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## **EDUCATION**

- 2008 Bachelor of Science in Geography and Geosciences  
University of Louisville, Louisville, Kentucky
- 2010 Master of Public Health in Environmental and Occupational Health Sciences  
University of Louisville, Louisville, Kentucky
- 2016 Doctorate of Philosophy in Public Health Sciences  
University of Louisville, Louisville, Kentucky

## **ACADEMIC APPOINTMENTS**

- 2019-Present Assistant Professor, Department of Environmental and Occupational Health,  
University of Louisville School of Public Health and Information Sciences and The  
Christina Lee Brown Envirome Institute, Louisville, Kentucky
- 2018-2019 Research Associate, University of Louisville School of Medicine, Christina Lee Brown  
Envirome Institute, Louisville, Kentucky
- 2016-2018 Research Associate, Division of Cardiovascular Medicine, Department of Medicine,  
University of Louisville School of Medicine, Louisville, Kentucky
- 2015-2016 Graduate Research Assistant, Division of Cardiovascular Medicine, Department of  
Medicine, University of Louisville School of Medicine, Louisville, Kentucky
- 2013-2015 Graduate Research Assistant, Department of Environmental and Occupational Health  
Sciences, University of Louisville School of Public Health and Information Sciences,  
Louisville, Kentucky
- 2011-2013 Research Data Specialist, Part-Time, Division of Cardiovascular Medicine, Department of  
Medicine, University of Louisville School of Medicine

## **OTHER POSITIONS AND EMPLOYMENT**

- 2012-2013 Environmental Health Geographer  
Tetra Tech, Inc.
- 2010-2012 Independent Health Geography Consultant

- 2009-2010 Center for Health Equity Intern  
Louisville Metro Department of Public Health and Wellness
- 2007-2008 Mapping Technician, Part-Time  
The Jefferson County Property Valuation Administrator's Office

## **PROFESSIONAL MEMBERSHIPS AND ACTIVITIES**

### ***Professional Memberships***

- American Heart Association
- American Public Health Association
- Association of American Geographers

## **HONORS AND AWARDS**

- 2008 Jefferson County Property Valuation Administration Certificate of Service
- 2010 Second Place – American Association of Geographers, ESRI Social Media Challenge
- 2011 Second Place – Kentucky GIS conference, Map Gallery Competition
- 2013 Winner - Research!Louisville Best Poster in Research & Practice in Public Health
- 2014 Third Place - Student Achievement Poster Award, American Public Health Association Annual Meeting
- 2014 Winner, Research!Louisville, Public Health Doctoral Student Award
- 2016 Top 10 Submitted Abstract, Environmental Section Student Achievement Poster Award Session, American Public Health Association Annual Meeting
- 2017 Second Place – Research!Louisville, Research Associate Award
- 2018 Alumni Spotlight – University of Louisville School of Public Health and Information Sciences
- 2018-2019 University of Louisville Superfund Research Program Trainee
- 2019 First Place – American Association of Geographers Annual Meeting, Poster Competition for Geography, GIScience, and Health

**TEACHING, COMMITTEE ASSIGNMENTS, AND OTHER SERVICES**

2020	Christina Lee Brown Envirome Institute Clinical Manuscript Publication Committee
2019-Present	Course Instructor, PHEH-301 Public Health and Our Environment
2019-Present	Judge, Research!Louisville Poster Competition
2019	Site Mentor, Student Research Opportunity Program
2018-Present	Site Supervisor, Student Interns and Volunteers, Christina Lee Brown Envirome Institute
2016-2019	Senator, University of Louisville Staff Senate <ul style="list-style-type: none"> <li>• 2016-2018, Staff Help, Assistance and Relief Committee</li> <li>• 2018-2019, Services and Facilities committee</li> <li>• 2018-2019, Representative to the University of Louisville Intellectual Property Committee</li> </ul>
2016-2019	Coach, University of Louisville Women's Ultimate Club
2015-2018	Site Supervisor, Student Interns, University of Louisville Diabetes and Obesity Center
2015-2016	Assistant Coach, University of Louisville Ultimate Club

