

Ying Li

Department of Environmental Health, College of Public Health
East Tennessee State University
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EDUCATION

Ph.D., *Public Policy*, **University of North Carolina at Chapel Hill**, USA, 2008

Graduate Certificate in *International Development*

Dissertation: *Health benefits of traffic-related particulate matter control policies: The case of Bangkok, Thailand.*

Winner, 2008 Best Dissertation in Public Policy and Management in Asia, Association for Public Policy Analysis and Management.

M.S., *Environmental Science*, **Peking University**, Beijing, China, 2002

B.S., *Environmental Science*, **Peking University**, Beijing, China, 1999

RESEARCH INTERESTS

- Environmental risk assessment, health benefits analysis, policy analysis
- Integrated assessment, the application of GIS and epidemiological approaches in studying the health effects of air pollution and climate change
- Spatial and temporal analysis of environmental pollution data

PROFESSIONAL EXPERIENCE

East Tennessee State University, USA

Assistant Professor (tenure-track), 08/2014-present. Department of Environmental Health,
College of Public Health

Columbia University, USA

Earth Institute Postdoctoral Fellow, 2011-2014. Focus: Assessing the public health burden associated with exposure to fine particulate matter and its various chemical components in the United States

University of North Carolina at Chapel Hill, USA

Postdoctoral Research Associate, 2008-2010, Department of Environmental Sciences and Engineering, Gillings School of Global Public Health;
Focus: Assessing environmental burden of disease in the United Arab Emirates

Research Assistant, 2006-2008, Institute for the Environment

Environmental Specialist, 2006, Center for Sustainable Enterprise

Research Assistant, 2003-2004, Department of Public Policy

Graduate Assistant, 2005-2007, Environmental and Energy Initiative Committee

Chulalongkorn University, Bangkok, Thailand, *Visiting Scholar*, 2005, National Research Center for Environmental and Hazardous Waste Management

Peking University, Beijing, China, *Research Assistant*, 2000-2002, Department of Urban and Environmental Sciences

PUBLICATIONS

Manuscripts under review

1. Shaoqing Gong, Kesheng Wang, **Ying Li**, Arsham Alamian. Ethnic group differences in obesity in Asian Americans in California, 2013-2014. Under review by *BMC Public Health*.
2. Shaoqing Gong, Kesheng Wang, **Ying Li**, Arsham Alamian. The influence of immigrant generation on obesity among Asian Americans in California from 2013 to 2014. Under review by *Plos One*.
3. Shaoqing Gong, Kesheng Wang, **Ying Li**, Arsham Alamian. Geography disparities in obesity among Asian Americans: An analysis of the 2013-2014 California Health Interview Survey. Under review by *Scientific Report*.

Manuscripts to be submitted

4. Wei Zhang, Ting Ren, Andrew Joyner, **Ying Li** (Corresponding author). Future population exposure to long-term temperature change in the warm season in China: Impacts of climate change, population growth and urbanization.
5. **Ying Li** (Corresponding author) and Ying Liu. A stratified meta-analysis of source-specific PM₁₀ pollution and daily mortality.
6. **Ying Li** (Corresponding author), Yuqiang Zhang, Jason West, Jared Bowden, Dennis Gilfillan. The impacts of climate change on heat-related mortality in the United States using dynamically downscaled climate projections and BenMAP.
7. Emmanuel A. Odame, **Ying Li**, Shimin Zheng, Ambarish Vaidyanathan, Ken Silver. Assessing heat-related mortality risks among rural populations: A systematic review and meta-analysis of epidemiological evidence.
8. Tony DeLucia, **Ying Li**, Andrew Joyner. An interrelated use of BenMAP and the World Health Organization health impact assessment tool for built environment improvements.

