

# BINOLI HERATH

Doctoral Student

College of Health Solutions

Arizona State University

E-mail: [bherath@asu.edu](mailto:bherath@asu.edu) | LinkedIn: Binoli Herath

ResearchGate: <https://www.researchgate.net/profile/Binoli-Herath>

---

## EDUCATION

<b>Ph.D.</b>	Ph.D. in Population Health (Reading) Arizona State University, expected Fall 2027 Emphasis: Dissemination and Implementation Sciences
<b>Postgraduate Diploma</b>	Postgraduate Diploma in Health Development University of Colombo, Sri Lanka, 2023
<b>Bachelor Degree</b>	Bachelor of Pharmacy University of Sri Jayewardenepura, Sri Lanka, 2020

---

## PROFESSIONAL EXPERIENCE

<b>Graduate Research Associate</b> August 2023 - Present	College of Health Solutions, Arizona State University
<b>Research Assistant</b> July 2021 - June 2023	Section of Epidemiology, Institute for Research & Development in Health & Social Care, Sri Lanka
<b>Teaching Assistant</b> July 2020 - June 2021	Department of Pharmacy and Pharmaceutical Sciences, Faculty of Allied Health Sciences, University of Sri Jayewardenepura, Sri Lanka

---

## PROFESSIONAL QUALIFICATIONS

- Continuous Professional Development Course in Medication Safety  
Department of Pharmacology, Faculty of Medicine, University of Colombo, Sri Lanka, 2023
  - Asynchronous Course on Principles of Epidemiology  
Epidemiology and Population Health Summer Institute, Columbia University, 2023
  - Diploma in Psychology and Counselling  
Institute of Management and Business Studies, Sri Lanka, 2022
  - Certificate courses offered by the Stanford International Campus of Business & Technology, Sri Lanka, 2022
    - Research Methodology
    - Academic Writing
    - SPSS for Data Analysis
    - Structural Equation Modeling With AMOS
  - Certificate Course in Gene Technology at GENETECH Molecular Diagnostics & School of Gene Technology, Colombo 08, Sri Lanka, 2014
-

## MEMBERSHIPS

2024 - Present	Student Member, Society of Behavioral Medicine (SBM)
2023 - Present	Student Member/Grant Reviewer for GPSA Awards & GPSA Travel Grants, Graduate & Professional Student Association (GPSA), Arizona State University
2023 - Present	Member, Sri Lanka Association for Advancement of Science (SLAAS)
2021 - Present	Registered Pharmacist, Sri Lanka Medical Council (SLMC) (Reg. No. 11156)
2021 - Present	Member, Organization for Women in Science for the Developing World (OWSD)

---

## AWARDS/HONORS

2024	Meritorious and Citation Award Winner, 45th Annual Meeting & Scientific Sessions 2024, Society of Behavioral Medicine
2024	Graduate Fellowship, College of Health Solutions, Arizona State University
2023	Graduate Assistantship, College of Health Solutions, Arizona State University
2023	Scholarship Award for 2023 Summer Graduate Writing Camp, Graduate & Professional Student Association (GPSA), Arizona State University
2020	Bachelor Pharmacy Honours (First Class), University of Sri Jayewardenepura GPA: 3.7 (out of 4.0)

---

## RESEARCH EXPERIENCE

2023 - Present	Community Health Worker Training Program conducted by the Arizona State University, funded by the Health Resources and Services Administration (HRSA)
2021 - 2023	‘Global Health Nutrition in Sri Lanka’ project conducted by the Institute for Research and Development, Sri Lanka in collaboration with Kings College London, funded by the Medical Research Council (MRC) UK
2019 – 2021	Undergraduate research project on ‘Impact of clinical pharmacy services on medication safety and prescription cost among a cohort of patients attending a primary healthcare setting in Sri Lanka’ conducted at the University of Sri Jayewardenepura, Sri Lanka

---

## PUBLICATIONS

ORCID [0000-0003-2206-6871](https://orcid.org/0000-0003-2206-6871)

