

Vijay Golla, MBBS, PhD, MPH

Curriculum Vitae

PRESENT POSITION

Associate Professor & Director (San Antonio Campus)
Department of Environmental and Occupational Health
School of Public Health
Texas A&M University
212 Adriance Lab Rd
College Station, Texas 77843

OFFICE ADDRESS

Central Academic Building | Suite 345
One University Way, San Antonio, Texas 78224
Email: vijay.golla@tamu.edu

EDUCATION

PhD: Occupational and Environmental Health College of Public Health The University of Iowa, Iowa City, Iowa	2007
MPH: Master of Public Health College of Health and Human Services Western Kentucky University, Bowling Green, Kentucky	2003
MBBS: Bachelor of Medicine/Bachelor of Surgery Andhra Medical College, N.T.R. University of Health Sciences King George Hospital, Visakhapatnam, India	2001

PROFESSIONAL DEVELOPMENT

Management Development Program (MDP) Graduate School of Education Harvard University, Cambridge, Massachusetts	2019
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EMPLOYMENT HISTORY

Associate Professor

2025 to Present

Department of Environmental and Occupational Health
School of Public Health
Texas A&M University
College Station, Texas 77843

Professor & Vice Provost

2019 to 2025

Department of Health and Behavioral Sciences
College of Arts and Sciences
Texas A&M University-San Antonio
San Antonio, Texas 78224

Professor (Adjunct)

2022 to Present

Department of Primary Care and Rural Medicine
School of Medicine
Texas A&M University
College Station, Texas 77843

Professor & Associate Dean

2018 to 2019

Department of Public Health
College of Health and Human Services
Western Kentucky University
Bowling Green, Kentucky 42101

Graduate Program Director

2015

Environmental and Occupational Health Science
Department of Public Health
Western Kentucky University
Bowling Green, Kentucky 42101

Associate Professor

2011 to 2018

Department of Public Health
College of Health and Human Services
Western Kentucky University
Bowling Green, Kentucky 42101

Assistant Professor

2006 to 2011

Department of Public Health
College of Health and Human Services
Western Kentucky University
Bowling Green, Kentucky 42101

FACULTY AND ADMINISTRATIVE LEADERSHIP APPOINTMENTS

Strategic and Institutional Planning

- Chief Research Officer, Texas A&M-SA, 2019-Present
- Research Compliance Officer, Texas A&M-SA, 2019-Present
- Member, Texas A&M-SA Provost's Cabinet, 2019-Present
- Member, Texas A&M Academic Council, 2019 – Present
- Member, Texas A&M Council of Inventors
- Chair, Texas A&M-SA Health Initiatives Advisory Committee, 2022-Present
- Project Administrator, Texas A&M-SA Chancellor's Research Initiative (CRI) in Cyber Security, 2020 to Present
- Member, Texas A&M-SA "Return to Campus" Post-COVID-19 University Committee, 2020 to 2022
- Member (Ex-Officio), Texas A&M-SA Graduate Council, 2019-2023
- Member, Texas A&M-SA Space Planning Advisory Committee, 2022-Present
- Chair, WKU CHHS Graduate Assistantships Allocation Committee, 2018 - 2019
- Member, WKU Space Allocation and Deferred Maintenance Committee, 2018 - 2019
- Member (WKU Representative), University of Kentucky College of Medicine-Bowling Green Campus Joint Executive Oversight Committee, 2019
- Member, WKU Strategic Planning Steering Committee, 2017 – 2018
- Member, WKU Benefits Committee, 2011 – 2019
- CHHS Representative, WKU Space Committee, 2015- 2018
- Faculty Representative, WKU University Academic Complaints Committee, 2010-2012
- Faculty Representative for WKU CHHS, University Ad Hoc Committee on Credits and Graduation, 2010
- Member, WKU CHHS Administrative Council, 2015-2019
- Chair, WKU CHHS Tenure and Promotion Revision Committee, 2015-2017
- Member, WKU CHHS Workload/ Overload Committee, 2015-2017
- Member, WKU CHHS Instructional Expectations and Workload Credit Committee, 2015-2017
- Member, WKU CHHS Strategic Planning Sub-Committee (Research), 2016-2017
- Member, WKU CHHS Dean's Advisory Committee, 2010-2012

Accreditation and Program Review: Curriculum and Academic Planning

- Faculty Member, WKU Bachelor of Science in Public Health (BSPH) and Master of Public Health (MPH) Programs' Council on Education for Public Health (CEPH) Accreditation, 2006-2019
- Faculty Member, WKU Master of Science (MS) in Environmental and Occupational Health Science Programs' National Environmental Health Science and Protection Accreditation Council (EHAC) Accreditation, 2018-2019
- Member, WKU Public Health Program Assessment Committee, 2013 – 2015
- Alternate Member, WKU CHHS College Graduate Curriculum Committee, 2013
- Alternate Member, WKU University Graduate Curriculum Committee, 2012
- Member, WKU MPH Program Curriculum, Culminating Experience, and Student Orientation Program Committees, 2006 - 2013
- Member, WKU Environmental Health Science (EHS) Program Committee, 2006 2019
- Faculty Co-Advisor, WKU Environmental Health Science Student Association, 2006 - 2015

Academic Program Development/ Revision

- Faculty Member, Texas A&M-SA Bachelor of Science (B.S) in Community Health— Program revised and relaunched in 2023
- Faculty Member, WKU B.S in Environmental Health Science --Program revised in 2017
- Faculty Member, WKU Undergraduate Certificate in Occupational Safety and Health – Program created in 2008
- Faculty Member, WKU Graduate Certificate in Environmental Health and Safety – Program created in 2009, and subsequently revised in 2017
- Faculty Member, WKU Master of Public Health (MPH) – Program revised in 2016
- Program Director and Faculty Member, WKU Master of Science (M.S) in Environmental and Occupational Health Science -- Approved by Kentucky Council on Postsecondary Education, November 2014; Program revised in 2017

Research Planning:

- Program Administrator, Texas A&M-SA Research Council Grants Program, 2019 – Present
- Member, WKU Research and Creative Activities Council, 2015 - 2019
- Grant Reviewer, WKU Research and Creative Activities Program, 2015- 2017
- WKU Research and Creative Activities (RCAP) Program Review Committee, 2015-2016
- Chair, WKU CHHS Research Committee, 2015-2019
- Member, WKU CHHS College Research Committee, 2011-2013

Search Committees:

- Chair, Search Committee for Texas A&M-SA Dean of Graduate Studies, 2023
- Member, Search Committee for Texas A&M-SA Program Coordinator position in Community Health, 2023
- Member, Search Committee for Texas A&M-SA faculty position in Community Health, 2023
- Hiring Official, Texas A&M-SA Graduate Recruitment Coordinator, 2023
- Hiring Official, Hiring Official, Texas A&M-SA Director of International Affairs, 2023
- Hiring Official, Texas A&M-SA Research Compliance Administrator, 2023
- Hiring Official, Texas A&M-SA Research Compliance Coordinator, 2022
- Hiring Official, Texas A&M-SA Director of Research Compliance, 2021
- Hiring Official, Texas A&M-SA Graduate Admissions and Records Coordinator, 2021
- Co-Chair, Search Committee for Texas A&M-SA Dean of the College of Arts and Sciences, 2020
- Member, Search Committee for Texas A&M-SA Vice President for Business Affairs, 2020
- Hiring Official, Texas A&M-SA Research Compliance Administrator, 2020
- Hiring Official, Texas A&M-SA Assistant Manager, Environmental Health and Safety, 2020
- Hiring Official, Texas A&M-SA Research Assistant Professor of Public Health, 2020
- Member, Search Committee for WKU Associate Provost for Research and Creative Activity, 2016
- Member, WKU CHHS IT Consultant Search Committee, 2016-2017

