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.

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

11/01/2021

FAX

Central University of Kerala Mail - Approval for the amends in the MPH Program structure

Dr. Elezebeth Mathews <dr.elezebethmathews@cukerala.ac.in>

Approval for the amends in the MPH Program structure 9 messages

Dr. Elezebeth Mathews <dr.elezebethmathews@cukerala.ac.in> To: raman kutty <kuttyr@gmail.com>, Jagdeesan CK <jagadeesancu@gmail.com>, communitymedicine@gmail.com, "Dr.Shailendra Kumar B Hegde" <shailendra.hegde@piramalswasthya.org>, "Unnikrishnan B [MAHE-KMCMLR]" <unnikrishnan.b@manipal.edu>, Kr Thankappan <kr.thankappan@gmail.com>, "Dr. Sibasis Hense" <dr.sibasishense@cukerala.ac.in>

Dear Sir,

Greeting from the Dept. of Public Health and Community Medicine, Central University of Kerala. I wish you all a very happy and prosperous 2021.

I am writing this email to seek your suggestions and approval for a few changes that we are proposing to the MPH curriculum approved by all members of the Board of Studies (BoS) in an online meeting held on 8 July 2020.

The proposed changes are necessary to address the uncertainties around timely completion of the MPH programme by the students. The uncertainties have arisen due to the delay in running University Semesters primarily attributed to COVID-19 pandemic. As per the Choice based Credit System followed by the University, the MPH program has core (mandatory) and elective courses. In the recent BoS revision, we have included UGC's SWAYAM MOOC elective courses (Massive Open Online Courses) and have not included elective courses in semester 2. The proposed changes are:

1) To include three new in-house elective courses in **Semester-II** in addition to the current UGC's SWAYAM MOOC elective courses (Massive Open Online Courses). The details of the proposed elective courses (3 courses) are given below and the syllabi are (attached).

SI.	Course Code	Course Title	Credit
1	MPC 50 03	Mixed Methods in Health Sciences	3
2	MPC 50 04	Medical Anthropology	3
3	MPG 50 05	Essentials of Global Health	3

2) To change the number of credits of the Core course MPC 52 03 Epidemiology of Communicable and Non-communicable Diseases to "4 Credits". Currently, the course is assigned "3 Credits".

3) To change the number of credits of the in-house elective courses MPC 50 01: Public Health Nutrition and MPC 50 02: Health Inequities in Semester-I to "3 Credits" each. Currently, the courses are assigned "2 Credits each".

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4) In the event of any MPH student, interested to enroll in a MOOC course (as approved by the BoS) through SWAYAM, they may be provided with the flexibility to enroll MOOC courses in any of the four semesters during the MPH programme. However, the total credits (for each semester and the entire MPH programme) to be earned by the student shall be governed by the UGC's Choice Based Credit System (CBCS) guidelines.

5.) Currently, the Semester-wise credit allocation of the MPH programme is: Semester I = 20, Semester II = 20, Semester III = 18, Semester IV = 14. The Department proposes the following Semester-wise credit allocation:

Semester I = 21 Semester II = 20 Semester III = 17 Semester IV = 14.

However, the total number of credits for the MPH programme remains the same i.e., 72 (Core courses: 60; Elective Courses: 12)

6.) The current MPH students of the Department may be given the flexibility to undertake the **MPC 54 92: Internship (Semester-IV)** either through online or offline modes, considering the COVID-19 pandemic.

7.) To approve the list of SWAYAM MOOC Courses (attached).

8.) The Current MPH programme structure (approved as of 8 July 2020) and proposed structure by the Department (as of 6 Jan 2021) are attached.

We look forward to your kind approval/ or any suggestions on the above eight items.

Sincerely,

Elezebeth Mathews

Enclosures

1. Syllabi of the In-house Elective Courses:

a.) Mixed Methods in Health Sciences, b.) Medical Anthropology and c.) Essentials of Global Health

2. Current MPH Programme Structure (as approved by the BoS in the meeting held on 8 July 2020)

3. Proposed MPH Programme Structure (proposed by the Faculty Council of the Dept. of Public Health in the Council meeting held on 6 Jan 2021)

List of SWAYAM MOOC courses for approval.

