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Summary

I am a graduate in international public health from University College London and Curtin University. I have over 20 years of experience in teaching, mentoring, consultancy and research in global public health focussing on healthcare system, health services utilisation, social and behavioural factors for maternal deaths, behaviour change communication and program evaluation. I use mixed-methods and have over 70 publications in international peer reviewed journals in the areas of maternity service utilisation, quality of maternity services, causes of maternal morbidity and mortality, gender preference, abortions, family planning, and breastfeeding (Google Scholar citations 2910, h-index 33, and i10-index 53).

Current Contact Information

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Education

PhD (Public Health, 2011-2015)

School of Public Health, Curtin University, Perth, Australia.

Thesis title: "A cohort study of the utilisation of institutional delivery services and pregnancy outcomes in the Kaski district of Nepal." I used quantitative methods to analyse data from 701 pregnant women to investigate birth preparedness, use of institutional delivery, reproductive morbidities and pregnancy outcomes. My thesis is on publication format with a series of five papers and approved with minor corrections.

M.Sc. (International Health, 2004-2005)

University College London, United Kingdom

A joint master's degree programme of TropEd. Study undertaken in three Institutes:

- Institute of Global Health (then Centre for International Health and Development), University College London, University of London; (Core Course: Orientation to learning, current issues in international child health, health policy and management, social development and health, introduction to research methods)
- Institute of International Health and Development, Queen Margaret University College, Edinburgh; (Advanced Modules: Project Design and Management, Policy and Practice in complex Emergencies, Psychosocial interventions with war-affected populations)
- Faculty of Health Sciences, University of Copenhagen. (Thesis: A psychosocial intervention approach to the adolescents displaced by armed conflict in Nepal)

M.Sc. (Zoology, 1998-2000)

Tribhuvan University, Central Dept. of Zoology; 1998-March 25, 2001. Specialization in Parasitology with dissertation work on Malaria

Employment

Arizona State University, College of Health Solutions, Phoenix, AZ **1/2023-present**
Assistant Teaching Professor (Global Health)
(80% teaching, 20% service)

B.P. Koirala Institute of Health Sciences, Dharan, Nepal
Associate Professor (Public Health) 02/2016-12/2022
Assistant Professor (Public Health) 02/2010-01/2016
Senior Instructor (Public Health) 11/2005-01/2010

Teaching, Mentoring and Curriculum Design Experience

Teaching Experience

Teaching Experience at Arizona State University, Phoenix, AZ

Year	Semester	Session	Modality	Course Prefix: Name	# students
2026					
2025	Spring	A	In-person	HCD 520: Population Health	12
	Spring	A	Online	HCD 420: Population Health Management	50
	Spring	B	Online	HCD 303: Global Health Care Systems	52
	Spring	B	Online	POP 100: Intro to Population Health	59
	Spring	C	Hybrid	HCD 303: Global health Care Systems	18
	Summer	A	Online	HCD 303: Global Health Care Systems	40
	Summer	A	Online	HCD 303: Global Health Care Systems	43
	Fall	B	Online	PBH 494: Global Sexual and Reproductive Health	16
	Fall	B	Online	HCD 303: Global health Care Systems	49
	Fall	A	Online	POP 100: Intro to Population Health	55
2024	Fall	C	Hybrid	HCD 420: Population Health Management	8
	Fall	C	Hybrid	POP 100: Intro to Population Health	22
	Fall	A	Online	HCD 303: Global Healthcare System	52
	Fall	B	Online	HCD 303: Global Healthcare System	55