- Chair, WKU CHHS Grant Accounts Specialist Search Committee, 2016
- Member, WKU CHHS Dean Search Committee, 2013-2014
- Member, Search Committee for WKU University Employee Wellness Manager, 2011
- Member, Search Committee for WKU DPH Department Head, 2007
- Member, Search Committee for WKU DPH Faculty position in Environmental Health, 2013 - 2015
- Member, Search Committee for WKU DPH Faculty position in Epidemiology, 2012

Reviewer:

- Abstract Reviewer, American Public Health Association 2021 – Present
- Journal Reviewer, Annals of Work Exposures and Health 2016 – 2019
- Journal Reviewer, International Journal of Environmental Research and Public Health 2016 – 2019
- Grant Reviewer, Centers for Disease Control and Prevention (CDC)/ National Institute for Occupational Safety and Health (NIOSH) 2019 – Present
- Grant Reviewer, U.S. Department of Homeland Security (DHS) COVID-19 FRAC Rapid Response Review 2020
- Grant Reviewer, Pilot Research Program, CDC/ NIOSH Education and Research Center (ERC), University of Texas Health Science Center at Houston 2019
- Member and Grant Reviewer, Pilot Research Project Training Program (PRP), CDC/ NIOSH Education and Research Center (ERC), University of Cincinnati 2010 –2019

Other:

- President, Association of Texas Graduate Schools 2022-2023
- External Advisory Board Member, Central Appalachian Regional Education and Research Center, University of Kentucky, Lexington, Kentucky 2017 – 2020
- Member, Kentucky Environmental Public Health Tracking Network (KYEPHTN), Kentucky Department for Public Health, Frankfort, Kentucky 2010 – 2014
- Member, Health Impact Assessment Steering Committee, Green River District Health Department, Owensboro, Kentucky 2010 –2012

- Corresponding Member, NORA (National Occupational Research Agenda) Agriculture, Forestry and Fishing Sector Council, Washington DC 2007- 2019

CONTRIBUTIONS TO SCIENCE

1. Humans have been exposed to aerosols in occupational settings since antiquity. The causation of dust-induced respiratory diseases in agriculture sparked a great interest in studying the properties and methods to better sample and measure dust concentrations and exposures in workplaces. Hundreds of thousands of farmers and farm workers are at risk for occupational lung disease from enclosed swine, poultry, and dairy operations. The various components of the CAFO (Confined Animal Feeding Operation) particulate matter like feed dust, mammalian cell debris, aeroallergens, and bioaerosols play a major role in the biological processes that take place in the lungs after exposure. The uses and collection capabilities of personal aerosol samplers have contributed to sampling, measurement, and control of dust exposures in occupational environments. This body of work presents my efforts in studying farm workers exposures to dust and endotoxins in CAFOs and the principles of exposure assessment to dust and aerosols in occupational settings.
2. Worksite health promotion programs, if accessible and comprehensive, have the potential to improve the health status of the working population, including their families. Very little information on the availability and effectiveness of health promotion programs at worksites was available. I have been part of the efforts to study worksite health promotion and wellness programs and conduct a state-wide assessment in Kentucky to identify the number of comprehensive programs and better understand the occupational health needs of worksites in Kentucky. The Centers for Disease Control and Prevention's National Institute for Occupational Safety and Health's (CDC/NIOSH) Total Worker Health® (TWH) program is the strategic coordination of policies, programs, and practices that integrate health promotion and health protection to promote workers' well-being in the workplace. The TWH concept addresses health issues that affect workers at both home and work. By assessing the concepts of TWH, as well as the quality of the concepts offered related to occupational safety and health, gaps may be identified and interventions developed and implemented to improve the overall health of workers.
3. Pesticides (herbicides, insecticides, fungicides etc.) have been used by farmers for ages to control the loss of produce due to insects, pests, and weeds. Cheap and effective, Atrazine is one of the most widely used herbicides in the world, commonly sprayed on corn, sorghum, sugarcane, and wheat to prevent and kill annual and broad-leaf weeds. The United States produces more corn than any other crop, which means that both supply and demand are so high that farmers spend a considerable amount of their time and earnings on pesticides. Fears of the effects of atrazine include low birth weight, birth defects, menstrual problems, and carcinogenic properties. I have been involved in exposure assessment and health outcomes studies involving pesticide exposures through drinking water, dermal absorption, and inhalation. This body of work represents studies that were conducted on farm families' and rural residents exposures to the herbicide Atrazine in Kentucky and Iowa. These studies revealed that neither time nor season made much

difference in the levels of Atrazine detected in dust and urine samples from farming households indicating the persistence of the pesticide over time. Studies on drinking water sources in revealed that Atrazine levels were also much higher in water from community sources than in water from private sources and that a relationship indeed exists between even relatively low levels of atrazine in drinking water and preterm births.

4. Transportation of hazmats occurs on a daily basis across the United States, by various means, including air, highway, railroad, and water. Estimates of hazardous material shipments by the Department of Transportation's (DOT) Office of Hazardous Materials Safety indicate that 1.4 million shipments occur on an average daily basis within the United States. I have been part of studies conducted to determine if a county-based analysis of hazardous materials commodity flow data could offer valuable information about the routes and counties in which hazardous materials are being transported. A comparison of the observations made in these studies was completed along with a risk analysis that compared the number of hazmat incidents in the studied counties and incorporated Computer-Aided Management of Emergency Operations (CAMEO) system to look at the occurrence of a potential incident involving hazardous materials.

PUBLICATIONS AND SCHOLARLY CONTRIBUTIONS

Peer-Reviewed Publications

(Underlined names represent student mentees.)

1. Taylor, R; Macy, G.; Hwang, J.; **Golla, V.**; Cann, C.; Sanyang, E. Using Collaborative Partnerships to Engage Firefighters in Rural Communities. *Int. J. Environ. Res. Public Health* 2022, 19, 2009. <https://doi.org/10.3390/ijerph19042009>
2. Macy, G.; Basham, J.; Watkins, C.; **Golla, V.** Workplace Health in Kentucky: A Statewide Comparison. *Int. J. Environ. Res. Public Health* 2021, 18, 5473. <https://doi.org/10.3390/ijerph18105473>
3. Gretchen B. Macy, EdD, MS, MPH, Jooyeon Hwang, PhD, Ritchie Taylor, PhD, **Vijay Golla, PhD, MPH, MBBS**, Charles Cann, MPH, and Brittney Gates, MHA. Examining Behaviors Related to Retirement, Cleaning and Storage of Turnout Gear Among Rural Firefighters. *Workplace Health & Safety*. Vol. 68 No. 3, March 2020. [doi:https://doi.org/10.1177/2165079919882951](https://doi.org/10.1177/2165079919882951)
4. Mishra S, McClure LA, **Golla V**, Guddattu V, Lungu C, Sathiakumar N. Relationship between diabetes mellitus and indoor air pollution: An exploratory analysis. *Int. J Non-Commun. Dis.* 2020; 5:165-70
5. Hwang, J., **Golla, V.**, Thorne, P., Metwali, N. 2019. Inhalable and Respirable Particulate and Endotoxin Exposures in Kentucky Equine Farms. *Journal of Agromedicine*. <https://doi.org/10.1080/1059924X.2019.1656128>

