

Radhika Dhingra

██████████, Chapel Hill, NC 27516 ♦ rdhingra@unc.edu ♦ ██████████

EDUCATION

Ph.D. in Environmental Health Sciences, Emory University 2015
M.S.P.H. in Environmental Health and Epidemiology, Emory University 2011
M.S. in Environmental Engineering, Georgia Institute of Technology 2009
B.S. in Mathematics and B.S. in Architecture, University of Texas at Austin 2004

EXPERIENCE AND RESEARCH

Assistant Professor

Institute of Environmental Health Solutions
Department of Environmental Science and Engineering, Gillings School of Public Health
University of Chapel Hill
Chapel Hill, North Carolina 2018 to present

Post-Doctoral Fellow

Clinical Research Branch, Environmental Public Health Division
U.S. Environmental Protection Agency
Chapel Hill, North Carolina 2015 to 2018

Graduate Research Assistant/Research Scientist

Department of Environmental Health, Rollins School of Public Health
Emory University, Atlanta, Georgia..... 2009 to 2015

Graduate Research Assistant

Department of Environmental Engineering
Georgia Institute of Technology
Atlanta, Georgia 2007 to 2009

Facilities & Construction Project Manager

Houston Community College System 2006 to 2007

Architectural Intern

Mathur and Kapre Associates, Pvt. Ltd.
New Delhi, India and Austin, Texas 2004 to 2005

GRANTS AND FUNDING

Ongoing

R21 National Institute of Environmental Health Sciences (\$422,099) *anticipated 2021*
Topic: Airway microbiome and cytokines response to woodsmoke exposure
PI: **Dhingra**
Center for Environmental Health Susceptibility pilot award (\$50,000) 2020
Topic: Airway microbiome and cytokines response to woodsmoke exposure
PI: **Dhingra**
EPA Cooperative Agreement (\$120,000) 2020
Topic: Wildfire exposure on atopic disease
PI: Jaspers, Rappold, **Dhingra**
IEHS Pilot Award (\$40,000) 2020
Topic: Wildfire exposure on atopic disease
PI: Brooks, CoI: **Dhingra**

Completed

Pathfinder Innovation Project award: competitive internal EPA grant (\$30,000) 2017
Topic: 'Omics of exposure to air pollution
PI: **Dhingra**, Diaz-Sanchez, Rappold

PUBLICATIONS

* Indicates trainee; † indicates primary manuscript advisor.

In preparation or under review

- A.M. Weaver, *L.A. McGuinn, L. Neas, R.B. Devlin, **R. Dhingra**, C.K. Ward-Caviness, Wayne E. Cascio, W.E. Kraus, E. R. Hauser, D. Diaz-Sanchez. Associations between Neighborhood Socioeconomic Cluster and Cardiovascular Outcomes among Cardiac Catheterization Patients. (Under review at American Heart Journal, 2020).
- †A. Khalil*, **R. Dhingra**, J.M. Al-Mulki, M.H. Hassoun, N.E. Alexis. Tobacco smoking decreases the survival rate among hospitalized COVID-19 patients in a gender specific manner. (Under review at Plos ONE, 2021).
- C.M. Ghiuzeli, M. Stýblo, J. Saunders, A. Calabro, D. Budman, S. Allen, C. Devoe, **R. Dhingra**. The pharmacokinetics of therapeutic arsenic trioxide in acute promyelocytic leukemia patients. (Under review at Leukemia and Lymphoma, 2021)
- R. Dhingra**, J. Kahle, M. Case, D. Diaz-Sanchez. Modification of ozone-induced changes in lung function by moderate recent life stress. (under review at AJCRRM, 2021).
- †J. Clark*, C. Bulka*, C.L. Martin, H. Santos, M. O’Shea, L. Smeester, ..., R. Fry, **R. Dhingra**. Placental epigenetic gestational age acceleration in relation to social determinants of health among infants born extremely preterm. (in preparation, 2021)
- R. Dhingra**, J. Mirowsky, L. Kwee, W.E. Kraus, E. Hauser, S. Shah, L. Neas, R. Devlin, C. Ward-Caviness, W. Cascio, D. Diaz-Sanchez, K. Olden. Neighborhood characteristics may impact epigenetic loci linked to C-reactive protein. (in preparation, 2021).
- R. Dhingra**, W. Jackson, J.S. Hagood, J. Rager, H. Santos, L. Smeester, T. M. O’Shea, R.C. Fry. Placental miRNAs Related to Pre-eclampsia are Associated with Bronchopulmonary Dysplasia in Infants Born Extremely Prematurely. (in preparation, 2020).