Peer-reviewed Journal Articles

1. **Ying Li**, Ting Ren, Patrick Kinney, Andrew Joyner, Wei Zhang. Projecting future climate change impacts on heat-related mortality in large urban areas in China. *Environmental Research*, 2018, 163: 171-185.
2. Wei Zhang, Xue Zhang, Yuling Tian, Yan Zhu, **Ying Li** (Corresponding author), Xuejun Wang. Risk assessment of total mercury and methylmercury in aquatic products from offshore farms in China. *Journal of Hazardous Materials*, 2018, accepted.
3. Wei Zhang, Lei Zhang, **Ying Li**, Long Chen, Arthur P.J. Mol, David A. Sonnenfeld,

- Jianguo Liu, Yuling Tian, Xiaoran Li, Xue Zhang, Zeyu Ping. Neglected environmental health impacts of China's industrial policy. *Environmental International*, 2018, 115: 97-103.
4. **Ying Li** (Corresponding author), Evaluating and improving the effectiveness of vehicle inspection and maintenance programs: A cost-benefit analysis framework. *Journal of Environmental Protection*, 2017, 8, 1541-1566. DOI: <https://doi.org/10.4236/jep.2017.812095>
 5. **Ying Li**, Emmanuel A. Odame, Ken Silver, Shimin Zheng. Comparing urban and rural vulnerability to heat-related mortality: A systematic review and meta-analysis. *Journal of Global Epidemiology and Environmental Health*, 2017 (1), 9-15.
 6. Ying Liu, Sonica Sayam, Xiaonan Shao, Kesheng Wang, Shimin Zheng, **Ying Li**, Liang Wang. Prevalence of diabetes and its trend in US veterans, 2005-2014. *Preventing Chronic Disease*, 2017, 2017; 14:170230. DOI: <https://doi.org/10.5888/>
 7. Wei Zhang, Gengchong Zhen, Long Chen, Huanhuan Wang, **Ying Li** (Corresponding author), Yindong Tong, Xuejie Ye, Yan Zhu, Xuejun Wang. Economic evaluation of health benefits of mercury emission controls for China and the neighboring countries in East Asia. *Energy Policy*, 2017, 106: 579-587.
 8. **Ying Li**, Daven Henze, Darby Jack, Barron Henderson, Patrick Kinney. Assessing public health burden associated with exposure to ambient black carbon in the United States. *Science of the Total Environment*, 2016, 539 (1): 515-525.
 9. Yindong Tong, Xuejun Wang, Gengchong Zhen, **Ying Li**, Wei Zhang, Wei He. Agricultural water consumption decreasing nutrient burden at Bohai Sea, China. *Estuarine, Coastal and Shelf Science*, 2016, 169, 85-94.
 10. Wei Zhang, Gengchong Zhen, Yindong Tong, Lei Yang, Yan Zhu, Guohua Liu, Xuejun Wang, **Ying Li**. Policy framework for trans-boundary water quality management in China: Perspective of water quality objectives. *Environmental Hazards*, 2016, April, 113-127.
 11. Gengchong Zhen, **Ying Li**, Yindong Tong, Zhang Wei. Temporal variation and regional transfer of heavy metals in the Pearl (Zhujiang) River, China. *Environmental Science and Pollution Research*, 2016, January, 1-11.
 12. **Ying Li**, Daven Henze, Darby Jack, Patrick Kinney. The Influence of air quality model resolution on health impact assessment for fine particulate matter and its components in the United States. *Air Quality, Atmosphere and Health*, 2015, Feb., 1-18.
 13. **Ying Li** (Corresponding author), Douglas Crawford-Brown. Assessing the co-benefits of greenhouse gas reduction: Health benefits of particulate matter related inspection and maintenance programs in Bangkok, Thailand. *Science of the Total Environment*, 2011, 409 (10): 1774-1785.
 14. **Ying Li**, Jacqueline M. Gibson, Prahlad Jat, Gavino Puggioni, Mejs Hasan, J. Jason West, Will Vizuete, Ken Sexton, Marc Serre. Burden of disease attributed to anthropogenic air pollution in the United Arab Emirates: Estimates based on observed air quality data. *Science of the Total Environment*, 2010, 408 (23): 5784-5793.
 15. Xuejun Wang, Wei Zhang, **Ying Li**, Kaizhong Yang, Mo Bai. Air quality improvement estimation and assessment using contingent valuation method: A case study in Beijing. *Environmental Monitoring and Assessment*, 2006, 120: 153-168.
 16. Jingyun Fang, **Ying Li**. Climatic factors for limiting northward distribution of eight

temperate tree species in eastern North America. *Acta Botanica Sinica (Journal of Integrative Plant Biology)*, 2002, 44 (2): 199-203.

