

YOHANE VINCENT ABERO PHIRI, Ph.D.
Postdoctoral Research Associate
Epidemiology and Environmental Health
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Education

2023

Doctor of Philosophy (Ph.D.)
Public Health (Epidemiology and Environmental Health)
Taipei Medical University, Taiwan
Dissertation: Living Environmental Characteristics and Allergic Diseases Among Preschool Children in the Greater Taipei Area

2019

Master of Science (MSc.)
Environmental Management and Urbanization Problems
Kocaeli University, Turkey
Dissertation: Urbanization, Environmental Degradation, and Urban Disaster Risks: Current Situational Analysis in the Four Cities of Malawi (Blantyre, Zomba, Lilongwe, and Mzuzu)

2012

Bachelor of Science (BSc.)
Environmental Health
Malawi University of Business and Applied Sciences (MUBAS)
Dissertation: Occupational Health and Safety in Tea Estates in Mulanje, Malawi

Traineeships

2024

Inter-Professional Forum Facilitator
University at Buffalo, Office of Interprofessional Education

2024

Effective Teaching in academic and non-academic settings
University at Buffalo, CTSI Workforce Development Core

2023-2024

Conflicts of Interest
GCP – Social and Behavioral Research Best Practices for Clinical Research
GDPR & Human Subjects Research in the U.S.
Health Disparities: Promoting Equity and Diversity in Clinical Research
Social & Behavioral Research Investigators
Social and Behavioral Responsible Conduct of Research Course
University at Buffalo, Collaborative Institutional Training Initiative (CITI)

2019

2019 Lab Safety Training (P1-P4)
Taipei Medical University, Taiwan

Fellowships

2023-2025 **Postdoctoral Research Fellow**
 Epidemiology and Environmental Health
 School of Public Health and Health Professions, University at Buffalo, Buffalo, NY

Boards, Certifications, Licensures, Computer Skills

2024 Effective Teaching in academic and non-academic settings
 2022 2022 Academic Research Symposium, Taipei Medical University, Taiwan, E-38
 2022 Academic Research Ethics Education Certificate, Taipei, Taiwan, S109020386
 2022 International Public Health Consortium, Taipei, Taiwan
 2021 Public Management and Governance, YALI Leadership Center, South Africa, N0776
 2021 International Occupational Health and Occupational Medicine, Taiwan, oheomc-00488
 2017 Turkish Language Certification, Kocaeli University, 20062017-136

Professional Experience

June 2023- present **Postdoctoral Research Associate**
 Epidemiology and Environmental Health
 School of Public Health and Health Professions, University at Buffalo

Skills: Air Pollution and Health · Community Health· Perinatal and Pediatric Health· Environmental Monitoring · Aerosol Science · Environmental Health · Applied Epidemiology · Environmental Awareness

Duties and Responsibilities:

- Develop and design research projects to investigate relationships between environmental exposures and health outcomes.
- Implement and oversee the execution of research protocols and methodologies.
- Collect and analyze data while utilizing advanced statistical techniques to interpret complex data sets.
- Conduct literature reviews to identify gaps in pediatric and perinatal Health and inform research design.
- Prepare research findings for publication in peer-reviewed journals and dissemination through conferences or media publications.
- Collaborate with other researchers, both within and outside the institution, to enhance the scope and impact of research projects.
- Contribute to the development, writing, and submission of research grant proposals to secure funding for epidemiological studies.
- Contribute to educational programs by delivering lectures, and seminars. and training in environmental health epidemiology.
- Develop and apply specialized skills relevant to the specific focus of environmental health and epidemiological research.