Published or in press

- C.L. Martin, C.K. Ward-Caviness, **R. Dhingra**, T.M. Zikry, S. Galea, D.E. Wildman, K.C. Koenen, M.Uddin, A.E. Aiello. Neighborhood environment, social cohesion, and epigenetic aging. Aging (accepted 2021)
- M.E. Rebuli, E. Glista-Baker*, J.R. Hoffman, P.F. Duffney, C. Robinette, A.M. Speen, E.A. Pawlak, **R. Dhingra**, T.L. Noah, I. Jaspers. (2020) E-cigarette Use Alters Nasal Mucosal Immune Response to Live-Attenuated Influenza Virus (LAIV) Infection. *Am J Respir Cell Mol Biol.* 64 (1), 126-137. doi: 10.1165/rcmb.2020-0164OC.
- T. Cole-Hunter*, **R. Dhingra**, K.M. Fedak, N. Good, C. L’Orange, G. Luckasen, J. Mehaffy, E. Walker, A. Wilson, J. Balmes, R.D. Brook, M.L. Clark, R. Devlin, J. Volckens, J.L. Peel. (2021) Acute Differences in Cardiac Autonomic Function following Controlled Exposure to Cookstove Air Pollution: the Subclinical Tests of Volunteers Exposed to Smoke (SToVES) Study. *Environmental International* 146:106254.
- C.K. Ward-Caviness, A.G. Russell, A.M. Weaver, E. Slawsky*, **R. Dhingra**, L.C. Kwee, R. Jiang, L.M. Neas, D. Diaz-Sanchez, R.B. Devlin, W.E. Cascio, K. Olden, E.R. Hauser, S.H. Shah, W.E. Kraus. (2020) Accelerated epigenetic age as a biomarker of cardiovascular sensitivity to traffic-related air pollution. *Aging* 12 (23), 24141.
- R. Dhingra**, J.C. Nwanji-Enwerem*, A. Aiello, F. Sentilles*, B. King*, C. Ward-Caviness. ‘Epigenetics, Aging and Early Life’ in Fry, R. (ed.) *Environmental Epigenetics in Toxicology and Public Health*. (2020) [Note: not peer-reviewed]

