Odors and VOC Emissions 2000*. Cincinnati, Ohio 16-19 April. Session 1-d. Water Environment Federation, pp. 43-69.

PEER-REVIEWED SCIENTIFIC MEETING PRESENTATIONS, ABSTRACTS

*Graduate student co-authors

1. **November 2017 KM Zierold**, Carol Hanchette, Barbara Polivka, Lonnie Sears. Fly ash and problematic behaviors in a sample of children aged 6-14. Poster session at the American Public Health Association Annual Meeting, Atlanta, GA.

2. **June 2017** Sears L, Koloff L*, Hanchette C, Polivka B, **Zierold KM**. Effect of manganese body burden on fine motor skills in children aged 6-14 years. Oral session at the Developmental Neurotoxicology Society Annual Meeting, Denver, CO.
3. **June 2017** Hagemeyer AN*, Sears L, Polivka B, Brock G, Hanchette C, **Zierold KM**. Association between metal exposure and depression problems in children residing near coal ash storage facilities. Poster session at the Society for Epidemiologic Research Annual Meeting, Seattle, WA.
4. **June 2017** Hagemeyer AN*, Sears L, Polivka B, Brock G, Hanchette C, **Zierold KM**. Association between metal exposure and anxiety problems in children residing near coal ash storage facilities. Poster session at the Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Seattle, WA.
5. **June 2017** Odoh C*, Sears L, Hanchette C, Brock G, Polivka, B, **Zierold KM**. Fly ash exposure and social functioning in children. Poster session at the Society for Epidemiologic Research Annual Meeting, Seattle, WA.
6. **April 2017** **Zierold KM**, Polivka BJ, Hanchette CL, Brock GN, Sears LL. Fly ash exposure and social competence in children 6-14. Oral session at the Children's Environmental Health Network Conference, Arlington VA.
7. **April 2017** Sears CG*, Burns AN*, **Zierold KM**. Health of children living near coal ash. Oral session at the Children's Environmental Health Network Conference, Arlington VA.
8. **April 2017** Tompkins LK*, Sears LL, Hanchette CL, Polivka BJ, Brock GN, **Zierold KM**. Levels of metals in nails of children living near coal burning power plants. Poster session at the Children's Environmental Health Network Conference, Arlington VA.
9. **March 2017** Tompkins LK*, LL Sears, Lorenz DJ, Hanchette CL, Polivka BJ, Brock GN, **Zierold KM**. Fly ash presence in homes and children's memory and fine motor skills test performance. Poster session at the American Academy of Health Behavior Annual Meeting, Tucson, AZ.
10. **November 2016** Burns AN*, Sears CG*, **Zierold KM**. Self-reported respiratory illness in adults living in the surrounding area of a coal ash storage facility. Poster session at the American Public Health Association Annual Meeting, Denver, CO.
11. **June 2016** Sears CG*, Sears LL, Hanchette CL, Polivka BJ, **Zierold KM**. Identifying attention problems in children and adolescents with the Behavioral Assessment Research System (BARS). Poster session at the Developmental Neurotoxicology Society Annual Meeting, San Antonio, TX.