	Spring	B	Online	HCD 420: Population Health Management	47
	Spring	B	Online	POP 100: Intro to Population Health	59
	Spring	C	Hybrid	HCD 303: Global Healthcare System	46
	Spring	C	In-person	POP 100: Intro to Population Health	12
	Summer	A	Online	POP 100: Intro to Population Health	41
	Summer	A	Online	HCD 303: Global Healthcare System	37
	Fall	A	Online	POP 100: Intro to Population Health	55
	Fall	C	In-person	POP 100: Intro to Population Health	26
	Fall	A	Online	HCD 303: Global Healthcare System	49
	Fall	B	Online	HCD 303: Global Healthcare System	54
	Fall	C	Hybrid	HCD 420: Population Health Management	12
2023	Spring	C	Hybrid	PBH 422: Health Disparities	26
	Spring	A	Online	POP 100: Intro to Population Health	95
	Spring	C	Hybrid	HCD 303: Global Healthcare System	31
	Spring	B	Online	HCD 303: Global Healthcare System	56
	Summer	A	Online	HCD 303: Global Healthcare System	31
	Fall	A	Online	POP 100: Intro to Population Health	56
	Fall	C	In-person	POP 100: Intro to Population Health	28
	Fall	A	Online	HCD 303: Global Healthcare System	55
	Fall	B	Online	HCD 303: Global Healthcare System	54

Teaching Experience at B. P. Koirala Institute of Health Sciences, Dharan, Nepal.

I co-ordinated and taught following courses for MPH program (15-20 students)

Year	Course	Brief contents
2006-2022	International Health and Primary Health Care	<p>What is public health and international/global health? Important global and national public health issues; key international strategies and policies for global health (PHC, MDGs, SDGs); globalisation and its impact on public health; key actors in global health</p> <p>Alma-Ata declaration and principles of PHC; selective PHC; determinants of health --case study and discussion; PHC vision and success stories; health for all and Revitalisation of PHC; Operational aspects of PHC and district health system; PHC and health system of Nepal</p>
2016-2022	Health Promotion and Behavior	Health promotion strategies and approaches; theories of behaviour change communication and their application; developing IEC and (S) BCC messages for communication campaign (communication

	Change Communication	strategy, creating effective messages and developing creative brief); monitoring and evaluation of (S)BCC creating
2016-2022	Project Design and Evaluation	Introduction to health planning (strategic and operational); introduction and overview of projects and project cycle management; situation analysis (problem identification); stakeholder analysis; project planning with the logical framework approach; project implementation, monitoring and evaluation; challenges and project sustainability

Mentoring Experience

Arizona State University

Undergraduate Capstone

Student Name and Project title	Role	Dates of Activity
Kacey Ruddock, "Reducing obesity among overweight or obese females who are perimenopausal or menopausal, and living in the United States"	Second Mentor	2024, Spring

Undergraduate Honor's Thesis and Independent Study Mentor

Student Name and Project title	Role	Dates of Activity
Medha Varma, "Understanding Gun Violence: A Comparative Analysis of Arizona's Counties"	Second Mentor	2024, spring
Katie Stuart, "A Case Study on the Causes of Sexual Trafficking of Persons in the Sacramento County"	Primary Mentor	Fall 2024-Spring, 2025
Parnavi Pateria	Primary Mentor	Fall 2025-
Leslie Buchin	Second Mentor	

Undergraduate Honors Enrichment Contracts

Semester	Students	Class
2023 Spring C	Michelle Aguirre David Acosta Gomez	HCD 303 Global Healthcare System
2023 Fall B	Hunter Collins	HCD Global Healthcare System
2024 Spring C	Juliana Tellez	HCD Global Healthcare System
2024 Fall B	Reagan Nolde	HCD Global Healthcare System

2025 Spring B	Katie Pollock's	HCD Global Healthcare System

Undergraduate Teaching Assistants

Semester	Students	Class
2025 Fall B	Diego Diaz	HCD 303: Global Healthcare System
2026 Spring A		

Graduate Teaching Assistants

Year, Semester	Students	Class
2023 Spring B	Natalia Navas	HCD 303: Global Healthcare System POP 100: Intro to Population Health
2023 Fall A	Jolyn Lamb	POP 100: Introduction to Population Health
2023 Fall B	Tearra Sheidler	HCD 303: Global Healthcare System
2024 Spring B	Elizabeth Escobedo	POP 100: Introduction to Population Health
2024 Fall A/B	Ariana Gomez	HCD 303 Global Healthcare System and POP 100 Introduction to Population Health
2024 Fall A	Anastasiya Andreyeva	HCD Global Healthcare System
2025 Spring B	Dylan Bia	POP 100: Introduction to Population Health
2025 Spring B	Harshita Karumudi	HCD Global Healthcare System
2025 Fall A/B	Kobi Nguyen	HCD Global Healthcare System
2025 Fall B	Siddhi Uday Kulkarni	HCD Global Healthcare System
2025 Spring B	Dylan Bia	POP 100 Introduction to Population Health
2025 Fall A	Hannah Mohammadibalini	POP 100 Introduction to Population Health

Nepal and Australia

I mentored 12 MPH students as primary supervisors in B.P. Koirala Institute of Health Sciences, Nepal and two PhD students (one in University of Queensland and another in Curtin university) as so-supervisors between 2016-2022.