- M.-A. C. Bind, D. Rubin, A. Cardenas, **R. Dhingra**, C. Ward-Caviness, Z. Liu, J. Mirowsky, J. D. Schwartz, B. A. Coull, D. Diaz-Sanchez, R. B. Devlin. (2020) Average causal effects of ozone on epigenomic DNA methylation: evidence from a randomized crossover study. *Scientific Reports* 10(1):1-15.
- R. Dhingra**, L.C. Kwee, D. Diaz-Sanchez, R.B. Devlin, W. Cascio, C. Haynes, E.R. Hauser, S. Gregory, S. Shah, W. Kraus, K. Olden, C. Ward-Caviness. (2019) Evaluating DNA methylation age on the Illumina's methylationEPIC BeadChip. *PLoS one.*;14(4): e0207834.
- K.A. Addo*, C. Bulka*, **R. Dhingra**, H.P. Santos Jr, L. Smeester, T.M. O'Shea, R.C. Fry, Acetaminophen use during pregnancy and DNA methylation in the placenta of the extremely low gestational age newborn (ELGAN) cohort. *Environmental epigenetics*, 5 (2), dvz010.
- S. Sikdar, R. Joehanes, B.R. Joubert, ... **R. Dhingra**, ... S. J. London. (2019) Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. *Epigenomics*, 11 (13), 1487-1500.
- A.M. Weaver, L. McGuinn*, L. Neas, J. Mirowsky, R. Devlin, **R. Dhingra**, C. Ward-Caviness, W. Cascio, W.E. Kraus, E. Hauser, Q. Di, J. Schwartz, D. Diaz-Sanchez. (2019) Neighborhood sociodemographic effects on the associations between long-term PM2.5 exposure and cardiovascular outcomes and diabetes mellitus. *Environmental Epidemiology*; 3(1): e308.
- R. Dhingra***, M.L. Hernandez*, A.J. Burbank, K. Todorich, C.E. Loughlin, M. Frye, K. Duncan, C. Robinette, K. Mills, R.B. Devlin, D.B. Peden, D. Diaz-Sanchez. (2018) Low level Ozone has both systemic and respiratory effects in African-American children with asthma. *Journal of Allergy and Clinical Immunology*, 142(6): P1974-77. <https://doi.org/10.1016/j.jaci.2018.08.003> (* indicates co-first authorship)
- R. Dhingra**, J.C. Nwanaji-Enwerem, M. Samet, C.K. Ward-Caviness. (2018) Associations between environmental exposures, DNA methylation age, and health outcomes: the roles for epigenetic age in environmental epidemiology. *Current Environmental Health Reports*, 5(3):317-327. doi: 10.1007/s40572-018-0203-2. (invited review)
- J. E. Mirowsky, M.S. Carraway, **R. Dhingra**, H. Tong, L. Neas, D. Diaz-Sanchez, et al. (2017) Ozone exposure is associated with acute changes in inflammation, fibrinolysis, and endothelial cell function in coronary artery disease patients. *Environmental Health*, 16:126.
- S.D. McCullough, **R. Dhingra**, M.C. Fortin, D. Diaz-Sanchez. (2017) Air pollution and the epigenome: A model relationship for exploration of toxicopigenetics. *Current Opinion in Toxicology*, 6: 18-25.
- R. Joehanes^o, A.C. Just^o, R.E. Marion^o, L.C. Pilling^o, L.M. Reynolds^o, P.R. Mandaviya^o, W. Guan^o, T. Xu^o, C.E. Elks^o, S. Aslibekyan^o, H. Moreno-Macias^o, J.A. Smith, J.A. Brody^o, **R. Dhingra**^o, P. Yousefi, J.S. Pankow, S. Kunze, S. Shah et al. (2016) Epigenetic Signatures of Cigarette Smoking. *Circulation: Cardiovascular Genetics*, 9(5):436–47. ^o denotes first authors
- R. Dhingra**, L.A. Darrow, M. Klein, A. Winquist, K. Steenland. (2016) Perfluorooctanoic acid exposure and chronic kidney disease: a longitudinal study in a community cohort. *Environmental Research*, 145:85–92.
- R. Dhingra**, L.A. Darrow, M. Klein, A. Winquist, K. Steenland. (2016) Perfluorooctanoic acid exposure and natural menopause: A longitudinal study in a community cohort. *Environmental Research*, 146:323–30.
- R. Dhingra**, A. Winquist, L.A. Darrow, M. Klein, K. Steenland. (2016) A Study of Reverse Causation: Examining the Associations of Perfluorooctanoic Acid Serum Levels with Two Outcomes. *Environmental Health Perspectives*, 125(3): 416-421.
- M. Ward, **R. Dhingra**, J.V. Remais, H. H. Chang, L.M. Johnston, L. Jaykus, and J. Leon. (2015) Associations between weather and microbial load on fresh produce prior to harvest. *J. of Food Protection*, 78(4):849-54.
- A.M. Riederer, **R. Dhingra**, B.C. Blount, K. Steenland. (2014) Blood trihalomethanes and factors affecting their metabolism in NHANES 1999-2006, *Environmental Health Perspectives*, 122, pp. 695-702.