August 2019- May 2023 **Graduate Research Fellow**
 Taipei Medical University
 School of Public Health, Taipei Medical University, Taipei, Taiwan

Skills: Air Pollution and Health · Allergic Diseases · Aerosol Science · Statistical Data Analysis · ELISA · Data Management · Public Health · Environmental Health · Applied Epidemiology

Duties and Responsibilities:

- Conduct research, compile data, and prepare required special reports.
- Maintain materials and assemble required records and assist in accurate data recording and encoding.
- Participate in meetings including research progress review for various projects.
- Perform ELISA for various indoor aeroallergens (endotoxin, house dust mites, cockroach allergens etc.).
- Preparation, treatment and mounting of samples on slides for fungal spores' identification.
- Design and review/update protocols for dust/dust mite/allergen/endotoxins analysis.
- Data analysis and manuscript development for publication.

August 2017- June 2019

Graduate Student Research Assistant

Kocaeli University

Faculty of Social and Engineering Sciences, Kocaeli City, Turkey

Skills: Urban Planning · Disaster Risk Reduction and Management · Environmental Science · Environmental Impact Assessment · Environmental Management Systems · Environmental Awareness

Duties and Responsibilities:

- Supporting daily roles by departmental lecturers.
- Gave lectures on environmental land urban policy.
- Conducting research for publication and various conference.
- Supporting staff of the department in handling students' academic affairs.
- Proposal development for studies in urban gentrification projects and water quality.

June 2016-July 2017

Country Health and Safety Manager

Millennium Challenge Corporation- CHiNT Electric Company Ltd, Lilongwe, Malawi.

Skills: Quality, Health, Safety, and Environment (QHSE) · ISO Standards · ISO 9001 · Quality Assurance · Project Management · Environmental Monitoring · Social Safeguards · Project Planning · ISO 14001

Duties and Responsibilities:

- In charge of administrative responsibility for SHE activities.
- Responsible for the development of SHE Systems and procedures
- Design, Implementation and M& E social Safeguard and Impact programs.
- SHE incidents and accidents investigation, mitigation, and prevention.
- Acted as a focal point for external clients and stakeholders and subcontractors on SHE concerns.
- Weekly and monthly report production on SHE activities on all the countries operational sites/work fronts.
- Planning and budgeting for procurement of SHE equipment, CPE, and PPE.

May 2015-June 2016

Quality and Health and Safety Manager

OG Plastics Industrial (2008) Limited, Blantyre, Malawi.

Skills: Quality, Health, Safety, and Environment (QHSE) · ISO Standards · ISO 9001 · Quality Assurance · Project Management · Environmental Monitoring · Social Safeguards · Project Planning · ISO 14001

Duties and Responsibilities:

- Ensure that all ISO 9001:2008 Procedures and specifications are followed.
- Devise, establish, review, and implement the ISO procedures, standards, and

specifications.

- Coordinate the production and administrative departments in ensuring maintenance of quality of products delivered to clients.
- Provide a setting and guidelines for quality as well as Health and Safety.
- Ensure products manufactured and their processes meet international and national specifications.
- Devise means to maximize efficiency and reduce waste.

Feb. 2012-April 2015

Health, Safety and Environmental Officer

Mota-Engil Africa / Vale Logistics (Malawi-Mozambique), Blantyre, Malawi.

Skills: Quality, Health, Safety, and Environment (QHSE) · ISO Standards · ISO 9001 · Quality Assurance · Project Management · Environmental Monitoring · Social Safeguards · Project Planning · ISO 14001

Duties and Responsibilities:

- Act as a core advisor on all site OSHE issues.
- Promote the integration of both OHSE and the Production Department.
- Conduct inspections, investigate incidents and produce site reports.
- Hold meetings with both production and management teams on OHSE SOPs Review and execution.

Nov. 2010-Dec. 2011

Environmental Health Officer

Ministry of Health Dowa and Bwaila DHOs (Malawi), Lilongwe, Malawi.

Skills: Quality, Health, Safety, and Environment (QHSE) · ISO Standards · ISO 9001 · Quality Assurance · Project Management · Environmental Monitoring · Social Safeguards · Project Planning · ISO 14001

Duties and Responsibilities:

- Community Management of Acute Malnutrition (CMAM)
- Capacity building of community health structures in different health projects concepts (Malaria, IRS, WASH, and Immunization).
- Assist in conducting M&E training activities including sessions on documentation and reporting at the facility-level as assigned.