12. **June 2015** Sears CG,* Brock GN, and **Zierold KM**. Mental well-being of adults residing near coal ash storage facility. Poster session at the Society for Epidemiological Research Annual Meeting, Denver, CO.
13. **June 2015** Sears CG* and **Zierold KM**. Sleep disruptive behaviors reported in children residing near a coal ash storage facility. Poster session at the Society for Epidemiological Research Annual Meeting, Denver, CO.
14. **March 2014** **Zierold KM** and Sears CG.* Exposure reducing behaviors among residents living near a coal ash storage site. Poster session at the American Academy of Health Behavior Annual Meeting, Charleston, SC.
15. **March 2014** **Zierold KM** and Sears CG.* Are healthcare providers asking the right questions of people living near environmental hazards? Poster session at the American Academy of Health Behavior Annual Meeting, Charleston, SC.
16. **November 2013** Sears CG* and **Zierold KM**. A community-based approach to assessing emotional and behavioral disorders in children chronically exposed to coal ash. Poster session at the American Public Health Association Annual Meeting, Boston, MA.
17. **September 2013** Sears CG* and **Zierold KM**. Coal ash exposure and health in West Louisville, KY: a community-based mixed-methods study. Poster session at Research! Louisville.
18. **November 2011** Welsh EC*, McGeeney TJ*, **Zierold KM**. Healthy communication between parents and working teens and its influence on work-related injury. Oral session at the American Public Health Association Annual Meeting, Washington, DC.
19. **November 2011** Welsh EC*, McGeeney TJ*, **Zierold KM**. Knowledge of US child labor laws and influence on work-related injury among working teenagers. Poster session at the American Public Health Association Annual Meeting. Washington, DC.
20. **November 2011** Welsh EC*, McGeeney TJ*, **Zierold KM**. Evaluation of safety training for teenagers in regards to dangerous situation response for injury prevention. Poster session at the American Public Health Association Annual Meeting. Washington, DC.
21. **November 2011** Welsh EC*, McGeeney TJ*, **Zierold KM**. Use of dangerous equipment in the workplace and safety training: Effects on work-related injury in teenagers. Poster session at the American Public Health Association Annual Meeting, Washington, DC.
22. **November 2011** McGeeney TJ*, Welsh EC*, **Zierold KM**. Injury severity among working teenagers as related to safety training. Poster session at the American Public Health Association Annual Meeting, Washington, DC.

23. **November 2011** McGeeney TJ*, Welsh EC*, **Zierold KM**. Quality of supervision and injury among teenagers in the workplace. Poster session at the American Public Health Association Annual Meeting, Washington, DC.
24. **October 2011** **Zierold KM**, Welsh EC*, McGeeney TJ*. What makes safety training effective in preventing injury among young workers? Poster session at the 2011 National Occupational Injury Research Symposium, Morgantown, WV.
25. **October 2011** **Zierold KM**, McGeeney TJ*, Welsh EC*. The role of supervisors in preventing injury among working teens. Poster session at the 2011 National Occupational Injury Research Symposium, Morgantown, WV.
26. **September 2011** Welsh EC*, McGeeney TJ*, **Zierold KM**. Racial differences in supervision among teens injured at work. Poster session at the National Institute for Occupational Safety and Health: Eliminating Health and Safety Disparities at Work Conference, Chicago, IL.
27. **September 2011** McGeeney TJ*, Welsh EC*, **Zierold KM**. Gender disparities in risk-taking tendencies and workplace injury among teenagers. Poster session at the National Institute for Occupational Safety and Health: Eliminating Health and Safety Disparities at Work Conference, Chicago, IL.
28. **March 2011** **Zierold KM**, McGeeney TJ*. The role of safety training in preventing workplace injuries in teenagers. Poster session at the American Academy of Health Behavior Annual Meeting, Hilton Head, SC.
29. **November 2010** **Zierold KM**, Appana S, Anderson HA. Are teens who work in family-businesses more likely to engage in hazardous tasks and be injured compared with other working teens? Oral session at the American Public Health Association Annual Meeting, Denver, CO.
30. **November 2010** Appana S, Anderson HA, **Zierold KM**. Poor academic success for students in school-based work programs: How much work is too much. Poster session at the American Public Health Association Annual Meeting, Denver, CO.
31. **November 2010** **Zierold KM**, Appana S, Anderson HA. Injuries among high school teens enrolled in work-based learning programs and the effect of multiple jobs on injury occurrence. Poster session at the American Public Health Association Annual Meeting, Denver, CO.
32. **November 2010** McGeeney TJ* and **Zierold KM**. Supervision in the workplace: Shaping teenagers' perception of safety and reporting of injury. Poster session at Research! Louisville.
33. **November 2009** **Zierold KM**, Appana S, Anderson HA. Does the School-to-Work program protect teens from work-related injury? Roundtable session at the American Public Health Association Annual Meeting, Philadelphia, PA.