- J. Wu, **R. Dhingra**, M. Gambhir, J.V. Remais. (2013) Sensitivity analysis of infectious disease models: methods, advances and their application. *J. R. Soc. Interface*, 10 (86), pp. 1-14.
- R. Dhingra**, V. Jimenez, H.H. Chang, M. Gambhir, J.S. Fu, Y. Liu, J. V. Remais. (2013) Spatially-explicit simulation modeling of ecological response to climate change: Methodological considerations in predicting shifting population dynamics of infectious disease vectors. *ISPRS Int. J. of Geo-Inf.*, 2 (3), pp. 645–64.
- A. Lorenz, **R. Dhingra**, H.H. Chang, D. Bisanzio, Y. Liu, J.V. Remais. (2013) Intermodel comparison of the landscape determinants of vector-borne disease: implications for epidemiological and entomological risk modeling. *PLoS One*, 9 (7), e103163.
- R. Dhingra**, E. Christensen, Y. Liu, B. Zhong, C.F. Wu, M.G. Yost, J.V. Remais. (2011) Estimating the climate benefits of a sustainable sanitation technology: greenhouse gas emission reductions from anaerobic digesters in rural China. *Env. Sci. & Tech.*, 45 (6), pp. 2345–2352.

*Published Abstracts**

- K.A. Addo, C. Bulka, **R. Dhingra**, H.P. Santos, L. Smeester, T.M. O'Shea, R.C. Fry. (2019) A Translational Approach to Assess Acetaminophen Effects on the Human Placenta. *Environmental and Molecular Mutagenesis*, 60: 72.
- R. Dhingra**, J Mirowsky, L Kwee, W Kraus, E Hauser, L Neas, R Devlin, C Ward-Caviness, D Diaz-Sanchez, K Olden. (2019) Neighborhood characteristics may impact inflammation-related epigenetic loci in a concerted manner. *Environmental Epidemiology*, 3: 98.
- M. Weisskopf, V. Barry, **R. Dhingra**, D. Savitz, K. Steenland. (2019) Perils of biomarkers of exposure vs. external exposure estimates: Lessons from the mid-Ohio Valley on potential for reverse causality and other biases. *Environmental Epidemiology*, 3: 434-435.
- R. Dhingra**, L. Smeester, J. Rager, W. Vizuete, R.C. Fry, T.A. Manuck. Exposure to Low Levels of Combined Air Pollutants in Both the First and Second Trimester is Associated with Increased Risk of Preterm Birth (PTB) in High-Risk Women in North Carolina. *Reproductive Sciences*, 26: 66A-67A
- R Dhingra, AV Glover, L Chi, K Lu, TA Manuck. (2019) Distinct Cervicovaginal Space Microbiota are Associated with Spontaneous Preterm Birth (SPTB) Women at High-Risk for Prematurity. *Reproductive Sciences*, 26: 231A-231A.

* Some overlap with presentations listed below.

TALKS, REPORTS AND PRESENTATIONS

- R. Dhingra**, J. Mirowsky, L. Kwee, W. Kraus, E. Hauser, L. Neas, R. Devlin, C. Ward-Caviness, D Diaz-Sanchez, K Olden. Neighborhood characteristics may impact inflammation-related epigenetic loci in a concerted manner. Accepted talk at International Society of Environmental Epidemiology 2019, Utrecht, Netherlands.
- M. Weisskopf, V. Barry, **R. Dhingra**, D. Savitz, K. Steenland. Perils of biomarkers of exposure vs. external exposure estimates: Lessons from the mid-Ohio Valley on potential for reverse causality and other biases. Accepted symposium talk at International Society of Environmental Epidemiology 2019, Utrecht, Netherlands.
- K.A. Addo, C. Bulka, **R. Dhingra**, H.P. Santos, L. Smeester, T.M. O'Shea, R.C. Fry. A Translational Approach to Assess Acetaminophen Effects on the Human Placenta. Accepted poster at Environmental and Molecular Mutagenesis Society 50th Annual Meeting 2019, Washington, D.C.
- R. Dhingra**, L. Smeester, J. Rager, W. Vizuete, R.C. Fry, T.A. Manuck. Exposure to Low Levels of Combined Air Pollutants in Both the First and Second Trimester is Associated with Increased Risk of Preterm Birth (PTB) in High-Risk Women in North Carolina. Accepted talk at Society for Reproductive Investigation 2019, Paris, France.