Publications in Chinese with English abstract

1. **Ying Li**, Mo Bai, Wei Zhang, Kaizhong Yang, Xuejun Wang. An analysis on the influencing factors of residents' willingness-to-pay for air quality improvement. *China Population, Resources and Environment*, 2002, 12 (6): 123-126.
2. Kaizhong Yang, Mo Bai, **Ying Li**, Ling Xue, Xuejun Wang. The feasibility of contingent valuation method in economic valuation of environment in China: A case study of the residents' willingness-to-pay in Beijing. *Advance in Earth Sciences*, 2002, 17 (3): 420-425.
3. Ruimin Liu, Xuejun Wang, Yi Zheng, **Ying Li**, Yaoci Jiang, Xiuwei Zhou. The application of geostatistics in the study of water quality of Taihu Lake. *Acta Scientiae Circumstantiae*, 2002, 22 (3): 209-212.
4. **Ying Li**, Mo Bai, Kaizhong Yang, Xuejun Wang. A case study on residents' willingness to pay to improve air quality in Beijing. *Urban Environment and Urban Ecology*, 2001, 14 (5): 6~9.
5. **Ying Li**, Xuejun Wang. Introduction to Environmental Technology Verification (ETV) Program in the United States. *China Population, Resources and Environment*, 2001, 11 (3): 121~122.
6. **Ying Li**. The technology of questionnaire design in the Contingent Valuation Method. *Environmental Protection Science*, 2001, 27 (108): 25-27.
7. Wei Zhang, Xuejun Wang, **Ying Li**. Theoretical study of point-nonpoint source pollution abatement trading. *Acta Scientiae Circumstantiae*, 2001, 21 (6): 748-753.

Books Chapters

1. **Ying Li** and Ke Chen. A Review of Air Pollution Control Policy Development and Effectiveness in China. 2018. In: *Energy Economics and Policy: The Past, Present and Future*, ISBN978-953-51-5973-5, in print.
2. Chapter 4 (lead author): Burden of Disease from Outdoor Air Pollution. Chapter 2 (contributing author): Prioritizing Environmental Risks to Health; 2013. In: MacDonald Gibson, A. Brammer, C. Davidson, T. Folley, F. Launay, and J. Thomsen (eds). *Environmental Burden of Disease Assessment: A Case Study in the United Arab Emirates*. Dordrecht, the Netherlands: Springer. ISBN-10: 940075924X, ISBN-13: 978-9400759244. 521 pages.

Published Abstracts

1. Jason West, Yuqiang Zhang, Steven Smith, Raquel Silva, Jared Bowden, Vaishali Naik, **Ying Li**, Dennis Gilfillan, Zachariah Adelman, Meridith Fry, Susan Anenberg, Larry Horowitz, Jean-Francois Lamarque. Cobenefits of global and domestic greenhouse gas emissions for air quality and human health. *The Lancet*, 2017, 389 (S1-S24, Inaugural Planetary Health/GeoHealth Annual Meeting): 23.
2. **Ying Li**. Health benefits of traffic related particulate matter control policies: The case of Bangkok, Thailand. *Journal of Public Policy Analysis and Management*, 2009, 28 (3):

545-547.

Technical Reports

1. Ying Li. 2011. Health benefits of traffic-related particulate matter control policies: The case of Bangkok, Thailand. ProQuest, UMI Dissertation Publishing. ISBN-10: 1243490128, ISBN-13: 978-1243490124. 222 pages.
2. Soil and Groundwater. 2009. In: MacDonald Gibson, J., and A. Brammer (eds.). National Strategy and Action Plan for Environmental Health, United Arab Emirates—2010. (pp. 74-81). Abu Dhabi, United Arab Emirates: Environment Agency-Abu Dhabi. 104 pages.
3. Bank of America environmental footprint analysis. 2006. A report prepared for Bank of America, Institute for the Environment, University of North Carolina at Chapel Hill. 55 pages.

Other publications

1. Ying Li. Particulate matter matters. In: Asia Pacific Affairs Council Journal Spring 2013, Sustainable Asia: Advancements in Technology, Design and Policy. Weatherhead East Asian Institute, Columbia University: 4-5.