Awards & Honors

2024

2024 Fourteenth Annual Postdoctoral Research Symposium First Place Award
University at Buffalo, Office of Postdoctoral Scholars

2022

YALI Fellowship Program
YALI Regional Leadership Center, South Africa

2019

Ph.D. Research Award-Taipei Medical University, Taiwan
TMU Office of Global Engagement and School of Public Health, Taiwan.

2016

Turkish Postgraduate Award for Masters Studies
Türkiye Bursları, Ankara, Turkey.

2013 &
2014

Best Employee Award
Mota-Engil Africa / Vale Logistics (Malawi-Mozambique), Malawi.

2009 &
2010

Dr. David Livingstone Award (Deans List)
Malawi University of Business and Applied Sciences (MUBAS), Blantyre, Malawi

2006

Best Student in Sciences
Mlare (St. Paul's) Seminary, Lilongwe, Malawi

Professional Society Memberships

2024-Present	American Academy of Allergy, Asthma, and Immunology (AAAAI), USA
2023- present	The Society for Pediatric and Perinatal Epidemiologic Research (SPER), USA
2023-present	Society for Epidemiologic Research (SER), USA
2012-present	Malawi Environmental Health Association (MEHA): Lilongwe, Central Region, MW

Professional Service

2023-present	Frontier in Public Health , Reviewer
2022-present	BioMed Central's Public Health , Reviewer
2022-present	Heliyon Journal of Public Health , Reviewer
2022-present	BMJ Public Health , Reviewer
2021-Present	MEHA Scientific and Research Committee , Chairperson

University Service

2023- present	Research Fellow University at Buffalo
2020-2022	Graduate Research Fellowship Taipei Medical University
2017-2019	Teaching and Research Fellowship Kocaeli University

School Service

2023	Spring IPE Forum Facilitator University at Buffalo
2021-2022	Prof Jasmine Chao's Laboratory Team Leader School of Public Health, Taipei Medical University

Service to the Community

2022	Taipei City Education Division English Language Teaching Assistant (ELTA) Program, Teacher. Taipei, Taiwan
2017-2018	Kocaeli Municipality, Youth and Culture Division English Language Tutor Volunteer Program, Tutor Kocaeli, Turkey

Publications

Google Scholar Profile:

https://scholar.google.com/citations?hl=en&user=xA_u3g0AAAAJ&inst=17395704991083290304

Published Peer-Reviewed Articles

1. *Phiri, Y.V.A., Canty, T., Nobles, C. et al. Neonatal intensive care admissions and exposure to satellite-derived air pollutants in the United States, 2018. Sci Rep 15, 420 (2025). <https://doi.org/10.1038/s41598-024-84755-9>
2. Yildiz, N. G., Aydin, H. Z., Aydin, K., Yildiz, H., Sambo, G., Mwamulima, B., Zonda, J. M., Phiri, D., & Phiri, Y. V. A. (2024). Understanding adverse childhood experiences and the call for trauma-informed healthcare system in Turkey: a review. Health Research Policy and Systems, 22(1), 63. <https://doi.org/10.1186/s12961-024-01137-3>.