**PUBLICATIONS**

- DeJarnett, N., Conklin, D.J., Riggs, D.W., Myer, J.A., O'Toole, T.E., Hamzeh, I., Wagner, S., Chugh, A., Ramos, K., Srivastava, S., Higdon, D., Tollerud, D.J., DeFilippis, A., Becher, C., Wyatt, B., McCracken, J., Abplanalp, W., Rai, S.N., Ciszewski, T., Xia, Z., **Yeager, R.**, Prabhu, S.D., Bhatnagar, A. Acrolein exposure is associated with increased cardiovascular disease risk. *J. Amer. Heart Assoc.* 114.000934, 2014. PMID: PMC4310380
- DeJarnett, N., **Yeager, R.**, Conklin, D.J., Lee Jongmin, O'Toole, T.E., McCracken, J., Abplanalp, W., Srivastava, S., Riggs, D.W., Hamzeh, I., Wagner, S., Chugh, A., DeFilippis, A., Ciszewski, T., Wyatt, B., Becher, C., Higdon, D., Ramos, K., Tollerud, D.J., Myers, J.A., Rai, S.N., Shah, J., Zafar, N., Krishnasamy S.S., Prabhu, S.D., Bhatnagar, A. Residential proximity to major roadways is associated with increased levels of AC133<sup>+</sup> circulating angiogenic cells. *Arterioscl Thromb Vasc Biol* 35: 2468-2477, 2015. PMID: PMC4862408
- Shaffer L., Brothers K., Burkhead T., **Yeager R.**, Myers J., Sweeney, B. Factors Associated with

Attendance after Referral to a Pediatric Weight Management Program. *J Pediatr.* 172:35-9, 2016. PMID: PMC26947949

4. Riggs, D.W., **Yeager, R.**, Bhatnagar, A. Defining the Human Envirome: An Omics Approach for Assessing the Environmental Risk of Cardiovascular Disease. *Circ. Res.* 122(9):1259-1275, 2018. PMID: PMC29700071
5. **Yeager, R.**, Riggs, D.W., DeJarnett, N., Tollerud, D., Wilson, J., Conklin, D., E. O'Toole, T., McCracken, J., Lorkiewicz, P., Xie, Z., Zafar, N., Krishnasamy S., Srivastava, S., Finch, J., Keith, R., DeFilippis, A., Rai, S., Liu, G., Bhatnagar, A. Association between residential greenness and cardiovascular disease risk. *J Am Heart Assoc.* 18;7(24):e009117, 2018. PMID: PMC30561265
6. Riggs, D. W., Zafar, N., **Yeager, R.**, Krishnasamy, S., Rai, S., Bhatnagar, A., O'Toole, T. Associations between Ambient Particulate Matter (PM2.5), Endothelial Dysfunction and Inflammation. *Environmental Epidemiology.* In Press.
7. **Yeager, R.**, Smith, T., Bhatnagar, A. Green Environments and Cardiovascular Health. *Trends Cardiovasc Med.* In Press.
8. **Yeager, R.**, Riggs, D.W., DeJarnett, N., Srivastava, Sh., Lorkiewicz, P., Xie, Z., Krivokhizhina, T., Keith, R., Srivastava, Sa., Browning, M., Zafar, N., Krishnasamy S, DeFilippis, A., Turner, J., Rai, S., Bhatnagar, A. Association between residential greenness and exposure to volatile organic compounds. *Science of the Total Environment.* In Press.

### ***Manuscripts in Preparation***

1. **Yeager, R.**, Riggs, D.W., Liu, Wilson, J., DeJarnett, N., Keith. R., Conklin, D., Srivastava, S., O'toole, T., Defilippis, A., Rai, S., Bhatnagar, A. Residential Proximity to Green Vegetation is Negatively Associated with Exposure to Volatile Organic Compounds.
2. **Yeager, R.**, Keith, R., Riggs, D.W., Conklin, D., Hart, J., Walker, K., Srivastava, S., Rai, S., Bhatnagar, A. The Green Heart Study: Objectives and Design.
3. **Yeager, R.**, Riggs, D.W., Rai, S., Liu, G., Wilson, J., Bhatnagar, A. Neighborhood Greenness Associated with Cardiovascular Disease Hospital Admissions.
1. Riggs, D.W., **Yeager, R.**, DeJarnett, N., Keith, R., Conklin, D., Srivastava, S., O'toole, T., Hamzeh, I., Wagner, S., Chugh, A., Defilippis, A., Rai, S., Prabhu, S., Bhatnagar, A. Associations between Ozone and Arterial Stiffness, SEVR, and Central Hemodynamics in the Louisville Healthy Heart Study. *Environ Health.*
4. Riggs, D.W., Zafar, N., **Yeager, R.**, McCracken, J., Abplanalp, W., Conklin, D., O'Toole, T., Krishnasamy, S., Rai, S., Bhatnagar, A. Endothelial Dysfunction and Inflammation Associated with Particulate Matter.
5. Riggs, D,W., Lorkiewicz, P., Zhengzhi, X., Krivokhizhina, T., Finch, J., Abplanalp, W., O'Toole, T.,

McCracken, J., Conklin, D., **Yeager, R.**, DeJarnett, N., DeFilippis, A., Zafar, N., Krishnasamy, SS., Rai, SN., Bhatnagar, A., Srivastava, S. Associations between Environmental Exposure to Volatile Organic Compounds and Circulating Angiogenic Cells. Target Journal: Environ Health Perspect

