



**Global Institute
of Public Health**

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ANNUAL REPORT

2023–2024

About Global Institute of Public Health (GIPH)

*A new-age public health institute under Ananthapuri Educational Trust,
Thiruvananthapuram, Kerala*



There is an enormous demand for qualified and trained public health specialists in India and other developing countries. In the context of very few institutes in Asian countries, offering quality-assured specialized training in public health suited for the needs of countries like India, Ananthapuri Educational Trust decided to develop a state-of-the-art public health institute – Global Institute of Public Health (GIPH). The institute is guided by an international advisory group consisting of eminent public health leaders from different parts of the world. GIPH collaborates with prominent international organizations, public health institutions and Universities across the globe. Many global public health professionals of Indian origin with immense experience in public health practice and training have committed to be part of this new initiative in Kerala.

GIPH also supports health departments of various state governments to extend training to in-service candidates to equip them to be better public health managers and works with Indian research and teaching institutes to develop a network of public health researchers. Global Institute of Public Health is hosted and administered by the Ananthapuri Educational Trust- a not for profit organization aimed at fostering higher education in medical science and public health. The trust, which was founded a decade ago has already made major strides in the field of medical and technical education in the country and currently runs more than 20 medical and related courses.

The institute is also attached to a 500-bedded tertiary care teaching hospital, Ananthapuri Hospitals and Research Institute (AHRI) which conducts National Board of Examination accredited Diplomate programs in Cardiology, Nephrology, Anesthesiology, Emergency Medicine and General Medicine and various other certified masters' programme. The attached College of Nursing is recognized by Indian Nursing Council, Kerala Nurses & Midwives Council and is affiliated Kerala University of Health Sciences. The college offers BSc (Nursing) and specialized MSc (Nursing) programs. Ananthapuri Institute of Paramedical Sciences offers various Diploma and Technology courses like the DMLT (Diploma in Medical Laboratory Technology), DOTT (Diploma in Operation Theatre Technology), DCVT (Diploma in Cardio Vascular Technology), DNT (Diploma in Neuro Technology) and DDT (Diploma in Dialysis Technology).

Academic activities

1. Master of Public Health (MPH)

The Master of Public Health (MPH) degree program by Global Institute of Public Health, affiliated to the Kerala University of Health Sciences (KUHS) is a high-intensive, demanding, interdisciplinary program emphasizing student-directed competency-based, learning, problem solving, and the acquisition of fundamental public health skills with value addition. It is envisaged as a comprehensive MPH program based on the principles and practices in public health with suitable and relevant modules catering to the needs of the public health system in India. This is a comprehensive Master's program in public health suitable for the needs of the public health system in India, keeping in mind the double burden of diseases the country is currently going through, with extreme shortage of human resources available with adequate public health training.

Objectives

Goals

Empowering persons from multiple disciplines with a public health vision for effective public health in India is the overall goal of this program. Master of Public Health course by

Global Institute of Public Health will open a new opportunity for people interested to understand, study and practice public health and its various sub-specialties in India. The proposed MPH program will help a long way in building the public health capacity of health human resources in our country. The Institute aims to run a world- class MPH program which can meet the requirements of not only India, but also other developing countries of the world- in terms of adequately trained public health practitioners. The MPH program under KUHS is ongoing since November 2017 onwards. We have got 6 students for MPH first batch and 3 students for MPH second batch. The third batch (intake in 2019) has 13 MPH students.

Regular Faculty

- i. Dr. Kesavan Rajasekharan Nayar MCH, PhD (Principal, Professor and Head)
- ii. Dr. S S Lal MBBS, MPH, MBA, PhD (Professor)
- iii. Dr. V Mohanan Nair MBBS, MPH, MHSc (Bioethics), PhD (Public Health) – Professor
- iv. Dr. Chitra Grace A MSc, MPH, PhD (Professor)
- v. Dr. G K Mini MSc, MPhil, PhD (Professor)
- vi. Dr Anand Marthanda Pillai MD, MPH, FACC, FHRS (Assistant Professor)
- vii. Mr. Jinbert Lordson MSc, CCRP (Lecturer)
- viii. Dr. Amala Annie John MA, PhD (Assistant Professor)