6. Aditya Stanam, **Vijay Golla**, Shradha J. Vasa, Ritchie D. Taylor. Exposure to Computer work and Prevalence of Musculoskeletal Symptoms Among University Employees: A Cross-Sectional Study. *Journal of Environmental Health*. Vol.81, No. 7, March 2019.
7. Jooyeon Hwang, Ritchie Taylor, Charles Mac Cann, **Vijay Golla**, Weylin Gilbert. 2019. Assessment of ambient air diesel particulates in fire departments using different exposure metrics: Pilot study. *Fire Safety Journal* 106 (2019) 155–162.
<https://doi.org/10.1016/j.firesaf.2019.04.005>
8. Jooyeon Hwang, Ritchie Taylor, Gretchen Macy, Charles Mac Cann, **Vijay Golla**. Comparison of Use, Storage, and Cleaning Practices for Personal Protective Equipment Between Career and Volunteer Firefighters in Northwestern Kentucky in the U.S. *Journal of Environmental Health*. Vol. 82, No. 5, December 2019.
9. J. Hwang, R. Taylor, C. Cann, P. Norris, and **V. Golla**. 2018. Evaluation of accumulated polycyclic aromatic hydrocarbons and asbestiform fibers on firefighter vehicles: Pilot Study. *Fire Technology*. March 2019.<https://doi.org/10.1007/s10694-019-00851-7>.
10. Cecilia Watkins, Gretchen Macy, **Vijay Golla**, Grace Lartey, Jacqueline Basham. The "Total Worker Health" Concept: A Case Study in a Rural Workplace," *Journal of Occupational and Environmental Medicine*. Vol. 60, No. 5, May 2018.
11. Macy G, Watkins C, Lartey G, **Golla V**. Depression Screening, Education, and Treatment at the Workplace: A Pilot Study Utilizing the CDC Health Scorecard. *Journal of Workplace Behavioral Health*. February 2017.
12. Jonathan Suhl, **Vijay Golla**, Jessica Rinsky, and Claudia Hopenhayn. Atrazine in Kentucky Drinking Water: Inter-Method Comparison of U.S. EPA Analytical Methods 507 and 508.1. *Journal of Environmental Health*. Volume# 79.5, Page # E1-E6. December 2016.
13. Cecilia Watkins, Gretchen Macy, Grace Lartey, **Vijay Golla**. Kentucky Worksite Health Promotion 2014 Survey Results. *International Journal of Workplace Health Management*. Vol 9, No. 4, pp.398-410, 2016.
14. **Vijay Golla**, Brian Curwin, Wayne Sanderson, and Marcia Nishioka, "Pesticide Concentrations in Vacuum Dust from Farm Homes: Variation between Planting and Nonplanting Seasons," *ISRN Public Health*, vol. 2012, Article ID 539397, 10 pages, 2012.
<https://doi.org/10.5402/2012/539397>.
15. Jessica L. Rinsky, MPH; Claudia Hopenhayn, MPH, PhD; **Vijay Golla, PhD, MPH**; Steve Browning, PhD and Heather M. Bush, PhD: Atrazine Exposure in Public Drinking Water and Preterm Birth. *Public Health Reports*, 127(1):72-80. January 2012.
16. **Vijay Golla**, Jerrod Nelms, Ritchie Taylor, Sandeep Mishra. Pesticide Concentrations in Drinking Water from Farm Homes: Variation between Community Water Supply and Well-Water. *Journal of Environmental Science and Engineering*. 5:453-459. August 2011.

17. Stephen J. Reynolds, Jason Nakatsu, Marvin Tillery, Thomas Keefe, John Mehaffy, Peter S. Thorne, Kelley Donham, Matthew Nonnenmann, **Vijay Golla**, Patrick O'Shaughnessy. Field and Wind Tunnel Comparison of Four Aerosol Samplers Using Agricultural Dusts. *Annals of Occupational Hygiene* 2009; doi: 10.1093/annhyg/mep021.
18. Cecilia M. Watkins, Grace K. Lartey, **Vijay Golla**, Jagdish Khubchandani. Worker's Perception: Environmental Factors Influencing Obesity at the Workplace. *American Journal of Health Studies*, 23 (2):74-80 2008.
19. Patrick T. O'Shaughnessy, Julie Lo, **Vijay Golla**, Jason Nakatsu, Marvin I. Tillery, and Stephen Reynolds. Correction of Sampler-to-Sampler Comparisons Based on Aerosol Size Distribution. *Journal of Occupational and Environmental Hygiene*, 4: 237–245, April 2007.
20. Taylor R.D, Dickson K.L, and **Golla V**. Drought Induced Dissolved Oxygen Dynamics of an Effluent Dominated Stream Entering a Reservoir Backwater and Implications for Environmental Compliance. *Environmental Informatics Archives*, 4: 408-418, April 2006.
21. **Golla V**, Heitbrink W. Control Technology for Crystalline Silica Exposures in Construction: Wet Abrasive Blasting. *Journal of Occupational and Environmental Hygiene*, 1: D26-D32, March 2004.

Under Review

- Gretchen Macy, Katrina Burch, Jacqueline Basham, **Vijay Golla**, Ritchie Taylor, Edrisa Sanyang, Cecilia Watkins. Mixed Methods Assessment of Training Needs Among Occupational Safety and Health Professionals.
- R. Taylor, **V. Golla**, and J. Basham. A Comparison of Hazardous Materials Commodity Flow across the Urban to Rural Gradient in Five Kentucky Counties. *Journal of Environmental Health*. (Paper #: 2017-JEH-067).

In Preparation

- Aditya Stanam, **Vijay Golla**, Krishna Patel, Bryan Bayles, Colin Farrell. "Distribution and Determinants of Telemedical Care Usage in California.
- Bayles B, **Golla, V**, Ochoa, L, Negley C. Nontraumatic Amputations in Texas; Trends and Risk Factors. *Diabetes Care*.

TECHNICAL PUBLICATIONS

(Underlined names represent student mentees.)

22. Gretchen Macy, Jacqueline Basham, Katrina Burch, **Vijay Golla**, Ritchie Taylor, Edrisa Sanyang, and Cecilia Watkins, "Assessment of Training Needs Among Occupational Safety and Health Professionals in Kentucky", August 2023.

23. Bayles B & **Golla V** “Program Evaluation for the Healthy Neighborhoods Program.” (63 pp final report). San Antonio Metropolitan Health District. September 2021.
24. Taylor, R., Basham, J., & **Golla, V**, “Pike County, Kentucky Hazardous Materials Commodity Flow Analysis: Final Report”, September 2018.
25. Taylor, Ritchie D.; Brown, Jacqueline; **Golla, Vijay**, "Oldham County, Kentucky Hazardous Material Commodity Flow Study: Final Report", August 2017.
26. Taylor, Ritchie D.; **Golla, Vijay**; Brown, Jacqueline, "Shelby County Hazardous Material Commodity Flow Study: Final Report", August 2015.
27. **Golla, Vijay**; Taylor, Ritchie D.; Brown, Jacqueline; and Danny Blevins, "Rowan County Hazardous Material Commodity Flow Study: Final Report", August 2014.
28. Taylor, Ritchie D.; **Golla, Vijay**; Brown, Jacqueline; and Wesley Delk, "Montgomery County Hazardous Material Commodity Flow Study: Final Report", August 2014.
29. **Golla, Vijay**; Taylor, Ritchie D.; Brown, Jacqueline; Makinen, Bryan; Richards, Carl; and Makinen, Bryan, "Madison County, Kentucky, Hazardous Materials Commodity Flow Analysis: Final Report”, August 2014.
30. Cecilia Watkins, PhD, MS, CHES, Grace Lartey, PhD, MA, Gretchen Macy, EdD, MPH, **Vijay Golla, PhD, MBBS, MPH**, Teresa Lovely, MS, CHES, “Results of the Kentucky Worksite Assessment: Utilization of the CDC’s Health Scorecard”, April, 2014.
31. **Golla, Vijay**; Taylor, Ritchie D.; Eagleson, Jacob; Givan, Ethan; and Payne, Richard, “Davies County Hazardous Material Commodity Flow Study: Final Report”, September 2013.
32. Taylor, Ritchie D.; **Golla, Vijay**; Eagleson, Jacob; Givan, Ethan; and Koerber, Larry, "Henderson County Hazardous Material Commodity Flow Study: Final Report", September 2013.
33. **Golla, Vijay**; Taylor, Ritchie D.; Suhl, Jonathan; Eagleson, Jacob; Chavan, Prachi; Grigsby, Roni; and Bottom, Jim, "Louisville / Jefferson County Hazardous Material Commodity Flow Analysis: Final Report", August 2012.
34. **Golla, Vijay**; Taylor, Ritchie D.; Stanam, Aditya; Chavan, Prachi; Ellis, Connie; Western Kentucky University College of Health and Human Services, Dept. of Public Health; Makinen, Bryan; Richards, Carl; and Madison County Local Emergency Planning Committee, "Madison County, Kentucky, Hazardous Materials Commodity Flow Analysis, Final Report”, August 2011.
35. Taylor, Ritchie; **Golla, Vijay**; Myatt, Bob; Advani, Shailesh; Gole, Pragati; Nair, Rasmi; Brown, Jacqueline; Willis, Nate; and Barringer, Ellen, "Warren County, Kentucky Hazardous Materials Commodity Flow Analysis, Final Report", August 2010.