- R. Dhingra**, A.V. Glover, L. Chi, K. Lu, T.A. Manuck. Distinct Cervicovaginal Space Microbiota are Associated with Spontaneous Preterm Birth (SPTB) Women at High-Risk for Prematurity. Accepted Poster at Society for Reproductive Investigation 2019, Paris, France.
- R. Dhingra**, J. Kahle, M. Case, D. Diaz-Sanchez. “Modification of ozone-induced changes in lung function by moderate recent life stress.” Accepted talk at International Society of Environmental Epidemiology 2018, Ottawa, Canada.
- R. Dhingra**. “Good statistical practices in biology: The care and feeding of your biostatistics.” Invited talk at Gordon Research Seminar on Cellular and Molecular Mechanisms of Toxicity; 2017 August 11, Andover, NH.
- R. Dhingra**, A. Winquist, L. Darrow, M. Klein, K. Steenland. “Cross-sectional and longitudinal associations between perfluorooctanoic acid serum levels and two outcomes: a study of reverse causation.” Accepted talk at ISES 25th Annual Meeting; 19 October 2015, Henderson, NV.
- R. Dhingra**, J.V. Remais. “Spatially-explicit simulation of ecological responses to climate change: data assimilation issues in estimating shifting population patterns of the Lyme disease vector, *Ixodes scapularis*, in the presence of environmental change.” Invited talk presented at RCN FORECAST conference; 2012 October 9-11, Woods Hole, MA.
- R. Dhingra**, J. Wu, J.V. Remais. “Spatially explicit measures of seasonality shifts: New methods to provide quantitative estimates of the shift of vector distributions under altered climates with an application to Lyme Disease.” Poster session presented at 61st Annual Meeting of the American Society of Tropical Medicine and Hygiene; 2012 November 11-15, Atlanta, GA.
- J. Wu, **R. Dhingra**, J.V. Remais. “Sensitivity analysis of infectious disease models: methodological advances and their application.” Poster session presented at *NSF/NIH* Ecology and Evolution of Infectious Disease 10th Annual Conference poster session; May 2012, Ann Arbor, MI.
- R. Dhingra**, J.V. Remais. “Spatially explicit measures of population response to seasonality shifts: an application to disease vectors subject to altered climates.” Poster session presented at *NSF/NIH* Ecology and Evolution of Infectious Disease PI Meeting; 2012 March 26, Berkeley, CA.
- R. Dhingra**, J. Mulholland, J. Peel. “Assessment of Atlanta Air Quality during the 1996 Olympics.” Poster session presented at Association of Environmental Engineers and Scientists Symposium; April 2009, Atlanta, GA.
- Workshop Rapporteur, Modeling the Spread and Control of Ebola in W. Africa. Georgia Institute of Technology, January 22-23, 2015. Chair: Joshua S Weitz, Ph.D. Meeting report: <http://dx.doi.org/10.6084/m9.figshare.1301267>

TEACHING AND TUTORING

University of North Carolina, Chapel Hill

- | | |
|--|-------------|
| Instructor, Epidemiology for Envir. Scientists and Engineers, Graduate-level (ENVR601) | Spring 2021 |
| Instructor, Environmental Health Issues, Junior-level course (ENVR230) | Fall 2020 |
| Instructor, Environmental Risk Assessment, Senior-level course (ENVR470) | Spring 2020 |
| Instructor, Epidemiology for Envir. Scientists and Engineers, Graduate-level (ENVR601) | Spring 2020 |
| Co-taught Epidemiology for Environmental Scientists and Engineers (ENVR601) | Spring 2019 |