Research Gate <https://www.researchgate.net/profile/Binoli-Herath>

### *Full paper publications*

- Dissanayake L, **Herath B**, Opatha J, Jabir S, Siriwardana R, Sirisena K, Wickramasinghe M, Wimalasekera M, Liyanage R, Duminda Guruge GN, Jayaweera K, Jayawardena R, Zavos HMS, Sumathipala A, Rijdsdijk F. The Colombo Twin and Singleton Study (COTASS): Piloting the Feasibility of Collecting Nutritional Data and Extension of the Sample to Include Children of Twins. Behav Genet. 2024 Jan;54(1):63-72. PubMed Central PMCID: PMC10822816.
- Tharmalinga Sharma JJ, Ketharam M, **Herath B**, Shobia SS. Quality of medicines in Sri Lanka: a retrospective review of safety alerts. BMC Health Serv Res. 2023 Sep 12;23(1):980. PubMed Central PMCID: PMC10496228.
- **Herath B**, Rodrigo UAA, Senadheera GPSG, Samaranayaka S, Samaranayake NR. Impact of selected clinical pharmacy services on medication safety and prescription cost of patients attending a selected primary healthcare setting: a translational experience from a resource-limited country. Postgrad Med J. 2023 May 19;99(1169):223-231. PubMed PMID: 37222060.

### *Conference proceedings (Oral Presentations)*

- Dissanayake L, **Herath B**, Jabir S, Siriwardana R, Jayaweera K, Zavos H, Sumathipala A, Rijdsdijk F. Investigating Intergenerational Transmission of Nutrition Intake, Eating Behaviours and Associated Psychological Health. The Joint 6th World Congress on Twin Pregnancy a Global Perspective & The 18th Congress of the International Society Twin Studies (ISTS); 2023 June; Budapest, Hungary.
- **Herath B**, Jabir S, Siriwardana R, Jayaweera K, Dissanayake L, Ediriweera I, Jayasinghe K, Abhayasinghe K, Lokugamhewa B, Wijewickrama A, Hewamalage A, Fernando B, Kumarendran B, Liyanage C, Wickramasinghe E, Abeysinghe N, Wijemuni R, Agampodi S, Makuloluwa T, Sumathipala A. Psychological impact of COVID-19 in Sri Lankans and associated factors. AUA Academic Conference 2023; 2023 February; Depok, Indonesia.
- Jegath Janani T, Ketharam M, **Herath B**, Shobia S. Quality of medicines in Sri Lanka: A retrospective review of safety alerts. International Social Pharmacy Workshop 2022; 2022 July; Sydney, Australia.
- **Herath B**, Amarasinghe A, Senadheera S, Samaranayake S, Samaranayake N. Impact of some selected clinical pharmacy interventions on prescription cost at a primary healthcare setting in Sri Lanka. Asia Pacific Academic Consortium for Public Health 2020; 2020 December; Colombo, Sri Lanka.
- Amarasinghe A, **Herath B**, Senadheera S, Samaranayake S, Samaranayake N. Impact of selected clinical pharmacy services on medication safety among a cohort of patients attending a primary healthcare setting in Sri Lanka. Sri Lanka Association of Clinical Pharmacology & Therapeutics Academic Sessions 2020; 2020 November; Colombo, Sri Lanka.

### *Conference proceedings (Poster)*

- **Herath B**, Zach R, McEntee M. Assessing healthcare providers' perspectives and practices on weight-inclusive primary care. Institute for Social Science Research (ISSR) Spring 2024 Graduate Student Poster Contest; 2024 April; Tempe, USA.
- **Herath B**, Adams M, McEntee M. Trends in adherence to an mHealth physical activity intervention among adolescents with weight stigmatizing experiences. Society of Behavioral Medicine's 45th Annual Meeting & Scientific Sessions; 2024 March; Philadelphia, USA.

### *Systematic Review Protocol*

- **Herath B**, Dissanayake L, Abhayasinghe K, Sumathipala A. Healthcare workers' perceptions and experiences during COVID-19 pandemic in South Asian countries.  
PROSPERO ID: CRD4 42022330173