34. **November 2009 Zierold KM**, Appana S, Anderson HA. Impact of participation in the School-To-Work program on teen's academic performance and school-based behaviors. Poster session at the American Public Health Association Annual Meeting, Philadelphia, PA.
35. **September 2009 Zierold KM**, Anderson HA. Working for mom and dad: The price kids pay. *Annals of Epidemiology* 2009; 19(9):660.
36. **November 2008** Howard JM*, Watson LG, **Zierold KM**, Carreon, LY. Nuchal translucency and Down syndrome prenatal screening methods provided by OB-GYN physicians to expectant mothers in Kentucky. Poster session at the American Public Health Association Annual Meeting, San Diego, CA.
37. **November 2006 Zierold KM**, Anderson HA, Havlena J. Length of time needed to make homes lead-safe for children aged 0-6 years with elevated blood lead levels. Oral session at the American Public Health Association Annual Meeting, Boston, MA.
38. **November 2006 Zierold KM** and Anderson HA. Racial and ethnic disparities in work-related injuries among teenagers. Oral session at the American Public Health Association Annual Meeting, Boston, MA.
39. **November 2004 Zierold KM**, Garman S, Anderson H. Do work permits keep teen workers safe? Oral session at the American Public Health Association Annual Meeting, Washington, DC.
40. **November 2003 Zierold KM**, Garman S, Anderson H. Summer work and injury among middle school students, 2001. Oral session at the American Public Health Association Annual Meeting, San Francisco, CA.
41. **October 2003 Zierold KM**, Garman S, Anderson H. Summer work and injury among youth on family farms. Oral session at the National Occupational Injury Research Symposium, Pittsburgh, PA.
42. **April 2003 Zierold KM**, Garman S, Anderson H. Summer work and injury among middle school students aged 10-14 years old-Wisconsin, 2001. Oral session at the Annual Epidemic Intelligence Service Conference, Atlanta, GA.
43. **November 2002 Zierold KM**, Garman S, Anderson H. Factors associated with severe injury in working youth. Oral session at the American Public Health Association Annual Meeting, Philadelphia, PA.
44. **June 2002 Zierold KM**, Havlena J, Anderson H. The rate of decline of blood lead levels in lead poisoned population of children 0-6 years old. Poster session at the Society for Epidemiological Research Annual Meeting, Palm Desert, CA.

45. **June 2002 Zierold KM** and Garman S. Summer employment and occupational injuries for Wisconsin middle and high school students. Oral session at the Council of State and Territorial Epidemiologists Annual Meeting, Kansas City, MO.
46. **April 2002 Zierold KM**, Havlena J, Anderson H. Rate of blood lead level decline among a lead poisoned population of children < 6 years old, Wisconsin, 1995. Poster session at the Annual Epidemic Intelligence Service Conference, Atlanta, GA.
47. **June 2001 Wadden R, Zierold KM**, Franke J, Conroy L, Scheff P, Theilen B. Estimation of personal exposures from a flux-cored arc welding operation. Oral session at the American Industrial Hygiene Conference, New Orleans, LA.
48. **April 2000 Zierold KM**, Roth JA. Henry's law constants of selected VOCs: Correlation of VLE derived values and comparison with estimated values. In Proceedings of the Water Environment Federation Odors and VOC Emissions 2000 Specialty Conference, Cincinnati, OH: 16-18 April 2000.
49. **Nov. 1999 Patel A**, Keenan H, Lipton R, **Zierold KM**, Stolte K, Chambers E, Onyemere K. Risk for diabetes complications by SES in inner-city minority children. American Public Health Association Annual Meeting, Chicago, IL.
50. **June 1999 Zierold KM**, Lipton RB, Keenan H, Patel A. Do minority children and families feel the need for more diabetes education? Poster session at the American Diabetes Association Annual Meeting, Chicago, IL.
51. **Zierold KM**, Lipton RB, Keenan H, Patel A. Do minority children and families feel the need for more diabetes education? *Diabetes* 1999; 48(5): SA387.
52. **June 1999 Lipton RB**, Keenan H, **Zierold K**. Stable 10-year incidence of insulin-treated diabetes in minority children despite changing diagnostic practices. American Diabetes Association Annual Meeting, Chicago, IL.
53. **June 1999 Patel A**, Lipton R, Keenan H, **Zierold K**, Chambers E, Stolte K. Is pubertal onset associated with complications in minority children with diabetes? *American Journal of Epidemiology* 1999; 149(11 suppl).
54. **June 1999 Keenan H**, Lipton R, **Zierold KM**, et al. What proportion of diabetes in minority young people is actually type 2? *American Journal of Epidemiology* 1999; 149(11 suppl).
55. **June 1998 Zierold KM** and Conroy L. Size selective particle sampling. Poster session at the American Industrial Hygiene Conference and Exposition, Atlanta, GA.
56. **June 1996 Zierold KM** and Roth J. Henry's law constants for volatile organic compounds. Poster session at the American Institute of Chemical Engineers Annual Meeting, Chicago, IL.