North Carolina State University

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| Freshman seminar guest lecture, titled “Introduction to Epidemiologic Study Designs” | Spring 2016 |
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Rollins School of Public Health, Emory University

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| Invited yearly lecturer, Advanced Environmental Epidemiology, Graduate level | 2011-2014 |
| Instructor: Dr. Kyle Steenland | |
| Topic: imputation methods for environmental samples; course material I developed remains in use as part of the permanent curriculum. | |
| Teaching associate, Environmental Determinants of Infectious Disease | 2013 |

Instructor: Dr. Justin V. Remais

Teaching assistant in: Hazards I (2009); Introduction to Environmental Health (2010-2011); Global Climate Change: Health Impacts and Response (2011); and Advanced Environmental Epidemiology (2013)

Outdoor Recreation, Georgia Tech

Rock climbing instructor and senior trip leader 2007-2015

University of Texas, Austin—Learning Skills Center

Certified Master Tutor for undergraduates in calculus, algebra, physics, and chemistry. 1999-2004
Trained junior tutors in tutoring skills, student assessment, and technical communications.

STUDENT ADVISING AND MENTORING (* graduation year)

Current

- Lauren A. Eaves (Ph.D.) 2019-present
Member of supervisory committee. Dept.: Environmental Sciences and Engineering Gillings School of Global Public Health, UNC Chapel Hill; Focus: *Exposure to heavy metals via well-water and birth outcomes in North Carolina*. Advisor: Rebecca Fry.
- Zahra Al Hamdani (Ph.D.) 2019-present
Member of supervisory committee. Dept.: Environmental Sciences and Engineering Gillings School of Global Public Health, UNC Chapel Hill; Focus: *Dietary exposure to chemical contaminants*. Advisor: Louise Ball.
- Yunjia Lai (Ph.D.) 2019-present
Member of supervisory committee. Dept: Environmental Sciences and Engineering Gillings School of Global Public Health, UNC Chapel Hill; Focus: *“Modulation of the ‘microbiome-gut-brain axis’ by the environmental neurotoxicants through a multi-omics approach.”* Advisor: Kun Lu.
- Oshauna Morgan (MPH) 2019-present
Faculty mentor. Concentration: Health Equity, Gillings School of Global Public Health, UNC Chapel Hill; Focus: Healthcare and Equity for the Elderly.
- Luke Valmadrid (MPH) 2019-present
Faculty mentor. Concentration: Health Equity, Gillings School of Global Public Health, UNC Chapel Hill; Research Focus: Health and Equity in immigrant communities.
- Vanessa Amankwa (MPH) 2020-present
Faculty mentor. Concentration: Health Equity, Gillings School of Global Public Health, UNC Chapel Hill; Focus: Reproductive justice and race.
- Dhara Patel (MPH) 2020-present
Faculty mentor. Concentration: Health Equity, Gillings School of Global Public Health, UNC Chapel Hill; Research Focus: Health equity in pregnancy.
- Connor Lamontagne (PhD) 2020-present
Member of supervisory committee. Dept.: Environmental Sciences and Engineering Gillings School of Global Public Health, UNC Chapel Hill; Focus: *environmental AMR surveillance*. Advisor: Jill Stewart.
- Tina Samodal (BSPH) 2021-present
Research Mentor. Dept: Environmental Sciences and Engineering Gillings School of Global Public Health. UNC Chapel Hill; Focus: Allostatic load.
- Catalina Cobos-Urbe (BSPH) 2021-present
Rotation Research co-Mentor. Dept: Curriculum for Toxicology and Environmental Medicine, School of Medicine, UNC Chapel Hill; Focus: Bioinformatics for sexual dimorphism in respiratory toxicology.
- Daniella Hercules Alfaro (BSPH) 2020-present
Research Mentor. Dept: Environmental Sciences and Engineering Gillings School of Global Public Health. UNC Chapel Hill; Focus: Bioinformatics for respiratory toxicology.