PRESENTATIONS

Conference Presentations

1. **Ying Li**, Ren Ting, Wei Zhang. Projecting future climate change impacts on heat-related mortality in large urban areas in China. Society for Risk Analysis Annual Conference. Arlington, VA, 12/2017.
2. Wei Zhang, Genchong Zhen, Long Chen, Huanhuan Wang, **Ying Li**, Xuejie Ye, Yindong Tong, Yan Zhu, Xuejun Wang, Evaluation of China's mercury emission controls in the coal-fired power industry: Projection for the health and welfare effects. Society for Risk Analysis Annual Conference. Arlington, VA, 12/2017.
3. **Ying Li**. Heat-related mortality under two Representative Concentration Pathways (RCPs) emission scenarios: Projections for the United States and China. American Public Health Association 2017 Annual Meeting & Exposition. Atlanta, GA, 11/2017.
4. Ken Silver, **Ying Li**, Emmanuel Odame, Yuqiang Zhang. Effects of Global Warming on Work-Rest Routines for Crop Workers in Appalachia. American Public Health Association 2017 Annual Meeting & Exposition. Atlanta, GA, 11/2017.
5. Ying Liu, Kesheng Wang, Sonica Sayma, Shimin Zheng, **Ying Li**, Liang Wang, Prevalence of diabetes and its trend in U.S. veterans, 2005-2014. American Public Health Association 2017 Annual Meeting & Exposition. Atlanta, GA, 11/2017.
6. J. Jason West, Yuqiang Zhang, Steven J. Smith, Raquel A. Silva, Jared H. Bowden, Vaishali Naik, **Ying Li**, Dennis Gilfillan, Zachariah Adelman, Meridith M. Fry, Susan C. Anenberg, Larry Horowitz, Jean-Francois Lamarque. Co-benefits of global and domestic greenhouse gas emissions for air quality and human health. Air & Waste Management Association Specialty Conference: Finding Common Ground on Climate Change Mitigation and Adaptation. Arlington, VA, 10/2017.
7. **Ying Li**. Climate change impacts on heat-related mortality in large urban areas in China.

- The 9th International Conference on Environmental Pollution and Public Health.
Hangzhou, China, 06/2017.
8. **Ying Li**, Yuqiang Zhang. Projecting future heat wave effects on mortality in the United States: National estimates using dynamically downscaled climate projections. Air & Waste Management Association 110th Annual Conference & Exhibition. Pittsburgh, PA, 06/2017.
 9. **Ying Li**, Wei Zhang. Estimating heat-related mortality in the U.S. and in China using downscaled climate projections. Association of American Geographers Annual Meeting. Boston, MA, 04/2017.
 10. Julie Obenauer, Megan Quinn, **Ying Li**, Andrew Joyner. Including human population characteristics in ecological niche models for *Aedes aegypti* when modeling projected disease risk due to climate change. Association of American Geographers 2017 Annual Meeting. Boston, MA, 04/2017.
 11. **Ying Li**, Emmanuel Odame, Shimin Zheng, Ken Silver. Comparing urban and rural vulnerability to heat-related mortality: A systematic review and meta-analysis. Society for Risk Analysis 2016 Annual Conference. San Diego, CA, 12/2016.
 12. Wei Zhang, Genchong Zhen, Long Chen, Huanhuan Wang, **Ying Li**, Yindong Tong, Xuejie Ye, Yan Zhu, Xuejun Wang. Benefits of mercury controls for China and the neighboring countries in East Asia. Society for Risk Analysis 2016 Annual Conference. San Diego, CA, 12/2016.
 13. **Ying Li**, Wei Zhang. Predicting future heat-related mortality in large urban areas in China using GIS (Geographic Information System) and epidemiological approaches. Association of American Geographers 2016 Annual Meeting. San Francisco, CA, 03/2016.
 14. **Ying Li**, Wei Zhang, Ting Ren, Andrew Joyner. Climate change impacts on heat-related mortality in large urban areas in China. Society for Risk Analysis 2015 Annual Conference. Arlington, VA, 12/2015.
 15. **Ying Li**, Dennis Gilfillan, Yuqiang Zhang, Jason West. Projecting future heat-related mortality in the United States under global climate change. Society for Risk Analysis World Congress on Risk 2015. Singapore, 7/2015.
 16. **Ying Li**. Improving public health through reducing fine particulate matter pollution. 2015 Tennessee Environmental Conference. Kingsport, TN, 03/2015.
 17. **Ying Li**. National health co-benefits of controlling black carbon emissions in the United States. The Earth Institute Fellows Symposium: Meeting the Challenges of Sustainable Development in a Changing World. Columbia University, New York, NY, 11/2013.
 18. Henze, D.K., Turner M., Kinney, P. L., Jack, D., **Li, Y.**, Mickley, L., Jacob, D., Shindell, D., Martin, R., & Hakami, A. Inverse modeling and attainment analysis for improved decision support of PM_{2.5} air quality regulations. NASA Health and Air Quality Applications Program Annual Review Meeting, St. Paul, MN, 09/2013.
 19. **Ying Li**, Daven Henze, Darby Jack & Patrick Kinney. Assessing the national public health burden associated with exposure to ambient black carbon in the United States. The 25th Conference of the International Society for Environmental Epidemiology, Basel, Switzerland, 08/2013.
 20. Turner, M., Henze, D.K., Hakami, A., Zhao, S., Resler, J., Carmichael, G., Stanier, C.,