3. Yıldız, N. G., Aydın, H. Z., Sambo, G., Aydın, K., Yıldız, H., Santri, I. N., Wardani, Y., Mwamulima, B., Isni, K., & ***Phiri, Y. V. A.** (2024). The mediating role of depressive symptoms among Turkish population related to gender and low back pain: evidence from a national health survey. *BMC public health*, 24(1), 1136. <https://doi.org/10.1186/s12889-024-18612-9>.
4. ***Phiri, Y.V.**, Wu, M.M., Chen, Y.H., Zou, M. L., Jiang, C.B., Wu, C.D., ... & Chao, H.J. (2023). Environmental determinants of household microbial and allergen levels in the Greater Taipei Area. *Building and Environment*, 230, 110003.
5. Santri, I.N., Wardani, Y., **#Phiri, Y.V.A.**, Nyam, G., Putri, T.A., Isni, K., ... & Sambo, G. (2023). Associations Between Indoor Air Pollutants and Risk Factors for Acute Respiratory Infection Symptoms in Children Under 5: An Analysis of Data from the Indonesia Demographic Health Survey. *Journal of Preventive Medicine and Public Health*, 56(3), 255.
6. Rustiawan, A., Santri, I. N., & ***Phiri, Y.A.** (2023). Health Belief Model Application on Food Safety Behavior of Bantul Beach Tourism Culinary Food Handlers. *Epidemiology and Society Health Review (ESHR)*, 5(2), 76-89.
7. Nkambule, B. S., Sambo, G., Aydın, H. Z., Yildiz, N. G., Aydın, K., Yildiz, H., ... & ***Phiri, Y.V.A.** (2023). Factors associated with HIV-positive status awareness among adults with long term HIV infection in four countries in the East and Southern Africa region: A multilevel approach. *PLOS Global Public Health*, 3(12), e0002692.
8. Motsa, M. P., Estinfort, W., **#Phiri, Y.V.**, Simelane, M. S., & Ntenda, P. A. (2023). Body mass index and cervical cancer screening among women aged 15–69 years in Eswatini: evidence from a population-based survey. *BMC Public Health*, 23(1), 1638.
9. YILDIZ, Nadire Gülçin, Kemal AYDIN, Halide Z. AYDIN, **#Yohane VA PHIRI**, and Hatice YILDIZ. (2023). Factors Related to Prevalence of Depression in Türkiye: A Population-Based Study. *Turkish Journal of Psychiatry* 2023.
10. ***Phiri, Y.V.**, Nyam, G., Wardani, Y., Phiri, D., Chuang, K. Y., Chao, H. J., & Nkoka, O. (2022). Association between history of abortion and current use of contraceptives among Mongolian Women. *BMC Women's Health*, 22(1), 279.
11. ***Phiri, Y.V.**, Aydın, K., Yıldız, N. G., Motsa, M. P. S., & Nkoka, O. (2022). Individual-level determinants of depressive symptoms and associated diseases history in Turkish persons aged 15 years and older: A population-based study. *Frontiers in Psychiatry*, 13, 983817.
12. Nkoka, O., Ntenda, P. A., **#Phiri, Y.V.**, Mabuza, G. N., & Dlamini, S. A. (2022). Knowledge of diabetes among Gambian adults: evidence from a nation-wide survey. *BMC Cardiovascular Disorders*, 22(1), 145.
13. Santri, I. N., Irham, L. M., Djalilah, G. N., Perwitasari, D. A., Wardani, Y., **#Phiri, Y.V.A.**, & Adikusuma, W. (2022). Identification of hub genes and potential biomarkers for childhood asthma by utilizing an established bioinformatic analysis approach. *Biomedicines*, 10(9), 2311.
14. Irham, L.M., Adikusuma, W., Perwitasari, D.A., Dania, H., Maliza, R., Faridah, I.N., Santri, I.N., **#Phiri, Y.V.A.** and Chong, R., 2022. The use of genomic variants to drive drug repurposing for chronic hepatitis B. *Biochemistry and Biophysics Reports*, 31, p.101307.
15. ***Phiri, Y. V.**, Aydın, K., Mkandawire, A. A., & Parham, H. R. (2019). Urban Planning and Urban Disaster Resilience: Effects of Poor Urban Planning and Development in the Cities of Malawi. In *International Congress on Urban Studies* (Vol. 4, No. 1, pp. 137-168).
16. ***Phiri, Y.V. (2019)**. Natural Disaster Risk Reduction and Preparedness: Environmental Conservation for Sustainability, The Case of Turkey and Malawi. *Sustainable Architecture Urban Design & Environmental Studies*, 171.
17. ***Phiri, Y.V.** (2018). Environmental Sustainability Versus Economic Growth and Development: A Comparative Analysis of Effects of Urbanization in Developing Countries in Africa. *Current Debates in Public Finance Public Administration & Environmental Studies: Volume 13*, 416.