Curriculum Design and Course Lead Experience

HCD 303: Global Healthcare System (Activity: 2023 Summer and Fall)

I updated and enhanced HCD 303 Global Healthcare System course to make it more inclusive in global perspective in consultation with the course lead, Rijwana Biviji. I introduced new concepts and contents such as health system frameworks, design, financing mechanisms, primary health care, universal health coverage, comparative healthcare system analysis and population health management with integrated healthcare system.

Especially, I developed two modules: health system frameworks and governance; and comparative healthcare system analysis with addition of two important e-books and several articles in Canvas shell of HCD 303. Altogether, I recorded 10 video lectures of 15-20 minutes for this course during the summer of 2023. I have also revised In-Class activities and Yellowdig topics that includes new topics such as role of government, health system frameworks, social health insurance in India/Nepal; and this will enhance the global inclusiveness of the course.

POP 100: Introduction to Population Health Redesign and Course lead (Activity: 2023 Fall-2025 Spring)

I led the redesign of POP 100 course in consultation with Zach Cordell, Lauren Savaglio and Joshua Anbar. The redesigned course was offered in the fall of 2024 both in on-line and hybrid format for the first time. During the process, new textbook was adopted and 7 modules were redesigned with 16 new recorded lectures and Yellowdig for discussion topics. One of the new focus and new modules in this course is Public Health Workforce and Education to discuss public health services, occupations, workforce and careers. I also updated the group work project and presentation with new instruction guidelines and rubrics.

This redesigned course was offered both in hybrid and online format in the fall of 2024. I received students' and peer reviewer's feedback on this course and revised the learning materials, group project, and quizzes in Spring, 2025.

New course Development: PBH 494 Global Sexual and Reproductive Health (Activity 2023 Fall-2025 Summer)

I developed the new course "PBH 494: Global Sexual and Reproductive Health". The work started in Fall, 2023 with syllabus approved from Curriculum Committee of CHS and subsequently passed through Instructional Design. I completed developing this course in 2024 Fall in hybrid format working with CHS teaching academy. I continued working on this course with CHS online Instructional Design in Spring and Summer, 2025 to convert it into online interactive format, with the help of AI.

This course explores key components and interventions in sexual and reproductive health both from a domestic and global perspective in line with Sustainable Development Goals 3 and 5. Seven modules were developed with 14 recorded video lectures and seven discussion topics. Group work (policy paper and presentation with instructions and rubrics), and quizzes for modules, midterm and final exam were prepared for course assessments.

HCD 420: Population Health Management (Activity 2023 Fall-2024 Spring)

I taught HCD 420 Population Health Management course for the first time in Spring of 2024. I got 7 lecture videos recorded and used PlayPosit tool to host these lecture videos.

HCD 520 Population Health (in-person, Activity 2025 Spring)

I taught this in-person course in the Spring of 2025. I revised this course and updated in-person course shell. I prepared new lecture and learning materials including 12 PowerPoints; 6 in-class discussion topics and scenarios; and four new journal articles for in-class presentation. These new and revised materials were in the modules: health inequity and social determinants; workforce diversity and its development; health promotion and behavior change; and policy and advocacy. I also prepared quiz questions for midterm and final exams.