Honorary / Visiting Faculty

- i. Prof. Dr. C G Bahuleyan, MD, DM, FRCP, FSCAI (Honorary Professor)
- ii. Dr. Hemachandran MBBS, MPH (Adjunct Professor)
- iii. Dr. Ambarish Dutta MBBS, MPH, PhD (Associate Professor)
- iv. Dr. Anant Kumar MA, MPhil, PhD (Adjunct Additional Professor)
- v. Dr Vijaykumar Chattu MBBS, MPH, PhD (Adjunct Research Professor)
- vi. Dr. Shiraz Bava PhD (Adjunct Professor)
- vii. Dr. Hannah Monica Dias, WHO, Geneva, Switzerland (Visiting Professor)
- viii. Prof Dr Kumudu Wijewardena MD, PhD Srilanka (Visiting Professor)

- ix. Prof Dr.Seval Akgun MD, PhD, Turkey (Visiting Professor)
- x. Prof Dr.Monika Sawhney PhD, USA (Visiting Professor)

2. PhD Research Centre

GIPH is a recognized Research Centre under KUHS and we have three research guides, they are Prof. K Rajasekharan Nayar (Principal, GIPH), Prof. Dr. C G Bahuleyan, (Honorary Professor), Dr.S.S. Lal (Professor, GIPH), Dr. Chitra Grace A (Professor, GIPH) and Dr. Mini. G.K (Professor, GIPH).

Activities of GIPH

- **ReAct Asia Pacific office was inaugurated by AHRI chairman Dr. A. Marthanda Pillai, along with new node Director, Dr. S.S. Lal (Lal Sadasivan), colleagues, and staff at the Global Institute of Public Health in April 2024**



- **Dr. J.S Thakur (Prof & Head of Dept of Community Medicine PGIMER, Chandigarh; President – World NCD Federation) gave a special lecture on “ Ecological crisis due to chemical toxicity & NCDs” on 9 November 2023 at GIPH**



- **Inauguration of the Anti Microbial Resistance Centre was done on 19 October 2023 By the honorable minister Dr. R Bindu, incumbent Minister for Higher Education and Social Justice. The deliberations were led by Dr. S.S. Lal (Professor, Global Institute of Public Health)**



- **Inauguration of the Centre for Gender Studies was done on 29 November 2023 By the honorable minister Shri. Chinjurani**





- Inauguration of the Centre for One health was done on 23 September 2023 By the honorable minister Shri. Anthony Raju



- Inauguration of the Centre for Climate and Environmental Health was done on 5 April 2024 by Shri. Er. Shridhar, noted environmentalist. Dr. Manu (State Nodal Officer for Climate Change and health program), and Dr. Jaya D.S. (Dept. of Environmental Sciences) and Shri. Sanju (Director, Sustera Foundation) led the discussion.



- **GIPH arranged an awareness program on World TB day (24 March 2024) to highlight the ongoing efforts of TB elimination in the state. The event was led by Dr. SS Lal and Dr. Sam Prasad (AIDS control expert)**



- GIPH arranged a awareness program on World AIDS day (1 December 2023) to highlight the ongoing efforts of AIDS control in the state. Dr. Yamini Thankachy (Deputy Director, Kerala State Control Society) was the resource person



- Dr. Ambarish Dutta (Additional Professor, IIPH, Public Health Foundation of India), Bhubaneswar delivered a special lecture on Introduction to Research Methodology on 21 February 2024



- **Shri. Satya Sivaraman, Communication Director, ReACT gave a special lecture on Communication Strategies to Public regarding Antimicrobial Resistance on 21 March 2024**



- **Centre for Climate and Environmental Health (CCEH) at GIPH along with Health Systems Research Initiative (HSRII), DHS (Government of Kerala) and UNICEF arranged an Youth Engagement Workshop on Health effects of Air pollution on 30 July 2024 . The workshop was led by Dr. Chitra Grace. A (Professor & Head –CCEH @ GIPH) along with Dr. Pradeep Kumar (Director, HSRII), Shri Arun. B. Nair (HSRII) and Dr. S. Manu (State Nodal Officer, GoK).**



The valedictory function was graced by Dr. A. Marthanda Pillai (Chairman and Director, AHRI)



- Centre for Gender studies @ GIPH organized a Youth Awareness and sensitization program on Beyond Stigma: Conversations on safe and accessible abortions on 8 August 2024.