INVENTION/ INTELLECTUAL PROPERTY

36. **HAZWATCH/ HMISFER** (Hazardous Material Information System For Emergency Response) U.S. Trademark Application No. 85801209 - HAZWATCH - WKU-3/28/2013
Role: Co-Inventor
HAZWATCH system would collect, analyze, interpret, and report hazardous material (hazmat) flow data through communities. This data collection system could conduct community risk assessment for hazardous material flow in order to protect public and environmental health.

37. **¡Lotería por Vida!** IP Disclosure filed with Texas A&M Technology and Commercialization Office 2/18/2021
Role: Co-Inventor

¡Lotería por Vida! is a cultural adaptation and significant expansion of a highly successful, evidence-based program Bingocize®, which is a combination of physical activity with the game of Bingo. This evidence-based curriculum and format has been shown to improve functional health, fall risk and quality of life among older individuals in nursing home facilities.

SELECTED PRESENTATIONS

(Underlined names represent student mentees.)

PEER-REVIEWED PRESENTATIONS

38. Bayles B, **Golla V**, Pantusa V, Morales, Ortiz R. Health Literacy and Public Health at Texas A&M University-San Antonio. Confianza Health Equity in Action Summit, San Antonio, Texas June 9, 2023.

39. Bayles B, **Golla V**, Pantusa V, Morales, Ortiz R. Health Literacy and Public Health at Texas A&M University-San Antonio. Confianza Health Equity in Action Summit, San Antonio, Texas June 9, 2023.

40. Diaz-Badillo A, Mummidi S, Arya R, Lehman DM, **Golla V**, Muñoz MDL, Duggirala R, “The Epidemiological Burden of Dengue Fever in Mexico” World Applied Anthropology Congress (WAAC) 2023, University of Kansas, KS 66045, 31 May to 3 June 2023.

41. Ritchie Taylor, Jooyeon Hwang, **Vijay Golla**, Gretchen Macy, Jacqueline Basham, Edrisa Sanyang, Mac Cann, Ashley Adams. “A Collaborative Partnership For Firefighter Health in Rural Kentucky Counties”. Total Worker Health Symposium, Bethesda, MD, October 13, 2022.

42. Gretchen Macy, Jacqueline Basham, Cecilia Watkins, **Vijay Golla**. “Workplace Health in Kentucky: Training Needs Related to Occupational Safety and Health”. Kentucky Public Health Association Annual Conference, Bowling Green, Kentucky, April 21, 2022.

43. **Vijay Golla**, Victor Pantusa, Bryan Bayles. “Higher Education in the midst of a Global Pandemic: Industrial Hygiene Controls in Action” at the American Public Health Association Annual Conference, Denver, CO, October 21, 2021 (virtual presentation).
44. Aditya Stanam, **Vijay Golla**. “Distribution and Determinants of Telemedical Care Usage in California” at the American Public Health Association Annual Conference, San Diego, CA, November 12, 2018.
45. Divya Gadde, **Vijay Golla**, Ritchie Taylor, Xiuhua Ding. “Assessment of Ergonomics in Indian Dental Practice” at the American Public Health Association Annual Conference, San Diego, CA, November 12, 2018.
46. Jooyeon Hwang, Ritchie Taylor, Charles Mac Cann, Pauline Norris, **Vijay Golla**. “Exposure to Residual Polycyclic Aromatic Hydrocarbons (PAH) in Firefighter Vehicles” at the American Industrial Hygiene Conference and Exposition, Philadelphia, PA, May 21, 2018.
47. **Vijay Golla**, Jooyeon Hwang. “Occupational Exposure to Endotoxins in Airborne Size-Based Particles in Kentucky’s Equine Industry” at Southeastern Regional ERC (Education and Research Center) Symposium, Savannah, GA, April 3, 2018.
48. Jooyeon Hwang, Ritchie Taylor, **Vijay Golla**, and Charles Mac Cann. “Assessment of Diesel Particulates in Fire Departments using Different Exposure Metrics” at University of Cincinnati NIOSH ERC PRP Symposium, Cincinnati, OH, October 2017.
49. Aditya Stanam, **Vijay Golla**. “Exposure to Computer Work and Prevalence of Musculoskeletal Symptoms Among University Employees: A Cross- Sectional Study” at American Public Health Association Annual Conference, Atlanta, Georgia, November 7, 2017.
50. Divya Gadde, Mounica Reddy Chinthakindi, **Vijay Golla**. “Trends of Oral Health Status in Rural Kentucky” at Kentucky Public Health Association Annual Conference, Owensboro, Kentucky, March 12, 2017.
51. Jooyeon Hwang, **Vijay Golla**. “Occupational Exposure to Endotoxins in Airborne Particles in Kentucky's Equine Industry” at Southeast Center for Agricultural Health and Injury Prevention, University of Kentucky, Lexington, Kentucky, November 18, 2016.
52. Jacqueline Basham, **Vijay Golla**, Ritchie Taylor. “A Comparison of Hazardous Materials Flow in Five Kentucky Counties: Urban vs. Rural Gradient” at the American Industrial Hygiene Conference and Exposition, Baltimore, Maryland, May 25, 2016.
53. Cecilia Watkins, Grace Lartey, Gretchen Macy, **Vijay Golla**, Teresa Lovely. “Results of the Kentucky Worksite Assessment: Utilization of the CDC’s Scorecard” at Kentucky Public Health Association Annual Conference, Louisville, Kentucky, April 16, 2014.
54. **Vijay Golla**, Ritchie Taylor, Prachi Chavan, Aditya Stanam, Connie Ellis. “Hazardous Materials Commodity Flow Analysis in Madison County, Kentucky” at Kentucky Public Health Association Annual Conference, Louisville, Kentucky, March 28, 2012.