TEACHING AND TRAINING

COURSES DESIGNED AND TAUGHT AT LOUISVILLE

PHEP 620 – Environmental and Occupational Epidemiology
 PHEP 617 – Field Epidemiology
 PHEP 655 – Emerging Issues in Epidemiology
 PHEP 750 – Seminars in Epidemiology (Research and Work Involving Vulnerable Populations)
 PHEP 778 – Research and Readings in Epidemiology/Independent Study

ENVIRONMENTAL COURSES TAUGHT AT OTHER INSTITUTIONS

University of South Carolina, School of Public Health, Department of Environmental Health
 ENHS 760 - Fundamentals of Air Pollution
 ENHS 762 - Fundamentals of Industrial Hygiene

University of Illinois at Chicago, School of Public Health, Professional Development Courses

- Course Instructor, Lead Worker/Contractor Certification Programs for the Great Lakes Center for Occupational and Environmental Health and Safety
- Course Instructor, Introduction to Particle Sampling Methods for the Air Pollution Training Institute

ADDITIONAL LECTURES

Fall 2017	PHUN 400 – People, Policy, Environment <i>Topic: “Coal ash and Children’s Health.”</i>	(3 hours)
Fall 2017	PHEP 601 – Introduction to Epidemiology <i>Topic: “From association to causation”</i> <i>Topic: “More on causal inferences: Bias, confounding, and interaction”</i>	(2 hours)
Spring 2017	PHEP 602 – Epidemiological Methods <i>Topic: “Communicating results of epidemiological studies.”</i>	(3 hours)
Spring 2017	EPI-HOUR – Epidemiology Seminar <i>Topic: “Coal ash and children’s neurobehavioral health in Louisville, Kentucky.”</i>	(1.5 hours)
Spring 2017	Community Presentation for Asthma Bootcamp Meeting <i>Topic: “Environmental triggers for asthma – Louisville.”</i>	(1 hour)
Spring 2017	PHPB 650 – Social Determinants of Health <i>Topic: “Coal ash and community engagement in Louisville, Kentucky”</i>	(2 hours)