## ABSTRACTS

1. **Yeager, R.** "Using Interpolation for Valuation of Vacant Residential Land", Annual Meeting of the Association of American Geographers, Boston, MA, 2008.
2. **Yeager, R.**, Hanchette, C. "A Geographic Analysis of Bone Cancers in Fluoridated areas", Annual Meeting of the American Public Health Association, Philadelphia, PA, 2009.
3. **Yeager, R.**, Tollerud, D. "A Geographic Analysis of Access to Healthy Foods", Annual Conference of the Kentucky Public Health Association, Louisville, KY, 2010.
4. **Yeager, R.**, Tollerud, D. "A Geographic Analysis of Access to Healthy Foods", Annual Meeting of the Association of American Geographers, Washington, DC, 2010.
5. **Yeager, R.**, DeJarnett, N., Bhatnagar, A. "Assessing Markers of Pollution from Exposure to Vehicle-Based Air Pollution", Kentucky GIS conference", Louisville, KY, 2012.
6. **Yeager, R.**, DeJarnett, N., Conklin, D., Tollerud, D., Abplanalp, W., E. O'Toole, T., Myers, J., Ramos, K., Lee, J., McCracken, J., Srivastava, S., Hamzeh, I., Wager, S., Chugh, A., Defilippis, A., Becher, C., Higdon, D., Wyatt, N., Ciszewski, T., Riggds, D., Bhatnagar, A. "Levels of Early Circulating Angiogenic Cells Associated with Geographic Metrics of Roadway Exposure", Research!Louisville, Louisville, KY, 2013.
7. **Yeager, R.**, DeJarnett, N., Conklin, D., Tollerud, D., Abplanalp, W., E. O'Toole, T., Myers, J., Ramos, K., Lee, J., McCracken, J., Srivastava, S., Hamzeh, I., Wager, S., Chugh, A., Defilippis, A., Becher, C., Higdon, D., Wyatt, N., Ciszewski, T., Riggds, D., Bhatnagar, A. "Levels of Early Circulating Angiogenic Cells Associated with Geographic Metrics of Roadway Exposure", Annual Meeting of Ohio Valley Society of Toxicology, Louisville, KY, 2013.
8. **Yeager, R.**, DeJarnett, N., Conklin, D., Tollerud, D., Abplanalp, W., E. O'Toole, T., Myers, J., Ramos, K., Lee, J., McCracken, J., Srivastava, S., Hamzeh, I., Wager, S., Chugh, A., Defilippis, A., Becher, C., Higdon, D., Wyatt, N., Ciszewski, T., Riggds, D., Bhatnagar, A. "Levels of Early Circulating Angiogenic Cells Associated with Geographic Metrics of Roadway Exposure", Annual Meeting of the American Public Health Association, New Orleans, LA, 2014.
9. **Yeager, R.**, Shaffer L., Brothers K., Burkhead T., Myers J., Sweeney, B. "Geographic Disparities of Pediatric Obesity Clinic Attendance", Research!Louisville, Louisville, KY, 2014.
10. **Yeager, R.**, DeJarnett, N., Tollerud, D., Conklin, D., E. O'Toole, T., McCracken, J., Xie, Z., Zafar, N., Srivastava, S., Rai, S., Bhatnagar, A. "Levels of Early Circulating Angiogenic Cells Associated with Geographic Metrics of Roadway Exposure", Kentucky GIS Conference, Louisville, KY, 2014.
11. **Yeager, R.**, Riggs, D.W., Rai, S., Liu, G., Wilson, J., Bhatnagar, A. "Residential Exposure to