Key:

*Papers on which Yohane V.A. Phiri was the lead /corresponding author.

#Papers on which Yohane V.A. Phiri contributed through analyses, drafting, literature review and editing but did not take a leading role.

Reviews

1. *Yohane V.A. Phiri. Association between neutrophil-to-lymphocyte ratio and specific depressive symptoms: an analysis of a population-based cross-sectional survey. BMC Psychiatry. **[Invited Review]**
2. *Yohane V.A. Phiri. Associations between abnormal sleep behaviour and indoor environmental risk factors among children with a chronic cough in Wuxi, China: A cross-sectional study. BMC Public Health. **[Invited Review]**
3. *Yohane V.A. Phiri. Development and validation of the Global Adolescent and Child Physical Activity Questionnaire (GAC-PAQ) in 14 countries: Study protocol. BMJ Open Global Health. **[Invited Review]**
4. *Yohane V.A. Phiri. The prevalence, trends, and predictors of osteoporosis and low bone density among older adults: The NHANES study 1999–2018. BMJ Open Global Health. **[Invited Review]**
5. *Yohane V.A. Phiri. Knowledge of Alzheimer's Disease and associated factors among adults in Zhuhai, China: a cross-sectional analysis. BMC Public Health. **[Invited Review]**
6. *Yohane V.A. Phiri. Factors affecting seeking psychological and psychiatric support for Turkish society. Frontiers in Public Health. **[Invited Review]**
7. *Yohane V.A. Phiri. A self-reported symptom-based decision-making model helps to rule out outpatient cases at low risk for CRC before colonoscopy. Heliyon Cell Press, Medical Sciences **[Invited Review]**
8. *Yohane V.A. Phiri. Delayed in seeking abortion and its determinants among reproductive-age women based on the Ethiopian Demographic and Health Survey, Heliyon Cell Press, Medical Sciences **[Invited Review]**
9. *Yohane V.A. Phiri. Exploring Factors Influencing Wealth-Related Disparities in Institutional Delivery: A Decomposition Analysis Using Bangladesh Multiple Indicator Cluster Survey (MICS) 2019. Heliyon Cell Press, Medical Sciences **[Invited Review]**
10. *Yohane V.A. Phiri. The relationship between chronic disease and depressive symptoms in Chinese adolescents: emotion regulation as a moderator. Current Psychology Journal **[Invited Review]**
11. *Yohane V.A. Phiri. Depression Among People with Disabilities: A Cross-Sectional Community-Based Study in Nepal. BMJ Open **[Invited Review]**.

Book Chapters Published

1. Doğan A., Gönüllü. G., (ed.) (2018). Current Debates in Sustainable Architecture, Urban Design & Environmental Studies: Current Debates in Social Sciences Series Volume 21. IJOPEC Publication No. 2018/12. ISBN: 978-912503-33-9.
2. Aydın M., Pınarcıoğlu N.S., Uğurlu O., (2018). Current Debates in Public Finance Public Administration & Environmental Studies: Volume 13. (2018). United Kingdom: IJOPEC Publication Limited.