Spring 2017	SW648 – Psychosocial Oncology II <i>Topic: “Coal ash, children’s health, and community engagement in Louisville, Kentucky”</i>	(2 hours)
Fall 2016	PHEP 601 – Introduction to Epidemiology <i>Topic: “From association to causation”</i> <i>Topic: “More on causal inferences: Bias, confounding, and interaction”</i>	(2 hours)
Fall 2016	PHUN 100 – Majoring in Public Health <i>Topic: “Careers in epidemiology”</i>	(1 hour)
Fall 2015	PHUN 400 – People, Policy, Environment <i>Topic: “Coal ash.”</i>	(1.5 hours)
Fall 2015	PHUN 100 – Majoring in Public Health <i>Topic: “Careers in epidemiology”</i>	(1 hour)
Fall 2012	RICU – “Community-Based Research: Let’s Engage Louisville!”	(2 hours)
Spring 2012	PHPB 710 – Community Based Participatory Research <i>Topic: “Children and coal ash: a potentially sickening combination.”</i>	(1 hour)
Spring 2011	PHEP 617 – Field Epidemiology <i>Topic: “Infectious disease modeling”</i> <i>Topic: “Sampling strategies”</i> <i>Topic: “Survey methods”</i> <i>Topic: “Questionnaire design”</i>	(1 hour) (1 hour) (1 hour) (1 hour)
Fall 2009	PHEP 601 – Introduction to Epidemiology <i>Topic: “Exposure in epidemiological studies”</i> <i>Topic: “Surveying techniques for measuring exposure”</i>	(1 hour) (2 hours)
Spring 2008	PHPB 721 – Health Promotion and Healthcare Infection <i>Topic: “Investigations in healthcare settings”</i>	(1 hour)
Spring 2008	PHEP 750 – Seminars in Epidemiology <i>Topic: “Epidemiology of Injuries in Children... What do we know? How do we do it? Where do we go?”</i>	(1 hour)
Fall 2007	PHEP 601- Introduction to Epidemiology <i>Topic: “Measuring exposure in epidemiological studies.”</i>	(1 hour)

ADVISING AND MENTORING OF STUDENTS SINCE 2007

PhD Students – Committee Chair			
Name	Degree Date	Title of Dissertation	Department
Stacey Konkle	Expected August 2018	Volatile Organic Compound Exposure and Cardiometabolic Syndrome	Epidemiology
Brian Guinn	Expected August 2018	Childhood lead exposure and violent crime in Jefferson County,	Epidemiology

		Kentucky	
Chisom Odoh	Expected August 2018	Coal ash exposure and social, thought, and obsessive impairments associated with autism spectrum disorders in children aged 6-14 years old	Epidemiology
Lindsay Tompkins	Expected December 2018	Compressive health assessment and impact study of community members exposed to multiple toxins	Epidemiology
Clara Sears	May 2017	The particulars about particulates: Exposure to metals and self-regulation of children living near coal ash storage	Epidemiology
Abby Burns	May 2017	Pediatric anxiety and/or depression problems: Associations with PM10, fly ash, and metal exposure	Epidemiology

PhD Students – Committee Member

Name	Degree Date	Title of Dissertation	Department
James Kent Pugh	December 2017	Moving mountains: An examination of the longitudinal impacts of mountaintop removal coal mining on mortality in the Appalachian region using Geographic Information Sciences techniques	Sociology
Christa Moore	August 2016	Identifying gaps in collaborative exchange among human services organizations	Sociology

MS Students – Committee Chair

Name	Degree Date	Title of Thesis	Department
Jack Pfeiffer	August 2017	Coal ash exposure and childhood asthma	Epidemiology
Lindsay Tompkins	August 2016	Coal ash exposure and neurobehavioral performance	Epidemiology
Clara Sears	May 2014	Sleep disorders and chronic coal ash exposure	Epidemiology
Teresa McGeeney	August 2010	Teenagers' safety at work: Dangerous tasks and safety training	Epidemiology

MS Students – Committee Member

Name	Degree Date	Title of Thesis	Department
James Kent Pugh	May 2014	Health of coal mining communities	Sociology

		in Eastern Kentucky: Changes over time	
Sheng Xu	May 2013	Applying generalized estimating equations to dental data	Biostatistics

MPH Students – Committee Chair			
Name	Degree Date	Practicum Topic	Department
Deepti Fnu	Expected May 2018	Refugee health	Epidemiology
James Grant	May 2012	Health services needs at a local community outreach center	Epidemiology
Todd Gibson	May 2010	Dental health of children in Appalachia	Epidemiology
Vanita Farrow	May 2009	Dental services at the Kentucky state fair	Epidemiology
Michael Cannell	May 2009	Health department – various projects	
Jennifer Howard	May 2008	Down’s Syndrome of Louisville	

Undergraduate Students			
Name	Degree Date	Role	Department
Alicia McQuire	2017	Capstone Director	Public Health