- Baek, J., Saide, P., Sandu, A., Russel, A., Jeong, G., Nenes, A., Capps, S., Percell, P., Pinder, R., Napelenok, S., Pye, H., Bash, J., Chai, T., **Li, Y.**, Kinney, P. & Jack, D. Adjoint-based Source Attribution of PM Health Impacts. The 11th Annual Community Modeling Analysis System Conference, Chapel Hill, NC, 10/2012.
21. **Ying Li**. Assessing the co-benefits of greenhouse gas reduction. The Earth Institute Fellows Symposium: Meeting the Challenges of Sustainable Development in a Changing World. Columbia University, New York, NY, 11/2011.
 22. **Ying Li** & Jacqueline MacDonald Gibson. National burden of disease due to ambient air pollution in the United Arab Emirate. Society for Risk Analysis 2009 Annual Meeting, Baltimore, MD, 12/2009.
 23. **Ying Li**. Health benefits of traffic related particulate matter control policies: The case of Bangkok, Thailand. The 30th Annual Research Conference of the Association for Public Policy Analysis and Management, Los Angeles, CA, 11/2008.
 24. **Ying Li**. Health benefits of particulate matter related vehicle inspection and maintenance programs: The case of Bangkok, Thailand. Air & Waste Management Association 101st Annual Conference & Exhibition, Portland, OR, 06/2008.
 25. **Ying Li**. A stratified meta-analysis of source-specific particulate matter and its health effects. Society for Risk Analysis 2007 Annual Meeting, San Antonio, TX, 12/2007.
 26. **Ying Li**. A decision framework for vehicle inspection and maintenance programs using health benefit analysis. The 135th America Public Health Association Annual Meeting & Exposition, Washington, D.C. 11/2007.
 27. **Ying Li** & Douglas Crawford-Brown. The U.K. – U.S. community carbon reduction program. Research Triangle Energy Consortium Sustainable Energy Symposium, Research Triangle Park, NC, 11/2007.
 28. **Ying Li**. Do the sources of particles matter? – A meta-analysis of time-series studies of fine particulate matter (PM₁₀) and daily mortality. The 27th Annual Research Conference of the Association for Public Policy Analysis and Management, Washington DC, 11/2005.

Invited Talks/University Seminars

1. The impacts of climate change on heat-related mortality: National estimates in China and the United States using dynamically downscaled climate projections. Department of Environmental Engineering, School of Energy and Environmental Engineering, University of Science and Technology Beijing, China, 06/2017.
2. Using BenMAP (Environmental Benefits Mapping and Analysis Program) to evaluate health benefits of air pollution control. Department of Environmental Engineering, School of Energy and Environmental Engineering, University of Science and Technology Beijing, China, 06/2017.
3. Projecting future heat-related mortality in the United States under global climate change. Environmental Health Seminar Series, College of Public Health, East Tennessee State University, TN, 11/2015.
4. Assessing public health burden associated with exposure to fine particulate matter and its chemical components in the United States. Chinese Center for Disease Control and Prevention, Beijing, China, 05/2015