55. Advani S, Gole P, Nair R, Taylor R, **Golla V**, Myatt B. "Hazardous Materials Commodity Flow Analysis: Warren County, Kentucky" at the American Public Health Association Annual Conference, Washington D.C, October 29 – November 2, 2011.
56. Advani, S., Taylor, R. D., Golla, V. "Commodity Flow of Hazardous Materials in Warren County, KY" at Kentucky Public Health Association Annual Meeting, KPHA, Louisville, Kentucky, March 2011.
57. Pooja Chugh, Chaitra Anilkumar, **Vijay Golla**. "Occupational Hazards Associated with the Dental Profession" at Kentucky Public Health Association Annual Conference, Louisville, Kentucky, March 30, 2010.
58. Sushmita Sukkala, **Vijay Golla**. "Nanotechnology and Public Health" at the American Public Health Association Annual Conference, Philadelphia, Pennsylvania, November 7-11, 2009.
59. Sandeep Mishra, **Vijay Golla**, Ritchie Taylor, Jerrod Nelms. "Atrazine in Drinking Water: Exposure Assessment and Analysis" at the American Public Health Association Annual Conference, San Diego, California, October 25-29, 2008.
60. Sandeep Mishra, **Vijay Golla**. "Hazards of Plastic Bottles" at Kentucky Public Health Association Annual Conference, Louisville, Kentucky, April, 2008.
61. Ritchie D. Taylor, **Vijay Golla**, Joey Willcox, Jerrod Nelms and Shaden Melky. "An Integrated Approach for Source Water Protection and Awareness in Rural Agricultural Watersheds" at the American Public Health Association Annual Conference, Washington, DC, November 3-7, 2007.
62. C Janie Cambron, **Vijay Golla**. "A Look at Preparedness for Possible Avian Influenza Outbreak" at Kentucky Public Health Association Annual Conference, Louisville, Kentucky, March 28, 2007.
63. Patrick O'Shaughnessy, **Vijay Golla**, Jason Nakatsu, Steve Reynolds. "Correction of Sampler-to-Sampler Comparisons" at American Association for Aerosol Research (AAAR) Annual Conference, Reno, Nevada, September 2007.
64. **V Golla**, P O' Shaughnessy. "A Comparison of the Collection Characteristics of Size-Selective Samplers for Different Dust Types during Laboratory Trials" at the American Industrial Hygiene Conference and Exposition, Chicago, Illinois, May 13-18, 2006.
65. **Vijay Golla**, Wayne Sanderson, Brian Curwin. "Pesticide Levels and Absorbed Doses Inside Iowa Homes over Time: Farm Families' Potential Long-term Exposures" at Midwest Rural Agricultural Safety and Health Forum, Johnston, Iowa, October 2005.
66. Farook VS, Akhtar F, Arya R, Yau A, Mummidi, Resendez RG, Pinki Anand, Alvaro Diaz-Badillo, Fowler SP, Lynch JL, **Vijay Golla**, Lehman DM, Hale DE, DeFronzo RA, Blangero J, Camann DE, Duggirala R, Challa S. "Impact of Early Life Exposures to Organic Chemicals on Cardiometabolic Risk in Hispanic Children: A Pilot Tooth Study", The Obesity Society Annual Meeting, San Antonio, Texas, November 2024.

67. Reyna A, Anand P, Almeida M, Morales L, Resendez RG, Fowler SP, Ezeilo JA, Diaz-Badillo A, Akhtar F, Kumar S, Curran JE, Lehman DM, Hale DE, Lopez-Alvarenga JC, **Golla V**, Arya R, Lynch JL, DeFronzo RA, Blangero J, Mummidi S, Dong LQ, Duggirala R. “Genetics of the Adipokine LRG1 Levels and its Correlation with Cardiometabolic Traits in Mexican American Children”, The Obesity Society Annual Meeting, San Antonio, Texas, November 2024.
68. Anand P, Reyna A, Almeida M, Morales L, Resendez RG, Fowler SP, Ezeilo JA, Akhtar F, Diaz-Badillo A, Kumar S, Curran JE, Lehman DM, Hale DE, Lopez-Alvarenga JC, **Golla V**, Arya R, Lynch JL, DeFronzo RA, Blangero J, Mummidi S, Dong LQ, Duggirala R. “Identification of Potential Functional Variants Influencing the LRG1 Levels in Mexican American Children”, The Obesity Society Annual Meeting, San Antonio, Texas, November 2024.
69. Alvaro Diaz-Badillo, Rector Arya, Marcio Almeida, Srinivas Mummidi, Sobha Puppala, Vidya Farook, Geetha Chittor, Sharon P. Fowler, Juan Carlos Lopez-Alvarenga, Feroz Akhtar, Pinki Anand, Roy G. Resendez, Juliet A. Ezeilo, Satish Kumar, Joanne E. Curran, **Vijay Golla**, Donna M. Lehman, Ralph A. DeFronzo, John Blangero, Ravindranath Duggirala, “Potential functional variants associated with birth weight and adult diseases in Mexican Americans”, The Obesity Society Annual Meeting, San Antonio, Texas, November 2024.

INVITED PRESENTATIONS

(Underlined names represent student mentees.)

70. Gretchen Macy., Ashley Adams., Edrisa Sanyang., Ritchie Taylor., Jooyeon Hwang., **Vijay Golla.**, Jacqueline Basham., Charles Cann. “Green River Fire Association and Western Kentucky University Center for Environmental and Workplace Health: A Community Collaboration” at Bryant Stiles Officers School – Green River Firefighters Association, Owensboro, Kentucky, February, 2022.
71. Edrisa Sanyang., Ritchie D. Taylor., Gretchen Macy., Ashley Adams., **Vijay Golla.**, Ruth Carrico., Luz Guiomar Huntington-Moskos. “Firefighter Practice And Exposure In Response To Emergency Calls In Northwestern Kentucky” at University of Louisville Clinical Translational Research Conference. Louisville, Kentucky, October, 2021.
72. **Vijay Golla.** “Agricultural Health”, at Western Kentucky University, Department of Public Health NIOSH Symposium. Bowling Green, Kentucky, June, 2020 via Zoom.
73. **V. Golla.**, Hwang, J., and R. Taylor. “Firefighters' Exposure Assessment: Occupational Contaminants and Carcinogens” at University of Texas Rio Grande Valley, School of Medicine Complex Disease Journal Club. Edinburg, Texas, April, 2020 via Zoom.
74. Hwang, J., R. Taylor, M. Cann, G. Macy, and **V. Golla.** “A Mixed-Methods Approach to Assessing Exposure of Firefighters in Kentucky to Fire Smoke and Occupational Air Contaminants.” at the Council of State and Territorial Epidemiologists. 6th Annual Southeastern States Occupational Network (SouthON) Meeting. Nashville, Tennessee, April 2017.

75. Hwang, J., **Golla, V.** "Occupational Exposure to Airborne Size-Based Endotoxins in Kentucky's Equine Industry" at Southeastern States Occupational Network (SouthON) and NIOSH Deep South Center for Occupational Health & Safety Meeting, Auburn, Alabama, March, 2017.
76. Taylor, R. D., Basham, J. R., **Golla, V.** "Comparison of Hazardous Materials Commodity Flow Studies in Five Kentucky Counties: Urban vs Rural Gradient" at Kentucky Governor's Emergency Management Workshop, Kentucky Emergency Management, Louisville, Kentucky, September, 2016.
77. Watkins, C. M., Macy, G. M. B., **Golla, V.**, Lartey, G. "Barrier Busters to Worksite Health Promotion Programs" at 2016 Roadmap to a Healthy Workplace, BRIGHT, Bowling Green, Kentucky, April 2016.
78. Watkins, C. M., **Golla, V.** "WKU Affiliation with Total Worker Health" at Total Worker Health Affiliates Colloquium, NIOSH, Washington DC, October 2015.
79. Watkins, C. M., Macy, G. M. B., **Golla, V.**, Lartey, G. "Results of the Kentucky Worksite Assessment: Utilization of the CDC's Health Scorecard" at Center for Disease Control and Prevention, CDC, Atlanta, Georgia, June 2014.
80. Taylor, R.D., **V. Golla, J. Eagleson, and E. Givan.** "Henderson County Hazardous Materials Commodity Flow Study" at Henderson County Emergency Management and Local Emergency Planning Committee Meeting. Henderson, Kentucky, January 21, 2014.
81. **Golla. V.**, Taylor, R.D., and Eagleson. J. "Daviness County Hazardous Materials Commodity Flow Study" at Daviness County Emergency Management and Local Emergency Planning Committee Meeting. Owensboro, Kentucky, November 14, 2013.
82. Taylor, R.D. and **V. Golla.** "Hazardous Materials Commodity Flow Study; Updates, Rural Areas Study, and Future Plans" at Commonwealth Emergency Response Commission Meeting. July 2013, Frankfort, Kentucky.
83. Taylor, R.D., **Golla. V.**, and Eagleson. J. "Hazardous Material Commodity Flow Study for Louisville and Jefferson County, Kentucky" at Louisville and Jefferson County, Local Emergency Planning Commission, Louisville Emergency Management and MetroSafe, Louisville, Kentucky, December 12, 2012.
84. Taylor, R.D., **Golla. V.**, Ibrahimou, Boubakari. "Community Preparedness for Hazardous Material Incident Risks" at the National Institute for Hometown Security Meeting, WKU Center for Research and Development, August 2012.
85. **Vijay Golla.** "Atrazine Exposure and Rates of Preterm Births in Kentucky" at NIOSH Agriculture, Forestry and Fishing Occupational Safety and Health Workshop, National Institute for Occupational Safety and Health, Cincinnati, Ohio, August 2009.