Professional Development

Trainings/Workshops/Webinar/Conference Attended (After 2022)

Time	Title	Organization	Credit or CPE hours	Description
2025/06/04-2025/06/06	Health Equity Course	College of Health Solutions, ASU	10	This online course presented by CHS Health Policy and Equity Affinity Network is related to bridging the health gaps by strategies on fostering health equity, reducing implicit bias, and addressing social determinants of health.
2025/07/08-2025/07/19	Master Class for Teaching Online Workshops	EdPlus Digital Learning	16	Two-week online workshop of Master Class for designing and teaching online courses (effective interactions, course quality and alignment, course design, course content, instructor presence)
2025/01/15	Student Accessibility and Inclusive Learning Services: Orientation	College of Health Solutions, ASU	1.5	This accessibility webinar provided opportunities to learn best practices for alternative formats and accommodations, and about faculty portal to know and response to students enrolled in SAILS
2024/08/28	Inclusive Training Workshop	College of Health Solutions, ASU	2	how one's identity can contribute to valuable interactions in settings with students with different backgrounds, and how to better

				support first generation students and students of different genders and sexualities.
2024/05/13-2024/08/09	CHS Summer 2024 Teaching Academy Course,	College of Health Solutions, ASU	50	This 12 week long course aims to equip learner to develop a Canvas course that contains course objectives, module objectives and schedule (syllabus); course assessments and assignments creation.
2024/03/21-2024/03/22	National Conference for the Coalition for Transformational Education	LearningWell Coalition		This virtual conference was about higher education: peer support, career preparation, and happiness
2024/01/23	CourseArc Webinar	College of Health Solutions, ASU	1.5	How to use CourseArc on teaching and Canvas
2024/01/26	Implicit Bias and Microaggression Training	College of Health Solutions, ASU	1.5	This is in-person workshops to enhance inclusive teaching by knowing implicit bias and microaggression
2024/02/29	Practical AI to help instructors that you can use in your LMS today	College of Health Solutions, ASU	1	How to handle AI in Canvas and teaching
2024/03/18	Re-Imagineering your courses: Using Disney concepts to reconceive your course	College of Health Solutions, ASU	1	How to navigate, organize and build course
2024/03/21	AI, Copyright, and Considerations for Ethical Use	College of Health Solutions, ASU	1	ethical use and copyright of AI
2024/03/07	Best Practices for Teaching Online	College of Health Solutions, ASU	1	An hour webinar to enhance online teaching
2024/02/20	AI Ethics in the Classroom	College of Health Solutions	1	An hour webinar on the use of AI in classroom
2023/08/23-2023/08/24	Maternal Health Virtual Conference	Arizona Department of Health Services	8	Presentation in this conference were related to maternal health issues, interventions and policies, focusing in Arizona.
2023/10/17-2023/10/18	Health Problems of Nepalese Labor Migrants	College of Health Solutions, Integrated Healthcare Conference	8	I presented a review paper on health problems of Nepalese labor migrants.

2023/09/06-2023/12/20	Miracle Workshop Live one-to-one session	Miracle Pronunciation Academy	12	I practiced half an hour each week face-to-face pronunciation workshop with Paul Gruber for my accent modification for 3 months.
2023/07/18	ASU Online Services and Resources for Faculty Teaching Online	College of Health Solutions, ASU	2	I participated in this online session, especially tools for online discussion such as Yellowdig.
2023/04/14-2023/04/15	Management of health information of Nepalese labor migrants	Nepali Academic in America	4	My presentation described the status of health records of labor migrants in Nepal and challenges.
2023/01/12-2023/05/19	CHS Faculty Cohort Mentoring Sessions	College of Health Solutions, ASU		These mentoring sessions consists of activities and information of CHS.
2023/04/06	Maternal and Child Mental Health Conference	Maternal and Child Health Translational Research Team, CHS	4	Virtual conference related to maternal mental health.

ASU/College of Health Solutions Service

Time	Title	Organization	Description
March, 2023-Present	Member, Maternal and Child Health Translational Team)	College of Health Solutions, ASU	Participation in meetings and discussions
May 2023-May 2024	Member, Global Engagement Affinity Network)	College of Health Solutions, ASU	Participation in meetings, student mentoring and assisting in research publications for the network
Aug 2023-Present	Population Health MS Curriculum Committee	College of Health Solutions, ASU	Participation on curriculum committee meeting
Aug 2023-Aug 2024	Public Health BS Curriculum Committee	College of Health Solutions, ASU	Participation on BS Curriculum Committee meeting, Discussion on POP 100 redesign and new Global and Sexual Health course development
Jan 2024-May 2024	Member, Annual Review Performance Evaluation Committee	College of Health Solutions, ASU	I reviewed 7 cases and provided feedback.
Aug 2024-Present	Member (Global Education Committee)	College of Health Solutions, ASU	Evaluation and feedback on study abroad proposal submitted to Global Education Committee

Projects and Consultancies (Before 2023)

Disability Project (2006)

- Worked as a consultant for the Disability survey carried out by World Vision in Sunsari District of Nepal.