5. Assessing public health burden associated with exposure to fine particulate matter (PM_{2.5}): The impacts of model resolution and exposure-response relationship on mortality estimates. Environmental Health Seminar Series, College of Public Health, East Tennessee State University, TN, 11/2014.
6. Health benefits of particulate matter related vehicle inspection and maintenance programs: The Case of Bangkok, Thailand. Air & Waste Management Association-Research Triangle Park Chapter, Research Triangle Park, NC, 11/2008.
7. Estimating community carbon dioxide reductions in Chapel Hill and Carrboro. 10th Annual Graduate Student Recognition Ceremony, University of North Carolina at Chapel Hill, 04/2008.
8. Community carbon reduction program of Chapel Hill and Carrboro. Meeting of Progress Energy and Center for Sustainable Energy, Environment and Economic Development, University of North Carolina at Chapel Hill, 10/2007.
9. Health benefits of vehicle inspection and maintenance programs: The case of Bangkok, Thailand. International Development Workshop of Center for Global Initiatives, University of North Carolina at Chapel Hill, 04/2007.
10. Ecological footprint of Bank of America operations. Bank of America Internal Environmental Meeting, Charlotte, NC, 10/2006.
11. Health effects of air pollution and control policies in Bangkok, Thailand. Center for Global Initiatives Student Research Symposium, University of North Carolina at Chapel Hill, 11/2005.

STUDENT PRESENTATIONS (Appalachian Student Research Forum)

1. Taiwo Adesoba, Ying Li and Ken Silver. Frequency and intensity of heat waves in East Tennessee: Measurements using various heat wave definitions. 2018. (Oral presentation)
2. Emmanuel Odame, Ying Li, Ken Silver, and Shimin Zheng. Meta-analysis to determine vulnerability of rural areas to heat mortality. 2017. (Oral presentation)
3. Julie Obenauer, Megan Quinn, Ying Li, and Andrew Joyner. Future risk from the *Ae. aegypti* vector: Modeling the effects of climate change and human population density on habitat suitability. 2017. (Oral presentation)
4. Sonica Sayam, Kesheng Wang, Shimin Zheng, Ying Li, Liang Wang, and Ying Liu. Prevalence of diabetes in U.S. veterans: Findings from NHANES 2005-2014. 2017. (Poster)
5. Reem Tariq and Ying Li. Heat-related mortality due to climate change – associations, confounders, vulnerabilities and adaptations: An epidemiologic review (2009-2015). 2016. (Oral presentation)
6. Joseph Kusi and Ying Li. Assessing climate change impacts on future heat-related mortality in the United States. 2015. (Poster)

TEACHING AND MENTORING

East Tennessee State University

Instructor:

- Spring 2018: ENVH 4400: Environmental Health Program Planning and Administration (Undergraduate)
ENVH 5860: Environmental Health Administration (Graduate, team-taught with Dr. Ken Silver)
ENVH 5100: Environmental Health Practice (Graduate, team-taught with ENVH faculty)
- Fall 2017: ENVH 3010: Human Ecology (Undergraduate; writing, oral communication and information technology intensive)
- Spring 2017: ENVH 4400: Environmental Health Program Planning and Administration (Undergraduate)
ENVH 3040: Environmental Sanitation (Undergraduate, team-taught with ENVH faculty)
ENVH 5100: Environmental Health Practice (Graduate, team-taught with ENVH faculty)
- Fall 2016: ENVH 3010: Human Ecology (Undergraduate; writing, oral communication and information technology intensive)
- Spring 2016: ENVH 4400: Environmental Health Program Planning and Administration (Undergraduate)
ENVH 5860: Environmental Health Administration (Graduate, team-taught with Dr. Ken Silver)
ENVH 3040: Environmental Sanitation (Undergraduate, team-taught with ENVH faculty)
ENVH 5100: Environmental Health Practice (Graduate, team-taught with ENVH faculty)
- Fall 2015: ENVH 3010: Human Ecology (Undergraduate; writing, oral communication and information technology intensive)
- Spring 2015: ENVH 4400: Environmental Health Program Planning and Administration (Undergraduate)
ENVH 3040: Environmental Sanitation (Undergraduate, team-taught with ENVH faculty)
ENVH 5100: Environmental Health Practice (Graduate, team-taught with ENVH faculty)
- Fall 2014: ENVH 3010: Human Ecology (Undergraduate; writing, oral communication and information technology intensive)

Invited speaker:

- Spring 2018: ENVH 3010: Human Ecology (Undergraduate)
Spring 2015: EPID 5405: Epidemiology II (Graduate)
ENVH 3010: Human Ecology (Undergraduate)

Thesis committee:

- Taiwo Adesoba (MS in Environmental Health), Chair, ongoing.
- Miranda Pardue (BS in Environmental Health), Honors Thesis, ongoing.
- Emmanuel Odame (PhD in Environmental Health), ongoing.