86. Taylor, R.D., **Golla, V.** "WKU Environmental Health Science Program: Opportunities in Education, Engagement, and Service Learning" at American Society of Safety Engineers (ASSE) South Central Kentucky Meeting, ASSE, Bowling Green, Kentucky, September 2008.
87. Nelms, J., Taylor, R.D., and **V. Golla.** "Source water protection in rural agricultural watersheds in Kentucky and implications of Atrazine Monitoring" at American Water Resources Association, AWRA Annual Water Resources Conference. Albuquerque, New Mexico, November 2007.
88. **Vijay Golla**, Ritchie Taylor, and Jerrod Nelms. "Farm Families' Potential Exposure to Pesticides through Drinking Water in Homes" at Kentucky Pesticide Workgroup, Frankfort, Kentucky, May 8, 2007.
89. **Vijay Golla.** "Respiratory Protection from Environmental and Occupational Agents" at American Association of Occupational Health Nurses Workshop, Western Kentucky University, January 12, 2007.
90. **Vijay Golla**, Wayne Sanderson, Brian Curwin. "Pesticide Levels and Absorbed Doses Inside Iowa Homes over Time: Farm Families' Potential Long-term Exposures" at NIOSH Colloquium, University of Iowa, Iowa City, Iowa, May 2006.

CONFERENCES/WORKSHOPS

91. Meeting Organizer/ Moderator, Association of Texas Graduate Schools Annual Meeting at Texas A&M University-Corpus Christi, Corpus Christi, Texas, September 2023
92. Presenter, Texas A&M/University Health – Health Summit-II at Texas A&M University-San Antonio, Texas, September 19, 2022.
93. Presenter, Texas A&M-SA/ Texas A&M University Health Summit-I at College Station, Texas, May 2, 2022.
94. Symposium Moderator, CDC/ NIOSH Symposium at the University of Cincinnati, Cincinnati, Ohio, October 2018
95. Symposium Moderator, CDC/ NIOSH RPR Symposium at the University of Cincinnati, Cincinnati, Ohio, October 2016.
96. Poster Session Judge, CDC/ NIOSH RPR Symposium at the University of Cincinnati, Cincinnati, Ohio, October 2016.
97. Symposium Moderator, CDC/ NIOSH RPR Symposium at the University of Cincinnati, Cincinnati, Ohio, October 2014.
98. Faculty Presenter, National Institute of Hometown Security Meeting, WKU Center for Research and Development, August 2012.

99. Co-Director, HAZWOPER (Hazardous Waste Operations and Emergency Response) Training Workshop at Western Kentucky University, Bowling Green, Kentucky, August, 2006.

100. Expo Presenter, WKU Department of Public Health at the Medical Center Health and Wellness Expo, Bowling Green, Kentucky, January, 2006.

RESEARCH/ DEVELOPMENT/ GRANT-FUNDED PROJECTS

ONGOING

Centers for Medicare and Medicaid Services (Civil Money Penalty Reinvestment Program) \$374,230

- Bingocize: Social and Physical Engagement to Improve Quality of Life
Golla, V (Co-PI), Weatherford, D (PI) 05/2022 – Present

National Science Foundation \$100,000

- CC* Strategy-Campus: Accelerating Research Computing at Texas A&M San Antonio (ARCATS)
Golla, V (Co-PI), Alsmadi, I (PI) 12/2024 – Present

COMPLETED

Health Resources and Services Administration (HRSA) \$1,942,142 Community Project Funding

- Capital equipment for a research center in Public Health Genetics and Genomics
Golla, V (PI) 09/2023 – 03/2025

Texas A&M University System Chancellor's Health Initiative \$5,801,896

- Health Science Initiative at Texas A&M University-San Antonio
Golla, V (PI) 10/2022 – 03/2025

United States Department of Education \$3,000,000

- Proyecto Exito (Project Success)
Promoting Post baccalaureate Opportunities for Hispanic Americans
Golla, V (PI) 09/2022 – 03/ 2023

United States Department of Agriculture	\$143,683
<ul style="list-style-type: none"> • Adaptation, transfer, and adoption of new technologies to increase resilience and protect vulnerable water supplies in agricultural areas of the karst Edwards aquifer region of South-Central Texas 	
Golla, V (Co-PI), Den, W (PI)	05/2022 – 08/2023
CDC/NIOSH Central Appalachian Regional Education and Research Center	\$19,633
<ul style="list-style-type: none"> • Assessment of Training Needs Among Occupational Safety and Health Professionals in South-Central Kentucky 	
Golla, V (Consultant), Macy, G (PI)	07/2022 – 08/2023
San Antonio Metropolitan Health District (Metro Health)	\$24,031
<ul style="list-style-type: none"> • Healthy Neighborhoods Program Evaluation Project 	
Golla, V (Co-PI), Bayles, B (PI)	07/2021 – 12/ 2021
National Security Agency (NSA)	\$100,000
<ul style="list-style-type: none"> • Collaboration for Advancing Minority Participation in Security (CAMPS) 	
Golla, V (Co-PI), Butler-Purry, K (PI)	05/2021 – 03/2022
Center for Integrative Environmental Health Sciences (CIEHS)	\$19,519
National Institute for Environmental Health Sciences (NIEHS) Pilot Project Program	
<ul style="list-style-type: none"> • Firefighter Practices and Exposure in Response to COVID-19 in Northwestern Kentucky 	
Golla, V (Co-I), Sanyang, E (PI)	12/2020 – 10/2021
CDC/NIOSH Central Appalachian Regional Education and Research Center	\$15,000
<ul style="list-style-type: none"> • Statewide Assessment of Workplace Health Promotion Programs in Kentucky with a Comparison to National Trends 	
Golla, V (Co-I), Macy, G (PI)	08/2019 – 09/2020
CDC/NIOSH University of Cincinnati Education and Research Center	\$7,000
<ul style="list-style-type: none"> • Biomarkers of Exposure and Stress in Firefighters in Northwestern Kentucky 	
Golla, V (Co-I), Yadav, J (PI)	05/2017 – 06/2018
CDC/ NIOSH Training Project Grant (TPG)	\$749,223
<ul style="list-style-type: none"> • Environmental & Occupational Health Science Graduate Program and Environmental Health Science Undergraduate Program at Western Kentucky University 	
Golla, V. (PI)	07/2016 – 08/2019
CDC/NIOSH University of Cincinnati Education and Research Center	\$6,950
<ul style="list-style-type: none"> • Assessment of Diesel Particulates in Fire Departments using Different Exposure Metrics 	
Golla, V (Co-I), Hwang, J (PI)	05/2017 – 07/2019