Maternal Mortality Study (2018-2020)

- Working as consultant for Mother and Infant Research Activities (MIRA) to bid and implement a large maternal mortality study in Nepal, funded by Department for International Development, UK.

Evaluation on Sexual and Reproductive Health (2019-2020)

- Worked as consultant to evaluate two projects implemented by Save the children, Nepal in 2019: (i) Maternal, Neonatal and Child Health Project, that focussed on the disadvantaged communities in four districts of Nepal and the Healthy Transitions for Nepali Youth Program that targets adolescents and youth in the rural, remote and marginalised populations in four districts of Western Nepal
- Worked as consultant to evaluate PLAN Nepal project in Sexual and Reproductive Health and Rights in two districts of Eastern Nepal in 2020

Professional Training (Before 2023, selected)

- Three months Regional **Field Epidemiology Training Programme** (FETP, South East Asia Region), as a WHO Fellow from Nepal, Conducted from 1st August, 2006 to 31st October 2006 in National Institute of Communicable Diseases, New Delhi (NICD, a WHO Collaborating Centre for Epidemiology and Training), Directorate General of Health Services, Government of India.
- Participation on the course on **Public Private Partnership for Health**, Nov 23 to Dec 4, 2009, Yogyakarta, Indonesia. The course is organised as International Health Winter School by University of Gadjah Mada and Charite University with support from DAAD
- Three days training on '**Qualitative Research Methods**' conducted by Faculty of Health Sciences, Curtin University in April 6-8, 2011.
- 5-week training course on **Leadership and Communication**, conducted by Australian Technology Network (ATN) in May 2013.
- 5-week training course on **Project Management**, conducted by Australian Technology Network (ATN) in October 2013.

Conference presentations (Before 2023, selected)

- Participation and oral presentation entitled ***“Birth spacing and use of contraceptives by multiparous women in Eastern Nepal”*** on the 48th Asia-Pacific Academic Consortium for Public Health conference held at Teikyo University, Tokyo, Japan 16-19 September 2016
- Participation and oral presentation (***Pregnancy outcomes in Nepal: A prospective cohort study***) on the Australian Epidemiology Association Conference on ***Life Course Approach to Health and Wellbeing***; October 20-22, 2013, Brisbane Convention and Exhibition Centre, Queensland, Australia.
- Participation and Poster presentation (***Does birth preparedness packages increase facility delivery? Results from a prospective cohort study in Nepal***) on 5th Annual Global Health conference of consortium of Universities for Global Health: Universities 2.0: Advancing Global Health in the Post-MDG Era; May 10-12, 2014, The Washington Hilton, Washington DC, USA.
- Participation on the 38th Asia-Pacific Academic Consortium for Public Health (APACPH) Conference held in Bangkok from 2nd December to 6th December, 2006. Fully supported by APACPH Scholarship to present my abstract on ***“Psychosocial Intervention to Adolescents Affected by Armed Conflict: A Case of Nepal”*** under the track Social Medicine.

Journal Review

Associate Editor (BMC Public Health, 2015-2019): BMC Public Health (Global Health section) January, 2015 to January 2019. I handled on average 3 articles per year from submission to publications

Reviewer (American Journal Experts/Research Square LLC, 2019-Present): I have been reviewing manuscripts related to global public health, mainly maternal health and breastfeeding since 2019.