### *Publications in progress*

- Jayasinghe K, **Herath B**, Jabir S, Perera M, Guruge N. Perceptions and Attitudes toward bullying among early adolescents attending rural schools in Sri Lanka.  
(Submitted to the Journal of Early Adolescence and currently under review)
- Jegath Janani T, **Herath B**, Ketharam M, Shukry Zawahir M. Growth and variations in materialized provision of clinical pharmacy service model in South Asia – A scoping review.  
(Manuscript in preparation)
- Jabir S, **Herath B**, Sumathipala A, Herle M, Rijdsdijk F, Zavos H. Genetic and environmental overlap between obesity indices and cardiometabolic risk factors in a Sri Lankan population twin sample. OSF Registries: <https://osf.io/cn5p4>  
(Data analysis and manuscript preparation on-going)
- Oskar Kaleta F, Jayaweera K, Pannala G, Rijdsdijk F, Siribaddana S, Sumathipala A, Hotopf M, **Herath B**, Jabir S, Badini I, Ahmadzadeh Y, Zavos H. Interpersonal Violence and Mental Health in Sri Lanka: Exploring the Role of Genetic and Environmental Influences and Their Interplay. OSF Registries: <https://osf.io/va2et>  
(Data analysis and manuscript preparation on-going)

### *Contribution to local scientific magazines*

- Author for the scientific magazine 'Gaveshana - Explorer' published by the Institute for Research & Development in Health & Social Care, Sri Lanka. This magazine is the only tri-lingual research magazine published in Sri Lanka exclusively dedicated to promoting research among students and the wider general public (<https://www.ird.lk/gaveshana-magazine/>).

---

## LECTURE

- Conducts a lecture on 'Pharmacogenomics: As a tool for Personalized Medicine' for trainees at the Genetics Laboratory, Institute for Research and Development, Sri Lanka since 2021. (I have been delivering this lecture for laboratory trainees at this institution remotely since my relocation to USA)
-

## INTERNSHIPS/TRAINING

- |             |  |
|-------------|--|
| 2021 - 2023 | Under the Medical Research Council (MRC) UK funded Global Health Nutrition project: Specialist Training in Structural Equation Model Fitting (SEM) of Twin Data using R statistical software conducted by the Kings College London, UK.                        |
| 2021 - 2023 | Training in Patients and People Involvement and Engagement (PPIE) in Nutrition Research conducted by the Institute for Research and Development in partnership with Department of Health Promotion, Rajarata University of Sri Lanka and Keele University, UK. |
| 2019 - 2020 | Hospital pharmacy placement and in-ward clinical experience at Colombo South Teaching Hospital, a tertiary care hospital in Sri Lanka.   |
| 2019 - 2020 | Community pharmacy placement under the State Pharmaceutical Corporation of Sri Lanka.  |
- 

## CONFERENCES/WORKSHOPS

- Participated at the Arizona State University (ASU) Professional Development Conference hosted by the ASU Commission on the Status of Women in October 2023.
  - Participated at the Global Integrated Health Care Conference Fall 2023 hosted by the College of Health Solutions, Arizona State University in October 2023.
  - Participation at the Success in Graduate Writing Camp conducted by Academic Support Network, Arizona State University in Summer 2023.
  - Participated a workshop on 'Introduction to Cognitive Behavioral Therapy (CBT)' conducted by the Institute for Research and Development in Health and Social Care in July 2023.
  - Presented at the 'Joint Forum on Sharing Practice Research Findings' organized by the Department of Pharmacy and Pharmaceutical Sciences, Faculty of Allied Health Sciences, University of Sri Jayewardenepura in collaboration with the Collaboration of Australians and Sri Lankans for Pharmacy Practice, Education and Research (CASPPER) in November 2022.
  - Participation at the workshops conducted by the Staff Development Committee, Faculty of Allied Health Sciences, University of Sri Jayewardenepura, Sri Lanka during 2020-2021.
  - Participation to raise awareness on the 'Importance of pharmacy education for Sri Lanka' at the following scientific exhibitions for general public.
    - Poster presenter at the 'INNOVATE Sri Lanka' Innovation & Invention Exhibition 2019, University of Sri Jayewardenepura held from 2nd -3rd April 2019 at the BMICH, Colombo, Sri Lanka.
    - Poster presenter at the 'Vedasa 2018' Medical Exhibition, Faculty of Medical Sciences, University of Sri Jayewardenepura held from 4th-8th December 2018 at the BMICH, Colombo, Sri Lanka.
  - Participation at the Annual Scientific Sessions of Pharmaceutical Society of Sri Lanka 2017 and 2018 at the Sri Lanka Foundation.
-