National Institute of Food and Agriculture	\$131,365
<ul style="list-style-type: none"> • Building Teaching and Research Capacity at the Food Science Cluster of Western Kentucky University to Control Salmonella in Chicken Products 	
Golla, V. (Co-Project Director); Webb, C (Project Director)	08/2015 – 06/2018
WKU Research and Creative Activities Program	\$15,936
<ul style="list-style-type: none"> • Development of the Hazardous Materials Information System for Emergency Response (HMISFER) 	
Golla, V (Co-PI), Taylor, R (PI)	05/2016 – 12/2017
Kentucky Division of Emergency Management	\$34,670
<ul style="list-style-type: none"> • Pike County Kentucky Commodity Flow Analysis 	
Golla, V. (Co-I), Taylor, R (PI)	12/2017 – 09/2018
WKU Research and Creative Activities Program	\$16,000
<ul style="list-style-type: none"> • Evaluation of Accumulated Contaminants on Firefighter Vehicles 	
Golla, V (Co-I), Hwang, J (PI)	05/2016 – 12/2017
CDC/NIOSH Central Appalachian Regional Education and Research Center	\$12,000
<ul style="list-style-type: none"> • Total Worker Health in Rural Workplaces: Challenges of Implementation and Follow-up 	
Golla, V (Co-PI), Watkins, C (PI)	08/2016 – 06/2017
CDC/NIOSH Southeast Center for Agricultural Health and Injury Prevention	\$12,000
<ul style="list-style-type: none"> • Occupational Exposure to Endotoxins in Airborne Particles in Kentucky's Equine Industry 	
Golla, V. (Co-PI), Hwang, J (PI)	10/2015 – 08/2017
Kentucky Division of Emergency Management	\$27,559
<ul style="list-style-type: none"> • Oldham County Kentucky Commodity Flow Analysis 	
Golla, V. (Co-PI), Taylor, R (PI)	12/2016 – 08/2017
JJ Keller and Associates Inc.	\$27,500
<ul style="list-style-type: none"> • Safety and Compliance Grant Program at WKU 	
Golla, V (Project Director)	01/06 – 06/18
Kentucky Division of Emergency Management	\$38,215
<ul style="list-style-type: none"> • Commodity Flow Study of Hazardous Material Transport in Shelby County, Kentucky 	
Golla, V. (Co- PI), Taylor, R. D. (PI)	12/14 – 08/15
Commonwealth of Kentucky Office of Commercialization and Innovation,	\$100,000
<ul style="list-style-type: none"> • Hazardous Material Information System for Emergency Response: HMISFER Project 	
Golla, V. (Co-PI), Taylor, R D (Co-PI), Baylis, G (Co-PI), Tivol, E (Co-PI)	3/12-12/14

Kentucky Department for Public Health	\$28,105
<ul style="list-style-type: none"> • Kentucky Worksite Wellness Assessment Grant: (CDC Coop. Agrmt. 2B01DP009022-13) Golla, V (Co-I) Watkins, C (PI) 	04/13 – 04/14
Kentucky Division of Emergency Management	\$96,454
<ul style="list-style-type: none"> • Commodity Flow Study of Hazardous Material Transport in Henderson, Daviess, Madison, Rowan, and Montgomery Counties, Kentucky. Golla, V (Co- PI), Taylor, R (PI) 	11/12–08/2014
Kentucky Division of Emergency Management	\$84,488
<ul style="list-style-type: none"> • Commodity Flow Study of Hazardous Material Transport in Jefferson County and Madison County, Kentucky. Golla, (PI) 	05/10 – 10/12
CDC/ NIOSH Southeast Center for Agricultural Health and Injury Prevention	\$34,765
<ul style="list-style-type: none"> • Linkage of Atrazine Exposure and Birth Data in Kentucky: Assessment of Data Sources and Needs Golla, V (Co-I), Hopenhayn, C (PI) 	10/08 – 10/10
CDC/ NIOSH Heartland Center for Occupational Health and Safety	\$15,000
<ul style="list-style-type: none"> • Pesticide Levels and Absorbed Doses Inside Iowa Homes Over Time: Farm Families' Potential Long-Term Exposures Golla, V (PI) 	11/04 – 06/08
WKU Junior Faculty Grant and CHHS Faculty Grant	\$5,422
<ul style="list-style-type: none"> • Farm Families' Potential Exposure to Pesticides through Drinking Water Golla, V (PI) 	10/06–05/08

PROFESSIONAL TRAININGS/ CERTIFICATIONS/ WORKSHOPS

- Academic Security and Counter Exploitation Program Certificate, Texas A&M University, College Station, April 2021.
- Management Development Program (MDP) Certificate, Harvard University, Cambridge, June 2019.
- Professional Development Certificate, KET Lexington, September 2012.
- Environmental Public Health Tracking Certification, National Environmental Health Association, March 2011.
- NIOSH Agriculture, Forestry and Fishing Occupational Safety and Health Workshop", NIOSH, Cincinnati, OH, August, 2009.

- Advisor Training, College of Health and Human Services, Bowling Green, KY, April, 2008.
- "Planning the Budget for Your Grant Proposal", Office of Sponsored Programs, WKU, Bowling Green, Kentucky, February, 2008.
- "Online Teaching Summer Camp", WKU Information Technology Services, Bowling Green, KY, May, 2007.
- HAZWOPER-Hazardous Waste Operations and Emergency Response Certification, WKU, 2002.

COURSES TAUGHT

(As a full-time faculty member at WKU, my teaching assignment was 3-4 courses per semester from 2006 to 2011; with increased research productivity beginning 2011, my teaching assignment was reduced to 2 courses per semester; and with the adoption of administrative responsibilities beginning in 2015, my teaching assignment was reduced to 1 course per year. At TAMU-SA, I have no teaching responsibilities as part of my administrative role).

Teaching Assignments (classroom, seminar, teaching lab)

<u>Course Title/ Number</u>	<u>Semester Hours</u>	<u>Role</u>	<u>% Responsible</u>
PH 584: Principles of Environmental Health	3	Instructor	100%
PH 385: Environmental Health	3	Instructor	100%
EHS 580: Solid and Hazardous Wastes	3	Instructor	100%
EHS 572: Environmental and Occupational Epidemiology	3	Instructor	100%
Family Medicine Residency Program: Vital and Medical Statistics	1	Instructor	100%
ENV 280: Intro to Environmental Science	3	Instructor	100%
ENV 480: Hazardous and Solid Waste	3	Instructor	100%
PH 546: Graduate Internship	3	Instructor	100%
ENV 280: Intro to Environmental Science	3	Instructor	100%
EOHS 570: Industrial Hygiene	3	Instructor	100%
EOHS 550: Principles of Occupational Safety and Health	3	Guest Lecturer	12.5%
ENV 321: Fundamentals of Industrial Hygiene	3	Instructor	100%
ENV 323: Fundamentals of Industrial Hygiene Lab	3	Lab Instructor	100%
PH 582: Epidemiology	3	Guest Lecturer	6.25%
HAZWOPER (Haz. Waste Operations & Emergency Response)	3	Instructor	33.33%
ENV 120: Intro to Occupational Safety and Health	3	Instructor	100%
PH 600: Graduate Maintaining Matriculation	1	Instructor	100%
PH 599: Thesis Research/ Writing	6	Supervisor	100%
PH 588: Capstone	3	Second Reader	50%
PH 530: Independent Investigations in Advanced Epidemiology	3	Instructor	100%
EOHS 570: Industrial Hygiene	3	Instructor	100%

MEMBERSHIP AND ACTIVITIES

- Member, **American Public Health Association**, August 2007 to Present.
- Member, **American Industrial Hygiene Association**, August 2003 to Present.
- Member, **Texas Public Health Association**, March 2024 to Present.
- Member, **Kentucky Public Health Association**, March 2007 to March 2020.

