

CENTRAL UNIVERSITY OF KERALA
DEPARTMENT OF PUBLIC HEALTH AND COMMUNITY MEDICINE

Minutes of the Board of Studies meeting held on July 8, 2020

1. The 2nd board of studies meeting for the Department of Public Health and Community Medicine was held on July 8th 2020 from 10 am to 1pm. The meeting was attended by the following members.

Sl.	Name of the expert	Capacity	Designation & Affiliation
1	Dr Elezebeth Mathews	Chairperson	HOD (In-charge), DPH&CM, CUK
2	Prof. (Dr.) KR Thankappan	Member	Professor, DPH&CM, CUK
3	Assoc. Prof. Dr. Rajendra Pilankatta	Member	Dean, School of Medicine & Public Health, CUK
4.	Dr Sibasis Hense	Member	Asst. Professor, DPH&CM, CUK
5	Prof. (Dr.) Raman Kutty V	Member	Epidemiologist and Data Science Consultant, Amala Institute of Medical Sciences, Thrissur, Kerala
6	Prof. (Dr.) Unnikrishnan B	Member	Associate Dean and Professor Department of Community Medicine, Kasturba Medical College, Mangalore MAHE.

7	Dr. Shailendra Kumar B Hegde	Member	Senior Vice President - Public Health Innovations at Piramal Swasthya, Hyderabad (India)
8.	Dr. C.K. Jagadeesan	Member	State Nodal Officer of ARDRAM Mission and Deputy Director, Directorate of Health Services, Govt. of Kerala
9.	Dr. K Vijayakumar	Member	Professor, Dept. of Community Medicine, Amrita Institute of Medical Sciences, Kochi.
10.	Mr. Prakash Babu Kodali	Faculty member	Department of Public Health and Community Medicine, Central University of Kerala
11	Ms. Jayalakshmi Rajeev	Faculty Member	Department of Public Health and Community Medicine, Central University of Kerala

2. The Department proposed for a change in the eligibility criteria for admission to the MPH program due to the increasing number of applications from life sciences and biomedical stream. Faculty members envisioned that if there are more applications with relaxed eligibility criteria, the competition to the program will be tougher and best students can be selected to the program.

Current Eligibility criteria: MBBS/BDS/B.Sc. Nursing (4 years)/any Branch of Engineering (4 years)/ B.Pharma/Bachelor of Phototherapy/ B. AYUSH/ B.Vety/B.V.Sc./ Master in Social Work/ Economics/ Policy Science/ Sociology/Nutrition/ Development Economics/ Public Administration/Psychology/ Law. No upper age limits.

Proposed eligibility criteria: Bachelor's degree in the following disciplines are eligible: Medicine / AYUSH / Dentistry / Veterinary Sciences/ Nursing/ Allied Health Sciences / Life Sciences / Statistics / Biostatistics / Demography / Population Studies / Nutrition / Sociology /

Psychology / Anthropology / Social Work/ Engineering/ Bio-medical sciences/ Law/ Management Studies/ Public Policy & Administration/ Economics. No upper age limits.

The members of the Board of Studies deliberated on the eligibility criteria proposed by the department and approved the same.

3. The MPH curriculum was revised as per the curriculum promulgated by the Ministry of Health and Family Welfare, adhering to the CBCS guidelines of University Grants Commission. The revised curriculum has also incorporated value addition courses from Massive Open Online Courses from SWAYAM program of Government of India as electives.

The revised MPH programme consists of 72 Credits, of which 59 and 13 credits are offered through core and elective courses (including MOOC courses) respectively. **Semester- I** consist of 20 credits; **Semester- II** consist of 20 Credits; **Semester-III** consist of 18 Credits; and **Semester -IV** consist of 14 credits.

The revised program structure was approved by the members.

4. Dr. Vijayakumar recommended that disaster management be included in Principles of Practices of Public Health course and the same has been incorporated.
5. Dr. Jagadeesan suggested the need to include health systems based internship to students to get them acquainted with the functioning of the health system. He further suggested that the course on Health Promotion methods and approaches shall also include the approaches in decentralized system. The same has been incorporated.
6. The courses and the syllabi was reviewed and approved by the members.

Semester: I
Core Course

1. Course Code & Title: MPC 51 01 & Principles and Practices of Public Health
Credits: 3

Course objectives: This course aims to help students to get oriented to the postgraduate level program in public health. This course will serve as a warm up to all the core courses of public health. It will orient the students to understand the difference between individual and collective perspectives of health and the interdisciplinary nature of public health learning.

Course outcomes: On successful completion of the course, students will be able to:

1. Understand the principles and concepts of public health
2. Understand the determinants of health and identify areas of socio-cultural intervention to promote health
3. Understand the indicators of health and measure outcomes of health and disease in a community
4. Identify levels of prevention and intervene each of them appropriately
5. Understand health is the crux of development
6. Understand the public health relevance in disaster management and strategies involved in disaster management.