I reviewed a total of, 12 Manuscripts in 2023, over 25 manuscripts in 2024, and over 30 manuscripts in 2025 for open access journals mainly BMC Journals: BMC Women's Health, BMC Health Services Research, BMC Primary Care, Health Economics Review, International Journal of General Medicine, BMC Pregnancy and Childbirth, BMC Musculoskeletal Disorders, Discover Health Systems, BMC Public Health, BMC Nutrition, BMC Medical Education, BMC Paediatrics, BMC Primary Care

Professional Members

Arizona Rural Health Association (December 2025-Present)

Awards, Honors, Scholarships and Grant

Name of Award	Awarding/Selecting Body
Faculty Rookie of the Year Award (2024)	College of Health Solutions, Arizona State university

Visiting Fellow (02/01/2022-01/01/2025)	Faculty of Medicine and Health, University of Sydney (to pursue invited lectures in Master in Global Health Program and supervising students' capstone's projects in Global Health)
Fulbright Visiting Scholar (2019)	Selected as alternate candidate for Fulbright postdoctoral fellowship for 2018 by Fulbright Commission of Nepal as a Takemi Fellow in International Health in Harvard T.H. Chan School of Public Health
Young Oral Presentation Award (2016)	48 th Asia-Pacific Academic Consortium for Public Health conference held at Teikyo University, Tokyo, Japan 16-19 September 2016
Australia Awards Scholarship (2011-2014)	Government of Australia to undertake PhD
APACPH grant (2006)	38 th Asia-Pacific Academic consortium to participate the Asia Pacific Academic consortium for Public Health Conference (APACPH)
Fellowship of World Health Organisation (2006)	WHO South East Asia Office, to undertake 3 months Field epidemiology Training Programme in New Delhi, India
Erasmus Mundus Scholarship (2004)	European Union to undertake TropED's master in International Health course

Publications

More than 70 articles on global public health, mainly on utilisation of health services, sexual and reproductive health, and breastfeeding: [\(Google Scholar citations 2910, h-index 33, and i10-index 53\).](#)

Selected Publications:

1. **Karkee, R.**, Gurung, M., Poudel, L. et al. Management of health information of nepalese labour migrants. *Globalization and Health* 19, 30 (2023). <https://doi.org/10.1186/s12992-023-00927-8>
2. **Karkee R**, Gurung M, Poudel L, Baral C, Adhikary P, Krishna KCR, Gurung S, Gajdadziev V, Duigan P, Inkochasan M, Wickramage K, Gurung G. Health problems of nepalese labor migrants: A scoping review. *WHO South East Asia J Public Health*. 2022 Jul-Dec;11(2):128-134. doi: 10.4103/WHO-SEAJPH.WHO-SEAJPH_227_21.
3. Khatri RB, **Karkee R**, Durham J *et al*. Universal coverage of the first antenatal care visit but poor continuity of care across the maternal and newborn health continuum among Nepalese women:

- analysis of levels and correlates. *Global Health* **17**,141 (2021). <https://doi.org/10.1186/s12992-021-00791-4>
4. **Karkee R**, Tumbahangphe T, Maharjan N, Budhathoki B, Manandhar D. Who are dying and why? A case series study of maternal deaths in Nepal. *BMJ Open* 2021; **11**:e042840. doi:10.1136/bmjopen-2020-042840
 5. **Karkee R**, Tumbahangphe T, Morgan A, Maharjan N, Budhathoki B, Manandhar D. Policies and actions to reduce maternal mortality in Nepal: Perspectives of key informants. *Sexual and Reproductive Health Matters*, 29:2, doi: [10.1080/26410397.2021.1907026](https://doi.org/10.1080/26410397.2021.1907026)
 6. **Karkee R** and Morgan A. Providing maternal health services during the COVID-19 pandemic in Nepal. *The Lancet Global Health*, 2020, August, DOI: [https://doi.org/10.1016/S2214-109X\(20\)30350-8](https://doi.org/10.1016/S2214-109X(20)30350-8)
 7. **Karkee R**, Adhikary S, Thapa D, Jha N. A cross-sectional survey of contraceptive use and birth spacing among multiparous women in eastern Nepal. *Asia Pacific Journal of Public Health*, 2020, 32 (2-3): 91-95
 8. Khatri, R. B., & **Karkee, R**. "Social determinants of health affecting utilisation of routine maternity services in Nepal: a narrative review of the evidence." *Reproductive Health Matters*, 2018 Nov.
 9. **Karkee R**, Lee AH. "Birth spacing of pregnant women in Nepal: A community-based study." *Front Public Health*; 2016, 4:205.
 10. Khanal V, **Karkee R**, Lee AH, Binns CW. "Adverse obstetric symptoms and rural-urban difference in cesarean delivery in Rupandehi district, Western Nepal: a cohort study." *Reprod Health*, 13, 17 (2016). <https://doi.org/10.1186/s12978-016-0128-x>
 11. **Karkee R**, Khanal V. "Postnatal and neonatal care after home birth: a community-based study in Nepal." *Women and Birth*, 2016; 29 (3): e39-e43.
 12. **Karkee R**, Lee AH, Binns CW, Khanal V, Pokharel PK. "Incidence of Low Birthweight in Central Nepal: A Community-Based Prospective Cohort Study." *Matern Child Health J*. 2015 **19** (1): 1-5.
 13. **Karkee R**, Lee AH, Khanal V, Binns CW. "A community-based prospective cohort study of exclusive breastfeeding in central Nepal." *BMC Public Health*, 2014, **14**:927.
 14. **Karkee R**, Lee AH, Khanal V, Binns CW. "Infant feeding information, attitudes and practices: a longitudinal survey in central Nepal." *Int Breastfeed J*, 2014, 9:**14**.
 15. **Karkee R**, Lee AH, Khanal V, Binns CW. "Initiation of Breastfeeding and Factors Associated with Prolactal Feeds in Central Nepal." *J Hum Lact*, 2014, **30** (3):353-357.
 16. **Karkee R**, Lee AH, Khanal V. "Need factors for utilisation of institutional delivery services in Nepal: an analysis from Nepal Demographic and Health Survey, 2011." *BMJ Open* 2014; **4**:e004372.

17. Khanal V, Gavidia T, Adhikari M, Mishra SR, **Karkee R**. "Poor Thermal Care Practices among Home Births in Nepal: further Analysis of Nepal Demographic and Health Survey 2011." PLoS One, 2014, **9**(2)
18. Khanal V, Adhikari M, **Karkee R**, Gavidia T. "Factors associated with the utilisation of postnatal care services among the mothers of Nepal: analysis of Nepal Demographic and Health Survey 2011." BMC Women's Health, 2014, **14**:19.
19. **Karkee R**, Lee AH, Khanal V, Pokharel PK, Binns CW. "Obstetric complications and cesarean delivery in Nepal." Int J Gynaecol Obstet. 2014 **125** (1):33-36.
20. **Karkee R**, Lee AH, Pokharel PK. "Women's perception of quality of maternity services: a longitudinal survey in Nepal." BMC Pregnancy Childbirth, 2014, **14**:45.
21. **Karkee R**, Lee AH, Binns CW. "Bypassing birth centres for childbirth: an analysis of data from a community-based prospective cohort study in Nepal." Health Policy Plan. 2015 **30** (1) 1-7.
22. **Karkee R**, Kadariya J. "Choice of health-care facility after introduction of free essential health care services in Nepal." WHO South-East Asia Journal of Public Health, 2013; **2** (2):96-100
23. **Karkee R**, Lee AH, Binns CW. "Why women don't utilise maternity services in Nepal: a literature review." WHO South-East Asia Journal of Public Health, 2013, **2**(3-4):135-141.
24. **Karkee R**, Lee AH, Binns CW. "Birth preparedness and skilled attendance at birth in Nepal: Implications for achieving millennium development goal 5." Midwifery, 2013, **29** (10):1206-1210
25. **Karkee R**, Binns CW, Lee AH. "Determinants of facility delivery after implementation of safer mother programme in Nepal: a prospective cohort study." BMC Pregnancy Childbirth, 2013, **13**:193.
26. **Karkee R**. "How did Nepal Reduce the Maternal Mortality? A Result from Analysing the determinants of Maternal Mortality." J Nepal Med Association, 2012 **52** (186): 88-94
27. **Karkee R** and Jha N. "Primary Health Care Development: Where is Nepal after 30 years of Alma Ata Declaration?" J Nepal Med Association, 2010, **49**(178):178-184.