- Vegetation Correlated with Hospital CVD Admission Rates”, Research!Louisville, Louisville, KY, 2015.
12. **Yeager, R.**, Shaffer L., Brothers K., Burkhead T., Myers J., Sweeney, B. “Geographic Disparities of Pediatric Obesity Clinic”, Annual Meeting of the American Public Health Association, Chicago, IL, 2015.
  13. **Yeager, R.**, Riggs, D.W., Rai, S., Bhatnagar, A. “Environmental Greenness and CVD Among United States Ecoregions”, Research!Louisville, Louisville, KY, 2016.
  14. **Yeager, R.**, Riggs, D.W., Rai, S., Liu, G., Wilson, J., Tollerud, D., Rai, S., Bhatnagar, A., “Vegetation Density Associated with Hospital CVD Admission Rates”, Annual Meeting of the American Public Health Association, Denver, CO, 2016.
  15. **Yeager, R.**, Bhatnagar, A. “Planting Healthier Air: The Green Heart Study”, Annual Meeting of the American Public Health Association, Denver, CO, 2016.
  16. **Yeager, R.**, Riggs, D.W., Liu, Wilson, J., DeJarnett, N., Keith. R., Conklin, D., Srivastava, S., O’toole, T., Defilippis, A., Rai, S., Bhatnagar, A. “Residential Proximity to Green Vegetation is Negatively Associated with Exposure to Volatile Organic Compounds”, Research!Louisville, Louisville, KY, 2017.
  17. **Yeager, R.**, Riggs, D.W., Liu, Wilson, J., DeJarnett, N., Keith. R., Conklin, D., Srivastava, S., O’toole, T., Defilippis, A., Rai, S., Bhatnagar, A. “Residential Proximity to Green Vegetation is Negatively Associated with Exposure to Volatile Organic Compounds”, Superfund Research Program Annual Meeting, Philadelphia, PA, 2017.
  18. **Yeager, R.**, Riggs, D.W., Liu, Wilson, J., DeJarnett, N., Keith. R., Conklin, D., Lorkiewicz, P., Xie, Z., Srivastava, S., Keith, R., Bhatnagar, A. “Residential Proximity to Green Vegetation is Negatively Associated with Exposure to Volatile Organic Compounds”, Annual Meeting of the Society of Toxicology, San Antonio, TX, 2018.
  19. **Yeager, R.**, Riggs, D.W., DeJarnett, N., Tollerud, D., Wilson, J., E. O’Toole, T., McCracken, J., Lorkiewicz, P., Xie, Z., Zafar, N., Krishnasamy S., Srivastava, S., Finch, J., Keith, R., DeFilippis, A., Rai, S., Liu, G., Conklin, D., Bhatnagar, A. “Association between residential greenness and cardiovascular disease risk”, Annual Meeting of the American Public Health Association, San Diego, CA, 2018.
  20. **Yeager, R.**, Riggs, D.W., Liu, Wilson, J., DeJarnett, N., Keith. R., Conklin, D., Lorkiewicz, P., Xie, Z., Srivastava, S., Keith, R., Bhatnagar, A. “Association between exposure to volatile organic compounds and streetscape tree canopy”, Annual Meeting of the American Association of Geographers, Washington, DC, 2019.

### **Other Presentations**

- 2011            Featured Speaker, Louisville Sustainability Forum  
*Disparities of Access and Sustainability*
- 2013-2016      Oral Presentations, Environmental and Occupational Health Seminar Series  
(Regular Presenter)
- 2016            Green Heart Project Annual Scientific Meeting  
*The Green Heart Project: Essential Background and Scientific Agenda*
- 2017            Oral Presentation and Chair, Green Heart Project Annual Scientific Meeting  
*The Green Heart Project: Essential Background and Scientific Agenda*
- 2018            Webinar, United States Forest Service Urban Forest Connections Webinar Series  
*The Green Heart Project: Studying the impact of trees and green space on cardiovascular health*
- 2013-2018      Oral Presentations, Diabetes and Obesity Center Post-Doctoral Seminar Series  
(Regular Presenter)
- 2019            Congress for the New Urbanism 27. *The Science of Greenness.*
- 2020            Trees Atlanta Canopy Conference. *Green Heart Project: Prescribing Trees for Health*

## TRAINING AND CERTIFICATIONS

- 2008-present    Laboratory Training
- *HIPAA Privacy, Privacy and Research Fundamentals, Security Fundamentals*
  - *CITI Human Subjects Biomedical Training*
- 2009            Cooper/Clayton Smoking Cessation Facilitator Training
- 2010            CASPER Emergency Response Survey Training
- 2012            OSHA 40-hour Hazwoper Training and Certification
- 2012            Federal Emergency Management Agency, Emergency Management Institute
- *Introduction to Incident Command System (ICS-100)*
  - *ICS for Single Resources and Initial Action Incident (ICS-200)*
  - *National Incident Management System (NIMS) An Introduction (IS-00700.a)*
  - *National Response Framework, An Introduction (IS-00800.b)*
  - *Emergency Management Preparedness Fundamentals (IS-00910)*
  - *Applications of GIS for Emergency Management (IS-00922)*
- 2013-present    Laboratory and Clinical Training
- *Radiation Safety Annual Training for Personnel Working in Labs*

- *Level II Animal Training*
- *NIH Recombinant DNA*
- *Bloodborne Pathogens*
- *Conflict of Interest*
- *Good Clinical Practice – Social and Behavioral Research Best Practices for Clinical Research*
- *Good Clinical Practice Course for Clinical Trials Involving Investigational Medical Devices (international focus)*
- *Good Clinical Practice for Clinical Trials with Investigational Drugs and Biologics (ICH Focus)*
- *Good Clinical Practice for Clinical Trials with Investigational Drugs and Medical Devices (U.S. FDA Focus)*
- *HIPAA Privacy - Clinical Care providers and Support Staff*
- *HIPAA Privacy - Covered Component Workforce Members with Access to PHI*
- *Human Subjects and HIPAA Research*
- *RCR Basic Course*