By imparting the foundational knowledge of Public Health, this course contributes towards employability of the Public Health graduates by orienting them to the basic concepts of Public Health.

Teaching methods: This course will be delivered through classroom and online lectures, self-study, case studies, written assignment, quiz, field visit and group work.

Units and Topics	Teaching Methods								Mandatory Readings
	L	F	F	C	G	S	S	P	
		W	V	S	W	S	P		
Unit-I: Introduction, Definitions & General Concepts in Public Health & Community Medicine									

Definition of Public Health, core functions and changing concepts of public health	X					X			Introduction to Public Health eBook Mary Louise Fleming, Elizabeth Parker Elsevier Health Sciences, 24-Jul-2015 K. Park. Preventive and Social Medicine
Health: Definition, Concepts and dimensions	X					X			
Concept of well-being- Standard of living. Level of living, Quality of Life, Physical Quality of Life Index, Human Development Index	X		X				X		
Determinants of Health- Biological, Behavioral and Sociocultural conditions, Environment and other factors	X								
Measuring the Level of Health in a Population: Epidemiological Measures (Indicators) of Health and Disease in a Community					X				
Unit-II: History of Public Health									
Ancient Medicine	X								
Revival of medicine, sanitary awakening, rise of public health, modern medicine-curative medicine, preventive medicine, social medicine	X				X				
Unit-III: Theories of Disease Causation, Natural History of Disease & Levels of Prevention									
Concept of Disease and Causation	X			X					Ali, A., & Katz, D. L. (2015). Disease Prevention and Health Promotion: How Integrative Medicine Fits. American journal of preventive medicine, 49(5 Suppl 3), S230–S240. https://doi.org/10.1016/j.amepre.2015.07.019
Causation and Sir Austin Bradford Hills Criteria								X	
Natural History of Disease	X								

Levels of Prevention- Primordial, Primary, Secondary and Tertiary Prevention	X									
Modes of intervention- Health promotion, Specific Protection, Early diagnosis and treatment, Disability limitation and Rehabilitation.	X								X	
Unit-IV: Health care Revolution										
Philosophy Behind “Health for All (HFA)”, “Primary Health Care (PHC)” & “Millennium Development Goals (MDGs), Sustainable development goals	X								X	https://www.un.org/millenniumgoals/ Singh, A. R., & Singh, S. A. (2004). The goal: health for all the commitment: all for health. <i>Menssana monographs</i> , 2(1), 97–110.
Changing pattern of disease globally									X X	
Unit-V: State health in the world: Disparities and divides										
Social determinants of health	X								X	Orach C. G. (2009). Health equity: challenges in low income countries. <i>African health sciences</i> , 9 Suppl 2(Suppl 2), S49–S51. Cowling, K., Dandona, R., & Dandona, L. (2014). Social determinants of health in India: progress and inequities across states. <i>International journal for equity in health</i> , 13, 88. https://doi.org/10.1186/s12939-014-0088-0
Health and Development; Health in All Policies	X								X	Key learning on Health in All Policies implementation from around the world – Information Brochure. Geneva, Switzerland: World Health Organization; 2018
Unit- VI Disaster Management										
Definition, Goals and phases of disaster management	X									
Health consequences of disaster	X									Swathi, J. M., González, P. A., & Delgado, R. C. (2017). Disaster management and primary health care: implications for medical education. <i>International journal of medical education</i> , 8, 414–415. https://doi.org/10.5116/ijme.5a07.1e1b

Health emergency and disaster risk management framework	X					X						Health Emergency and Disaster Risk Management Framework. Geneva: World Health Organization; 2019. Licence: CC BY-NC-SA 3.0 IGO.
Health communication and health information management in disaster	X					X	X					

L- Lecture; FW- Field work; FV - Field Visit; CS - Case study; GW- Group work; SS- Self-study; SP- Seminar presentation; P-Practical

Evaluation:

As per CBCS guidelines, this course will be evaluated for 100 marks with a Continuous Evaluation (CA) component of 40 marks and End-Semester Evaluation (ESA) component of 60 marks.

Additional readings:

1. Doyal, L. & Pennell, I. The Political Economy of Health. (Pluto Press, 1979).
2. Porter, D. Health, Civilization and the State: A History of Public Health from Ancient to Modern Times. (Routledge, 2005).
3. Rosen, G. A History of Public Health. (JHU Press, 2015).
4. Harrison, M. Public Health in British India: Anglo-Indian Preventive Medicine 1859-1914. (Cambridge University Press, 1994).
5. Goldstein, R. L., Goldstein, K. & Dwelle, T. Introduction to Public Health, Second Edition: Promises and Practice. (Springer Publishing Company, 2014).
6. Holland, S. Public Health Ethics. (Polity, 2007).
7. George, S. How the Other Half Dies. (Rowman & Littlefield Publishers, 1989).
8. Coreil, J. Social and Behavioral Foundations of Public Health. (SAGE Publications Inc, 2010).
9. Patnaik, U. The Republic of Hunger and Other Essays. (Merlin Press, 2007).