- **Dr. Abey Shusan (Urban Health Mission- in charge), DHS, GoK gave a special lecture on Urban health centres**



Publications from GIPH team (2023– 24)

Journal articles

1. K Rajasekharan Nayar (2024). Public Health: Reflections on Orientation, Pedagogy and Methodologies. Preventive Medicine: Research & Reviews 1 (3), 164-165
2. TK Mithun, SS Lal, KR Nayar (2024). Zoonotic Disease Risk Perception and Infection Control Practices amongst Veterinarians in Kerala, India. Preventive Medicine Research & Reviews 106 (():10.4103/PMRR.PMRR_106_23
3. R Waheed, KR Nayar, C Grace (2024). Zoonotic Disease Risk Perception and Infection Control Practices amongst Veterinarians in Kerala, India. Journal of Integrative Medicine and Public Health 3 (1), 27-34
4. K Rajasekaharan Nayar, Vinu S, Lekha Bhat and Surabhi Kandaswamy (2023). Right Versus Wrong: A Qualitative Appraisal with respect to Pandemic Trajectories of Transgender Population in Kerala, India. Journal of Bioethical Enquiry. Springer
5. Arya S and K Rajasekharan Nayar (2023). The Vanishing Island: Socio-ecological and health challenges of Munroe Thuruth in Kerala. Journal of Integrative Medicine and Public Health.

6. K Rajasekharan Nayar and S Vinu (2023). Equity issues in gender-affirming medical care in Kerala: a reflective commentary. *International Journal of Equity in Health* 22, 193 <https://doi.org/10.1186/s12939-023-01981-9>
7. Vinu and K Rajasekharan Nayar (2023). Life trajectory and the rights of transgender people in Kerala. In, Research cell, Delhi Metropolitan Education (ed.) *Transgender Identity and Rights in South Asia*, Delhi: Bloomsbury. Pp.68–77.
8. K Rajasekharan Nayar, Bhat, L.D., Vijayan, Bindhya., Rejeesh, Krishna. (2023). Health and Well-Being of Nonagenarian Persons in Kerala. In: *Handbook of Aging, Health and Public Policy*. Springer, Singapore. https://doi.org/10.1007/978-981-16-1914-4_120-1
9. Krishna SH and K Rajasekharan Nayar (2023). Oral Health among the underprivileged: Case reports from a tribal belt in Kerala. In, Sudeep Bhattacharya et al. (Eds.). *Public Health Chronicles*. White Falcon Publishing.
10. Greeshma J, Mini GK, Marthanda Pillai A, Irazola V. Cardiovascular disease risk factor prevalence among police officials: findings from a cross-sectional study in Kerala, India. *J Occup Health*. 2024 Jan 4;66(1):uia025. doi: 10.1093/joccuh/uiae025.
11. NCD Risk Factor Collaboration (NCD-RisC) (Author Mini GK). General and abdominal adiposity and hypertension in eight world regions: a pooled analysis of 837 population-based studies with 7.5 million participants. *Lancet*. 2024 Aug 31;404(10455):851–863. doi: 10.1016/S0140-6736(24)01405-3.
12. GBD 2021 Demographics Collaborators (Author Mini GK). Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 May 18;403(10440):1989–2056. doi: 10.1016/S0140-6736(24)00476-8.
13. Anjana VM, Jissa VT, Mini GK. Knowledge, use and acceptability of menstrual cup: an explorative study among women health professionals in Kerala, India. *Int J Community Med Public Health* 2024;11:1593–602.
14. Amrutha B, Sangeeth, Krishna S, Abraham, Minu, Mini, GK. Burnout experiences and coping strategies of nurses during the COVID-19 pandemic: Insights from a northern district of Kerala, India. *Journal of Integrative Medicine and Public Health* 3(1):p 35–39, January–June 2024. | DOI: 10.4103/JIMPH.JIMPH_6_24