- Dennis Gilfillan (PhD in Environmental Health): “The ecology of fecal indicators in aquatic systems: A geographic and microbial community approach”, expected in May 2018.
- Julie Obenauer (Dr. PH in Epidemiology): “The increasing risk of vector-borne diseases: Mapping the effects of climate change and human population density on future *Aedes aegypti* habitats”, defended in March 2017.
- Shaoqing Gong (Dr. PH in Epidemiology): “An epidemiological study of obesity among Asian Americans in California”, defended in March 2017.

Graduate Assistant Mentoring:

- Taiwo Adesoba, Fall 2017, Spring 2018
- Emmanuel Odame (PhD), Summer 2016, 2017
- Reem Tariq (MS), Fall 2015, Spring 2016
- Dennis Gilfillan (PhD), Summer 2015
- Joseph Kusi (PhD), Spring 2015

GRANTS

- “Air pollution control policy development and effectiveness in China”, East Tennessee State University Research Development Committee Small Research Grant (18-029SM), 2018, \$1481.
- “Projecting future heat-related mortality in the United States under global climate change”. East Tennessee State University Research Development Committee Major Research Grant (16-018M), Principle Investigator, 07/01/2015- 06/30/2016, \$9850.
- “Comparing Urban and Rural Effects of Poverty on COPD (CURE COPD)/ Environmental Health Disparities in Rural Appalachia: The impact of air pollution, obesity and diet on COPD morbidity”, NIH/NIMHD/EPA P50MD010431/EPA Grant Number: R836150C002, 07/01/2015 – 06/30/2020, \$693,432, *Co-Investigator*. (PI: McCormack, Meredith, John Hopkins University).
- International Society for Risk Analysis 2015 World Congress Young Investigator Travel Grant, 07/2015, \$1800.

SERVICE

Editorial Board:

Journal of Global Epidemiology and Environmental Health (2017-)

Manuscript Review:

2018: *Environmental International, International Journal of Environmental Research and Public Health*

2017: *Applied Geomatics, Journal of Global Epidemiology and Environmental Health, PLOS ONE, Climate, Atmosphere, Environmental Science and Pollution Research, International Journal of Environmental Research and Public Health, Environmental Pollution*

2016: *International Journal of Environmental Research and Public Health, Environmental Pollution*

2015: *Environmental Science & Technology*

2014: *Environmental International, Atmospheric Environment*

2013: *Energy and Environment*

2008-2009: *EM* (a publication published by Air & Waste Management Association)

Grant Review:

Invited grant proposal reviewer, National Academies of Sciences and United States Agency for International Development (USAID) (Pakistan – U.S. Science and Technology Cooperation Program) (2017)

Invited grant proposal reviewer, Natural Environment Research Council, UK (2016)

Invited member of EPA STAR Grant Peer Review Panel on “Integrating Human Health and Well-Being with Ecosystem Services” (2016)

ETSU Research Development Committee Major Grant Review (2016, 2017)

ETSU, Office of Undergraduate Research & Creative Activities, Student-Faculty Collaborative Grant review (2017)

University, College and Department Service:

Judge, Appalachian Student Research Forum (2018)

Faculty Development Committee, College of Public Health, ETSU (2015-present)

Graduate (PhD, MSEH, MPH) Admission Committee, Department of Environmental Health, ETSU (2014-present)

Rural and Appalachian Health Collaborative, College of Public Health, ETSU (2016-present)

Professional Service:

Council Member, National Environmental Health Science and Protection Accreditation Council (EHAC) (2018-2021)

Symposium Chair, “Integrated Health Impact Assessment for Air Pollution and Global Climate Change in China”. Society for Risk Analysis Annual Meeting (2017)

Session Moderator, “Climate Change and Health in Epidemiological Research”. American Public Health Association Annual Meeting & Expo (2017)

Abstract reviewer for the Environment program, American Public Health Association Annual Meeting & Expo (2017)

Session Monitor, Air & Waste Management Association Annual Conference (2015)

PROFESSIONAL ORGANIZATIONS

Society for Risk Analysis

American Public Health Association

Association for Public Policy and Management