STUDENT SUPERVISION AND MENTORING

Graduate Thesis Research and Capstone Project Committees

- Weylin, Gilbert, Environmental and Occupational Health Science, 2020.
“Volunteer Firefighter Cancer Risk in Northwestern Kentucky”
- Mamata Chaudhari, Environmental and Occupational Health Science, 2019.
“The Risk of Improper Turnout Gear Storage and Contamination of Volunteer Firefighters Personal Vehicles”
- Divya Gadde, Environmental and Occupational Health Science, 2018.
“Study of Factors Affecting the Use/Disuse of Ergonomic Practices in Indian Dental Practice”
- Rebecca Lauth, Environmental and Occupational Health Science, 2017.
“Analysis of Hazardous Materials Incidents in Kentucky—Statewide Risk Analysis”
- Ethan Givan, Public Health-Environmental Health, 2015.
“Selection of Pathogen Surrogates and Fresh Produce Safety: Implications for Public Health and Irrigation Water Quality Policy”
- Sandeep Mishra, Epidemiology and International Health, 2014.
Dr.PH in Epidemiology and International Health, University of Alabama at Birmingham, "To Study the Relationship between Indoor Air Pollutants and Anemia in India"
- Morgan Webb-Yeates, Homeland Security Science, 2013.
“Food Defense among Meat Processing and Food Service Establishments in Kentucky”
- Jonathan Suhl, Public Health-Environmental Health, 2012.
“Inter-Method Comparison of EPA Analytical Methods 507 and 508.1: To Test for Atrazine in Kentucky Drinking Water”
- Jacqueline Brown, Public Health-Environmental Health, 2014.
“Trends in Hazardous Material Transportation and Risk Assessment”

- Derek B. Smith, Public Health-Environmental Health, 2014.
“Assessment of Ambient Air Quality as Influenced by Wind Direction in Daviess County, Kentucky”
- Holly Vandiver, Public Health-Environmental Health, 2013.
“Emergency Preparedness Assessment of Warren County, Kentucky”
- Phani Akella, Public Health-Environmental Health, 2013.
“A Multicenter Study of Asthma Hospitalization Prevalence and Its Variability with Local Temperature Changes”
- Roni Grigsby, Public Health-Environmental Health, 2013.
“Detecting Prescribed Synthetic Estrogen Compounds in the Barren River near Bowling Green, KY”
- Connie Ellis, Public Health-Environmental Health, 2014.
“Variation in Radon Levels Inside Office Buildings of a University Campus”
- Jacob Eagleson, Public Health-Environmental Health, 2013.
“Hazardous Material Transport Risk Assessment through Warren County, Kentucky”
- Alok Amraotkar, Public Health-Environmental Health, 2011.
“Coliform Contamination in Natural Drinking Water Sources of Allen County, Kentucky”
- Shaden Melky, Public Health-Environmental Health, 2007.
“A Study on Foliar Ozone Injury at Mammoth Cave National Park in the Cumberland–Piedmont Network”
- Amar Kanekar, Public Health-Health Education, 2006.
“Factors Affecting Condom Usage among College Students”

Undergraduate Honors Thesis Committees

- Rebecca Center, Environmental Health Science, 2015.
“Risk Assessment of Hazardous Materials Transported by Rail”
- Alexandra Hunter, Environmental Health Science, 2015.
“Variance of Estrogenic Compounds Before and After Entering a Wastewater Treatment Plant”
- Leslie Ford, Health Sciences, 2013.
“Socioeconomic Factors and Their Impact on Maternal and Child Healthcare in the Aarohi Project Villages of Rural Kumaon”

- Ellen Barringer, Environmental Health Science, 2013.
“Effect of Storm Events on Groundwater Quality Changes in the Lost River Karst Basin”
- Jacqueline Brown, Environmental Health Science, 2012.
“The Evaluation of Water Quality and Weather Patterns as Indicators for Escherichia Coli in Slaters Creek Watershed in Millersville, Tennessee”

Student Field-Trips Conducted

- Sumitomo Electric Wiring Systems Inc., Scottsville, KY, October 22, 2018. Students observed and learned about the occupational environment and potential exposures and hazards at a work place.
- K&S World Market and Farmers Market, Nashville, TN, September 18, 2015. Students observed and learned about food safety practices in action at two large food markets in Nashville Metropolitan area.
- Sumitomo Electric Wiring Systems Inc., Scottsville, KY, October 30, 2015. Students observed and learned about the occupational environment and potential exposures and hazards at a work place
- Toyo Automotive Parts (USA), Inc., Franklin, KY, September 23, 2014. Students observed and learned about the occupational environment and potential exposures and hazards at a work place.
- General Motors Corvette Assembly Plant, Bowling Green, KY, April 22, 2014. Students observed and learned about the occupational environment and potential exposures and hazards at a work place.
- Logan Aluminum, Russellville, KY, February, 2011, 2012, 2013 and 2014. Students observed and learned about the occupational environment and potential exposures and hazards at a work place.
- Ensafe Environmental Consultants, Bowling Green, KY, December 3, 2013 and May 6, 2014. Students learned about industrial hygiene consulting opportunities and work opportunities in private industry.
- Barren River District Health Department, Environmental Health Division, Bowling Green, KY, September 17, 2013. Students toured the health department and learned about the day-to-day operations of the environmental health personnel.
- Berry Plastics, Franklin, KY, October 27, 2010. Student engagement and learning in Occupational Environments.
- Logan Aluminum, Russellville, KY, March 24, 2010. Students observed and learned about the occupational environment and potential exposures and hazards at a work place.

- Berry Plastics, Franklin, KY, October 15, 2009. Student engagement and learning in Industrial Hygiene and Safety.
- Berry Plastics in Franklin, KY, October 28, 2008. Field activity organized by the American Association of Safety Engineers (ASSE) local chapter.
- Bowling Green Waste Water Treatment Plant, October 14, 2008. Students observed and learned about water treatment processes.
- Bowling Green Water Treatment Plant, September 16, 2008. Student participation and learning from plant operators and lab personnel at the water treatment plant.
- Berry Plastics, Franklin, KY, February 26, 2008. Student engagement and learning in Industrial Hygiene and Safety.
- Mammoth Cave National Park, October 11, 2006. Student learning on cave and karst topography and their relationship to environmental systems in Environmental Science.
- Covalence Adhesives, Franklin, KY, April 18, 2006. Student engagement and learning in Industrial Hygiene and Safety.

AWARDS AND HONORS

- **2024 Outstanding Alumni Award**, University of Iowa College of Public Health, Iowa City, Iowa. September 11, 2024.
- **2.5 Million Dollar Club Award**, Office of Sponsored Programs, Texas A&M University-San Antonio, San Antonio, Texas. May 1, 2024.
- **Delta Omega Award**, University of Iowa College of Public Health, Iowa City, Iowa. April 28, 2021.
- **Prolific Proposer FY 16**, WKU Office of Sponsored Programs, Bowling Green, Kentucky, December 7, 2016.
- **Bill Patton Environmental Service Award**, Kentucky Public Health Association, Louisville, Kentucky, March 2013.
- **Most Prolific Proposer by College Award**, WKU Office of Research, Bowling Green, Kentucky, November 2012.
- **Iowa Governor's Occupational Health and Safety Award**, Des Moines, Iowa, November 2004.