Presentations and Posters

1. *Phiri YVA, Canty T, Nobles C, Ring A, Nie J & Mendola P. (2024). Pre-conception health and ambient air pollution associated with preterm birth and low-birth weight among US singletons. *Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting. Austin, TX. June 17, 2024.*
2. *Phiri YVA, Chen YH, Zou ML, Chien LC, Lo YC, Chao HJ., (2024). Early-life living environment, parental mental health, gender differences and allergic diseases among children under-five years in the Greater Taipei Area. *Poster presentation at the 56th annual meeting of the Society for Epidemiologic Research, Austin, Texas, June 16-17, 2023.*
3. *Phiri YVA, Chen YH, Zou ML, Chien LC, Lo YC, Chao HJ, (2022). Household Environmental Characteristics and the Prevalence of Allergic Diseases Among Children in the Greater Taipei Area. *International Conference of Occupational Hygiene and Occupation Medicine, 2022.*
4. *Phiri YVA, Chen YH, Zou ML, Chien LC, Lo YC, Chao HJ, (2022). Environmental Determinants of Household Airborne and Dust borne Allergen Levels in the Greater Taipei Area (2021). *Taipei Medical University 2022 Academic Research Symposium.*
5. *Phiri YVA, Aydın K, Mkandawire AA, and Parham HR., (2019). Urban Planning and Urban Disaster Resilience: Effects of Poor Urban Planning and Development in the Cities of Malawi. *International Congress on Urban Studies*

Key: *Presented by Yohane V.A. Phiri

Submitted Manuscripts Under Review

1. ***Phiri, Y. V. A.**, Canty, T., Nobles, C., Ring, A. M., Nie, J., & Mendola, P. (2024). Neonatal intensive care admissions and exposure to satellite-derived air pollutants in the United States. *Nature Scientific Reports*.
2. Nkambule, B. S., Sambo, G., Mwamlima, B., Kahuni, S., Aydin, H. Z., Yildiz, N. G., Aydin, K., Phiri, D., Santri, I. N., Adikusuma, W., Chakanika, B., & ***Phiri, Y. V. A.** (2024). Insights from a trend analysis of HIV indicators using Population-based HIV Impact Assessment (PHIA) surveys in Zimbabwe. *BMC Public Health*
3. ***Phiri, Y. V. A.**, Chen, Y.-H., Zou, M.-L., Jiang, C.-B., Santri, I. N., Wu, C.-D., Huang, H.-C., Lung, S.-C. C., Chien, L.-C., Lo, Y.-C., Lee, F.-Y., Spengler, J. D., Laden, F., Adamkiewicz, G., & Chao, H. J. (Year). Household environmental factors, airborne and dustborne microbes, and allergens in relation to pediatric allergic diseases in the Greater Taipei area. *Environmental Research*

**Papers on which Yohane V.A. Phiri was the lead /corresponding author*

Invited Presentations

International and National Invited Presentations

Nov 2024	Guest talk/discussion in EEH650 University at Buffalo School of Public Health and Health Professions <i>"Setting up and leveraging networks to advance young investigator research"</i>
Feb 2024	University at Buffalo-2024 Spring EEH Seminar Series School of Public Health and Health Professions <i>"Early-Life Environment and Pediatric and Perinatal Health"</i>
July 2024	Malawi Environmental Health Association (MEHA) Development Seminar Series Lilongwe Malawi <i>"Data Analysis in Environmental Health: Basic Principles in Environmental Health Data Analysis with MS Excel And Sas"</i>
August 2024	University at Buffalo-Healthcast Podcast <i>"Environmental Exposures, Perinatal and Pediatric Health"</i>

Grants & Research Awards

Current Funded Research Grants

Project Title: Estimation of Improvements in Air Quality, Health Outcomes, and Economic Costs Due to Increased Use of Carbon Capture and Sequestration Technology.

Project Period: 01/01/2024 – 12/31/2028

Role: Research Team Member (in kind)

Description of Project:

Employing a cross-sectional study design, the study utilizes a 5% sample of CMS data linked with air pollution data provided by the atmospheric science team at the University of Maryland. The Medicare data for 2016 is a model year for exposure and we will also calculate cohort effects of short-term exposures.