Elezebeth Mathews, PhD Assistant Professor and Head (I/C) &

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Wellcome Trust/ DBT India Alliance Early Career Fellow

11/01/2021 Central University of Kerala Mail - Approv	al for the amends in the MPH P	ogram structure									
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2 attachments											
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Vijayakumar K <communitymedicine@gmail.com> To: "Dr. Elezebeth Mathews" <dr.elezebethmathews@cukerala.ac.in< td=""><td>× * ·</td><td>Fri, Jan 8, 2021 at 3:23 P</td></dr.elezebethmathews@cukerala.ac.in<></communitymedicine@gmail.com>	× * ·	Fri, Jan 8, 2021 at 3:23 P									
Dear Elizabeth,											
It is ok in the current circumstances. Sincerely											
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[Guoteo text hidden]											
Dr. Sibasis Hense <dr.sibasishense@cukerala.ac.in> To: "Dr. Elezebeth Mathews" <dr.elezebethmathews@cukerala.ac.in></dr.elezebethmathews@cukerala.ac.in></dr.sibasishense@cukerala.ac.in>	. 1	Fri, Jan 8, 2021 at 6:34 PM									
Dear Dr Elezebeth, I approve the suggested changes. Regards, Sibasis											
[Quoted text hidden]											
Formerly, Australia Endeavour Fellow											
Assistant Professor Department of Community Medicine & Public Health											
Central University of Kerala											
Kasaragod-6711316, Kerala (India) A/E: sibahense@gmail.com											
Mob:+91 7978806622											
Thankappan <kr.thankappan@gmail.com></kr.thankappan@gmail.com>		Fri, Jan 8, 2021 at 6:44 PM									
: "Dr. Sibasis Hense" <dr.sibasishense@cukerala.ac.in> :: "Dr. Elezebeth Mathews" <dr.elezebethmathews@cukerala.ac.in>,</dr.elezebethmathews@cukerala.ac.in></dr.sibasishense@cukerala.ac.in>											
agadeesancu@gmail.com>, communitymedicine@gmail.com, "Dr.Sh hailendra.hegde@piramalswasthya.org>, "Unnikrishnan B [MAHE-K											
Dear Elezebeh											
approve the amends in the MPH program structure											
Sent from my iPhone											
On 08-Jan-2021, at 6:34 PM, Dr. Sibasis Hense <dr.sibasishe< td=""><td>nse@cukerala.ac.in> w</td><td>rote:</td></dr.sibasishe<>	nse@cukerala.ac.in> w	rote:									

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. SATI 50.0 2021 at 11:52 AM

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Dear Madam

I approve the proposed changes in the MPH program.

With Regards,

Dr. C K Jagadeesan

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Unnikrishnan B [MAHE-KMCMLR] <unnikrishnan.b@manipal.edu> Sun, Jan 10, 2021 at 10:55 AM To: "Dr. Elezebeth Mathews" <dr.elezebethmathews@cukerala.ac.in>, raman kutty <kuttyr@gmail.com>, Jagdeesan CK <jagadeesancu@gmail.com>, "communitymedicine@gmail.com" <communitymedicine@gmail.com>, "Dr. Shailendra Kumar B Hegde" <shailendra.hegde@piramalswasthya.org>, Kr Thankappan <kr.thankappan@gmail.com>, "Dr. Sibasis Hense" <dr.sibasishense@cukerala.ac.in>

Dear Dr Elezebeth,

Greetings, I approve the proposed changes in the MPH curriculum.

With best regards,

Dr. B. Unnikrishnan, Associate Dean & Professor of Community Medicine, Kasturba Medical College, Mangalore, Manipal Academy of Higher Education, Manipal.

From: Dr. Elezebeth Mathews <dr.elezebethmathews@cukerala.ac.in> Sent: Friday, January 8, 2021 3:19 PM To: raman kutty; Jagdeesan CK; communitymedicine@gmail.com; Dr.Shailendra Kumar B Hegde; Unnikrishnan B [MAHE-KMCMLR]; Kr Thankappan; Dr. Sibasis Hense Subject: Approval for the amends in the MPH Program structure

[Quoted text hidden]

Dr.Shailendra Kumar B Hegde <Shailendra.Hegde@piramalswasthya.org> Sun, Jan 10, 2021 at 7:40 PM To: "Dr. Elezebeth Mathews" <dr.elezebethmathews@cukerala.ac.in>, raman kutty <kuttyr@gmail.com>, Jagdeesan CK <jagadeesancu@gmail.com>, "communitymedicine@gmail.com" <communitymedicine@gmail.com>, "Unnikrishnan B [MAHE-KMCMLR]" <unnikrishnan.b@manipal.edu>, Kr Thankappan <kr.thankappan@gmail.com>, "Dr. Sibasis Hense" <dr.sibasishense@cukerala.ac.in>

Dear Dr Elezebeth, Greetings,

I hereby approve the proposed changes in the MPH curriculum.