Graduated or Former

Francie Sentilles (BSPH)	2019-2020
Research advisor and mentor. Dept: Environmental Sciences and Engineering, Gillings School of Global Public Health, UNC Chapel Hill; Research Focus: Epigenetic aging in early life.	
Blythe King (B.S.)	2018-2020*
Research advisor and mentor. Dept: Computer Science, UNC Chapel Hill; Research Focus: Epigenetics of exposure to ambient air pollution. Next position: Admitted to Ph.D. program in Statistics at University of California, Santa Barbara.	
Niharika Palakodety (MSPH)	2019-2020*
Member of supervisory committee. Dept.: Environmental Sciences and Engineering Gillings School of Global Public Health, UNC Chapel Hill; Thesis title: <i>"Effects of Cadmium Exposure on Syncytialization in Relation to Placental Cell Formation and Function."</i> Advisor: Rebecca Fry.	
Ruozang (Tammy) Xu (MSPH)	2019-2020*
Member of supervisory committee. Dept: Environmental Sciences and Engineering Gillings School of Global Public Health, UNC Chapel Hill; Focus: <i>"Modulation of the 'microbiome-gut-brain axis' by the environmental neurotoxicants through a multi-omics approach."</i> Advisor: Jason West.	

LEADERSHIP, SERVICE AND VOLUNTEER WORK

Faculty Mentor for IAPHS Mentorship program	
Monthly career mentorship to advise post-doctoral trainee at University of Minnesota	2019-2020
ESE Centennial Speaker Series	
Organized distinguished speakers for the ESE department's Centennial Celebration	Fall 2020
West Virginia Youth Science Camp	
Led a three-session workshop for high school students, relating ethics to epidemiological study design; Pocahontas County, West Virginia	Summer 2015
Rollins School of Public Health, Emory University	
Recruited students for the Master's and PhD Environmental Health Program	2009-2013
Obtained funding for, researched, and managed a Gender in Science panel event that included a department chair for University of Texas, Austin, and a former NCEH director	2014
Ph.D. department representative for Environmental Health Program	2014-2015
Created & ran monthly manuscript-writing session for Env. Health PhD students	2014- 2015
Outdoor Recreation, Georgia Tech	
Senior Trip Leader and Instructor	2007-2015
Rock climbing Chairperson	2008-2009
Mentor to current leadership	2009-2015
Association of Environmental Engineers and Scientists, Georgia Tech	
President	2008-2009
Annual Symposium Committee Member	Spring 2008
Annual Panel Discussion Committee Member	Fall 2007
Peer Mentor for Undergraduate Environmental Engineers	2008-2009

AWARDS, SCHOLARSHIPS & DISTINCTIONS

EPA's Bronze Award to Epigenetics Working Group	2020
Scholarship to attend the NSF PASI Workshop: QMRA II	2013
Scholarship to present at the RCN FORECAST conference	2012
Scholarship to attend Summer Institute in Statistics and Infectious Disease	2011
NIOSH Pre-Doctoral Training Grant	2009-2011
Nominee, Outstanding Masters Student in Environmental Engineering, Georgia Tech	2009
Outdoor Recreation, Georgia Tech, Endowment Award recipient and expedition group leader	2008

MEMBERSHIPS

Interdisciplinary Association for Population Health Science	<i>2020-present</i>
International Society of Environmental Epidemiology	<i>2018-present</i>
Society for Epidemiological Research	<i>2014-2016</i>
International Society of Exposure Research	<i>2014-2015</i>
American Society of Tropical Medicine and Hygiene	<i>2011-2012</i>
Ecological Society of America	<i>2011</i>