HONORS AND AWARDS

2017	Nominee, Outstanding Mentor of a Doctoral Student Award, May 2017
2016	University Outstanding Faculty Mentor, Recognized May 18, 2016
2013-2014	Faculty Favorite, “An outstanding professor nominated by students,” Delphi Center for Teaching and Learning, University of Louisville
2011-2012	Faculty Favorite, “An outstanding professor nominated by students,” Delphi Center for Teaching and Learning, University of Louisville
2010-2011	Faculty Favorite, “An outstanding professor nominated by students,” Delphi Center for Teaching and Learning, University of Louisville
2009	Nominee, Provost Award for Exemplary Advising, University of Louisville
2002	Student elect to Delta Omega (National Honor Society in Public Health)
1996-2001	National Institute for Occupational Safety and Health (NIOSH) Fellowship

1998	American Industrial Hygiene Foundation (AIHF) Fellowship
1994	Central New England AIChE Award for Significant Contribution

PROFESSIONAL SERVICE ACTIVITIES

NATIONAL SERVICE

2010-pres	Reviewer, abstracts for OSH Section for the American Public Health Association (APHA) annual meeting
2013 -pres	Reviewer, abstracts for American Academy of Health Behavior (AAHB) annual meeting
2013-pres	Associate Editor, Health Behavior and Policy Review
2013, 2014	Reviewer, abstract for Society for Epidemiologic Research (SER) annual meeting
2009, 2010	Reviewer, applicants for the ASPH/CDC Allan Rosenfield Global Health Fellowship Program
2009	Reviewer, NIH Challenge Grants: ZRG1 PSE-C58 and ZRG1 PSE-J58
2008	Reviewer, applicants for the ASPH/CDC/ATSDR Public Health Fellowship Program
2008-pres.	Mentor, Delta Omega
2004-2006	Resource group member, environmental health sciences, ASPH education committee. Master's degree in public health core competency development project, October 2004 - August 2006

Ad-hoc Reviewer

American Journal of Public Health
Occupational and Environmental Medicine
American Journal of Preventative Medicine
American Journal of Industrial Medicine
American Journal of Health Behavior
Journal of Adolescent Health
PLOS One

UNIVERSITY/SCHOOL SERVICE

University Service

2017	Reviewer, Jewish Heritage Foundation Grant Proposals
2016-pres	Member, Faculty Senate
2012-pres	Member, University of Louisville Minors on Campus Working Group
2013	Member, University of Louisville Distinguished Faculty Award in Service Screening Committee

2011-2012	Member, University of Louisville Gift Card Committee
2008, 2012	Judge, Research Louisville!
2008, 2009	Member, University of Louisville Distinguished Faculty Award in Teaching Screening Committee

School of Public Health Service

2008-2012, 2015-2016	Organizer, School of Public Health holiday drive for foster children at Home of the Innocents
2013-2014	Member, University of Louisville SPHIS West Louisville Working Group
2007-2013	Member, School of Public Health Student Affairs Advisory Group
2012	Organizer, School of Public Health collection for tornado victims living in Kentucky and Indiana
2008-2010	Member, School of Public Health Diversity Committee
2008	Judge, School of Public Health Middle School Essay Contest

Department Service

2016-2017	Chair, Handbook Revision Committee
Spring 2017	Chair, Associate/Full Tenure Track Faculty Search Committee
2016-2017	Chair, Open-Rank Tenure Track Faculty Search Committee
2015, 2017	Chair, Candidacy Exam Committee
2011, 2015-16	Chair, Proficiency Exam Committee
2008-pres	Member, Department of Epidemiology Proficiency/Candidacy Exams Committee
2007-pres	Member, Department of Epidemiology Admissions Committee

Service Responsibilities At Prior Positions

2004-2005	Member, University of South Carolina SPH IT Committee
2004-2005	Advisor, University of South Carolina Environmental Health Graduate Student Organization
2003-2005	Member, University of South Carolina SPH Evaluation Committee
2003-2005	Member, University of South Carolina SPH Graduate Admissions Committee
2004	Environmental Health Session Leader, University of South Carolina Public Health Camp (grades 5-8)