Current Non-Funded Research Projects

Project Title: Neonatal Intensive Care Unit Admissions and Exposure to Satellite-Derived Air Pollutants in the United States

Project Period: 01/01/2023 – 12/31/2025

Role: Research Team Member (15% effort)**Description of Project:**

This is cross-sectional study using data extracted from 2018 birth certificates in the United States (US) from the National Center for Health Statistics linked with data on air pollution at the county level were obtained from various sources, including NASA's Ozone Monitoring Instruments (OMI), MODerate resolution Imaging Spectroradiometer Collection (MODIS), Multi-angle Imaging SpectroRadiometer (MISR), the Sea-Viewing Wide Field-of-View Sensor (SeaWiFS) Deep Blue, and the United States Environmental Protection Agency (USEPA) Congestion Mitigation and Air Quality (CMAQ) Improvement Program. Nitrogen Dioxide (NO₂) levels (molec.cm⁻²) were calculated using OMI data from NASA.

Project Title: Secondary Analysis of Breathe-Wellbeing, Environmental, Lifestyle, and Lung Function (B-Well Mom) Study

Project Period: 01/01/2023 – 12/31/2028

Role: Research Team Member (15% effort)

Description of Project:

B-WELL-MOM (Breathe-Wellbeing, Environment, Lifestyle and Lung function) is a multicenter prospective cohort study aims increase the understanding of factors that predict poor asthma control during pregnancy as well as add to our knowledge of the basic immunology of pregnancy. In our secondary analyses we aim to examine the various factors associated with poor asthma control during pregnancy in the collected data among 500 women.

Completed Funded Research Grants

Project Title: Longitudinal Examination Across Prenatal and Postnatal Health in Taiwan (LEAPP-HIT)

MOST 107-2314-B-038-075-MY3, MOST 106-2119-M-038-002, and MOST 105-2119-M-038-405 005

Project Period: 01/01/2011 – (ongoing)

Involvement Period: 09/01/2019-12/31/2023)

PI: Prof. Jasmine Chao

Role: Research Team Member (20% effort)

Description of Project:

A prospective study conducted in Taipei, Taiwan since July 2011. Pregnant women and their partners are invited to participate in routine antenatal checkups at the outpatient clinics of designated hospitals by professionally trained interviewers.

Project Title: The impact of environmental microbiology, air pollution, and lifestyle on allergic diseases of preschool children

DP2-108-21121-01-N-12-03, DP2-109-21121-01-N-05-03, and DP2-110-21121-01-N-05-03.

Project Period: 01/01/2018 – (ongoing)

Involvement Period: 09/01/2019-12/31/2023)

PI: Prof. Jasmine Chao

Role: Research Team Member (20% effort)

Description of Project:

A prospective study examining the distribution of environmental microbiology, air pollution and lifestyle on allergic diseases of preschool children.

Submitted Research Grants (not yet awarded)

Project Title: The Impact of Our Living Environment and Sick Building Syndrome on the Mental Health of Youth Aged 18-25 Years in Malawi.

Project Period: 09/01/2024-08/31/2025 (Royal Society of Tropical Medicine and Hygiene Early Career Grant)

Involvement Period: 09/01/2024-08/31/2025

PI: Yohane V.A. Phiri (30% Effort- SELF)

Description of Project: Pioneering research endeavors investigating the relationship between the living environment and Mental Health Disorders as well as Sick Building Syndrome, utilizing existing cohorts of university students across Malawi's four regions.

Teaching and Educational Activities**Course Developed and Taught**

Course Title Course #	Course Director (Y/N)	Co- developers	Department	Inclusive Dates Taught	Course Description
Research and Professional Development seminar (EEH650)	N	Prof Katarzyna Kordas	Epidemiology and Environmental Health University at Buffalo	November 25, 2024 (pending)	-
Air Pollution and Health	N	Prof. Hsing Jasmine Chao	Public Health (Taipei Medical University)	Teaching Assistant (2019-2022)	-
Basic Principles in Environmental Health Data Analysis	Y	-	Environmental Health (MEHA)	2022	-