Thank You All the best

Get Outlook for iOS

From: Dr. Elezebeth Mathews <dr.elezebethmathews@cukerala.ac.in>

Sent: Friday, January 8, 2021 3:19:19 PM

To: raman kutty <kuttyr@gmail.com>; Jagdeesan CK <jagadeesancu@gmail.com>; communitymedicine@gmail.com <communitymedicine@gmail.com>; Dr.Shailendra Kumar B Hegde <Shailendra.Hegde@piramalswasthya.org>; Unnikrishnan B [MAHE-KMCMLR] <unnikrishnan.b@manipal.edu>; Kr Thankappan <kr.thankappan@gmail.com>; Dr. Sibasis Hense <dr.sibasishense@cukerala.ac.in>

Subject: Approval for the amends in the MPH Program structure

Elezebeth Math-

11/01/2021

Central University of Kerala Mail - Approval for the amends in the MPH Program structure

To "Dr.Shailendra Kumar B Hegde" <Shailendra.Hegde@piramalswasthya.org>

Co: raman kutty <kuttyr@gmail.com>, Jagdeesan CK <jagadeesancu@gmail.com>, "communitymedicine@gmail.com" <communitymedicine@gmail.com>, "Unnikrishnan B [MAHE-KMCMLR]" <unnikrishnan.b@manipal.edu>, Kr Thankappan <kr.thankappan@gmail.com>, "Dr. Sibasis Hense" <dr.sibasishense@cukerala.ac.in>

Dear Sirs.

Thank you for the kind approval.

Sincerely yours,

Elezebeth Mathews [Quoted text hidden]

raman kutty <kuttyr@gmail.com>

To: "Dr. Elezebeth Mathews" <dr.elezebethmathews@cukerala.ac.in>

Mon, Jan 11, 2021 at 10:00 AM

Cc: "Dr.Shailendra Kumar B Hegde" <Shailendra.Hegde@piramalswasthya.org>, Jagdeesan CK <jagadeesancu@gmail.com>, "communitymedicine@gmail.com" <communitymedicine@gmail.com>, "Unnikrishnan B [MAHE-KMCMLR]" <unnikrishnan.b@manipal.edu>, Kr Thankappan <kr.thankappan@gmail.com>, "Dr. Sibasis Hense"

The suggested changes are approved

RK

V Raman Kutty M D, M Phil, M P H (Harvard), FIACS Research Director, Amala Cancer Research Centre, Thrissur 680555

6

Epidemiologist and data science consultant

Honorary Chairman, Health Action by People

Ex- Professor, Sree Chitra Tirunal Institute for Medical Sciences and Technology, and Former head, Achutha Menon Centre for Health Science Studies Trivandrum 695011 INDIA Phone: 91-471-2552774 (Office)

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Semester-II Elective Course 3. Course Code & Title: MPC 50 03: Mixed-Methods in Health Sciences Credit: 3

Course objectives: This course will provide an overview of mixed-methods research mainly in the domain of public health. It will introduce students to the epistemological/philosophical underpinnings of mixed-methods approach, and examine the ways in which quantitative and qualitative research designs interact in the context of addressing a research question.

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

- 1. Understand the epistemological/philosophical underpinnings of mixed-methods approach.
- 2. Learn the strengths and weaknesses of using mixed methods in order to address research problems and answers research questions.
- 3. Develop a research proposal employing mixed-methods approach,
- 4. Apply mixed-methods approach in conducting a research of public health importance.

This is an employment focussed skill development course. On successful completion of the course the students shall be skilled at designing and conducting mixed methods research, triangulating quantitative and qualitative methods and writing for publications in mixed methods studies.

Teaching methods: This course will have an applied focus and delivered using a variety of methods and modalities. Such as interactive classroom and online lectures, self-study, case studies, written assignment, class room exercises using computers/software, quiz, field visit, group work, field survey, class room presentations in groups etc.