15. GBD 2021 Causes of Death Collaborators (Author Mini GK). Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 May 18;403(10440):2100–2132. doi: 10.1016/S0140-6736(24)00367-2.
16. Kapoor N, Haregu T, Singh K, Oommen AM, Audsley J, Gupta P, Jasper S, Mini GK, Thirunavukkarasu S, Oldenburg B. EXPRESS: Strengthening Research Capacity of Early–Mid Career Researchers: Implementation and Evaluation of the Excellence in Non-Communicable REsearch (ENCORE) Program. *J Investig Med*. 2024 Feb 20;10815589241236156. doi: 10.1177/10815589241236156.
17. Godwin SK, Lakshmi Ullas CU, Anjana VM, Mini G. K. Menstrual product choice and the extent of period poverty among young adult females: findings from a cross-sectional study in Kerala, India. *International Journal of Reproduction, Contraception, Obstetrics and Gynecology*. 2024 Jul;13(7):1797–1804
18. NCD Risk Factor Collaboration (NCD-RisC) (Author: Mini GK). Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population-representative studies with 222 million children, adolescents, and adults. *Lancet*. 2024 Feb 29;S0140-6736(23)02750-2. doi: 10.1016/S0140-6736(23)02750-2.
19. Mini GK, Jayakrishnan R, Jishnu KK, Anil KK. Factors Influencing Tobacco Cessation in India: Findings from the Global Adult Tobacco Survey–2. *Asian Pac J Cancer Prev*. 2023 Nov 1;24(11):3749–3756. doi: 10.31557/APJCP.2023.24.11.3749.
20. Ragavan RS, Ismail J, Evans RG, Srikanth VK, Kaye M, Joshi R, Thankappan KR, Chow CK, Riddell MA, Oldenburg B, Mahal A, Kalyanram K, Kartik K, Suresh O, Thomas N, Mini GK, Maulik PK, Arabshahi S, Thrift AG. Combining general and central measures of adiposity to identify risk of hypertension: a cross-sectional survey in rural India. *Obes Res Clin Pract*. 2023 May–Jun;17(3):249–256. doi: 10.1016/j.orcp.2023.04.005.
21. Zaman SB, Evans RG, Chow CK, Joshi R, Thankappan KR, Oldenburg B, Mahal AS, Kalyanram K, Kartik K, Riddell MA, Suresh O, Thomas N, Mini GK, Maulik PK, Srikanth VK, Thrift AG. Morbidity and utilisation of healthcare services among people with cardiometabolic disease in three diverse regions of rural India. *Chronic Illn*. 2023 Feb 6;17423953231153550. doi: 10.1177/17423953231153550.

22. NCD Risk Factor Collaboration (NCD-RisC) (Author: Mini GK). Diminishing benefits of urban living for children and adolescents' growth and development. *Nature*. 2023 Mar;615(7954):874-883. doi: 10.1038/s41586-023-05772-8
23. NCD Risk Factor Collaboration (NCD-RisC) (Author: Mini GK). Global variation in diabetes diagnosis and prevalence based on fasting glucose and hemoglobin A1c. *Nat Med*. 2023 Nov;29(11):2885-2901. doi: 10.1038/s41591-023-02610-2
24. GBD 2021 Diabetes Collaborators (Author: Mini GK). Global, regional, and national burden of diabetes from 1990 to 2021, with projections of prevalence to 2050: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2023 Jul 15;402(10397):203-234. doi: 10.1016/S0140-6736(23)01301-6.
25. Revu J, Anand MP, Aadil R, Mini GK. Non-communicable disease management: Access to healthcare during COVID-19 pandemic in rural Kerala, India. *Clin Epidemiol Glob Health*. 2023 Mar-Apr;20:101231. doi: 10.1016/j.cegh.2023.
26. Thankappan KR, Mini GK (2023). Sustaining Behavior Change: Institutionalizing Health Interventions: Public Health Approaches to Health Promotion. Available at <https://www.taylorfrancis.com/chapters/edit/10.1201/b23385-12/case-study-thankappan-mini>
27. Mini, G.K., Mishra, S., Lordson, J., Mohan, M. (2023). Exploring Problematizations Underlying Tuberculosis Control Strategies: A Cross-Country Analysis of India and Kenya. In: Rezaei, N. (eds) *Tuberculosis. Integrated Science*, vol 11. Springer, Cham. https://doi.org/10.1007/978-3-031-15955-8_28



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