Units and Topics	Teaching Methods								Mandatory Readings
Unit-I: Introduction to mixed-methods research	L	FW	FV	CS	GW	SS	SP	Р	
 i. Definition and important features of mixed- methods designs and when to use a mixed them in public health; ii. Advantages and disadvantages of mixed method designs; 					x	x			Creswell JW, Klassen AC, Plano Clark VL, Smith KC. Best Practices for Mixed Methods Research in the Health Sciences. Office of Behavioral and Social Sciences Research (OBSSR) National Institutes of Health. 2011.

 iii. Historical development of mixed method designs; iv. Philosophical underpinnings of mixed method research and pragmatism; v. Steps in designing mixed methods study; vi. Skills needed to conduct mixed methods study. 									Creswell JW. A concise introduction to mixed methods research. SAGE publications; 2014 Mar 31. (Chapter-1: Basic Features of Mixed Methods Research) Creswell JW. A concise introduction to mixed methods research. SAGE publications; 2014 Mar 31. (Chapter-2: The Development and Advancement of Mixed Methods).
Unit-II: Mixed-methods Designs	L	FW	FV	CS	GW	SS	SP	Р	
 Selecting the appropriate mixed method design in health research; i. <u>Basic design:</u> Convergent parallel designs; explanatory and exploratory sequential designs; and Convergent parallel mixed methods ii. <u>Advanced designs:</u> Embedded mixed method designs; transformative designs; and multi-phase designs. 	X			x		x		X	 Tariq S, Woodman J. Using mixed methods in health research. JRSM short reports. 2013 May 7;4(6):2042533313479197. Creswell JW. A concise introduction to mixed methods research. SAGE publications; 2014 Mar 31. Chapter 5. Basic and Advanced Mixed Methods Designs. Creswell, John W. 2008. Research Design: Qualitative, Quantitative, and Mixed Methods Approaches. Sage Publications, Inc.; 3rd edition. ISBN-10: 1412965578 Creswell JW. A concise introduction to mixed methods research. SAGE publications; 2014 Mar 31. Chapter 5. Basic and Advanced Mixed Methods Designs.

Unit-	III: Integrating Quantitative and Qualitative	Des	igns							
i. ii. iii. iv.	Sampling and data collection in mixed method research; Strategies of integration in mixed-methods research; Analyzing and interpreting data in mixed method research; Quality in mixed-methods: Reliability and validity in mixed-methods research;		FW	FV	CS X	GW X	SS X	SP	P X	 Teddlie, Charles, and Fen Yu. "Mixed methods sampling: A typology with examples." Journal of mixed methods research 1.1 (2007): 77-100. Onwuegbuzie JA, Johnson RB. The Validity Issue in Mixed Research. Research in the Schools. Spring 2006;13(1):48-63. Caracelli, V. J., & Greene, J. C. (1993). Data analysis strategies for mixed-method evaluation designs. Educational Evaluation and Policy Analysis, 15(2), 195- 207. Leahey, E. (2007). Convergence and confidentiality? Limits to the implementation of mixed methodology. Social Science Research, 36(1), 149-158.
	III: Writing a mixed-method study for cations	L	FW	FV	CS	GW	SS	SP	P	
i. ii. iii. iv.	Guidelines for writing research reports in mixed method designs in public health. Important consideration of writing a proposal employing mixed-methods design in public health. Important journals in mixed-methods publishing studies of public health importance. Mixed-methods research in scientific papers (Notable papers employing mixed- methods designs in public health)	X					X			Leech NL, Onwuegbuzie AJ, Combs JP. Writing publishable mixed research articles: Guidelines for emerging scholars in the health sciences and beyond. International Journal of Multiple Research Approaches. 2011 Apr 1;5(1):7-24. Creswell JW, Tashakkori A. Developing publishable mixed methods manuscripts. Park, E., et al. "A qualitative study of lung cancer risk perceptions and smoking beliefs among national lung screening trial participants."

									Brault, M., et al. "Multilevel Perspectives on Female Sterilization in Low-Income Communities in Mumbai, India."
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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. Bryman, A. (2016). Social research methods. Oxford university press.
- 2. Teddlie C, Yu F. Mixed Methods Sampling A Typology with Examples. J Mix Method Res. Jan 2007;1(1):77-100. DOI: 10.1177/2345678906292430
- 3. Moffatt S, White M, Mackintosh J, Howel D. Using quantitative and qualitative data in health services research what happens when mixed method findings conflict? [ISRCTN61522618]. BMC Health Services Research. Mar 8 2006;6. PMID: 16524479
- 4. Bazeley P. Editorial: Integrating Data Analyses in Mixed Methods Research Journal of Mixed Methods Research 2009; 3; 203 DOI: 10.1177/1558689809334443.
- 5. Onwuegbuzie AJ, Collins KM. The Role of Sampling in Mixed Methods-Research. KZfSS Kölner Zeitschrift für Soziologie und Sozialpsychologie. 2017 Oct 1;69(2):133-56.
- 6. Newman I, Newman D, Newman C. Writing research articles using mixed methods: Methodological considerations to help you get published. The handbook of scholarly writing and publishing. 2011:191-208.