

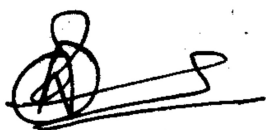
REPORT

Report on participation of the ICMR International Fellow (ICMR-IF) in Training/Research abroad.

1.	Name and designation of ICMR- IF	Dr. Zinia T. Nujum
2.	Address	Office -Additional Professor, Community Medicine, Government Medical College, Kollam, Kerala. Residence - TC 96/2827, House No: 818, Prasanth Nagar, Medical College PO, Trivandrum, Kerala - 695011
3.	Frontline area of research in which training/research was carried out	Health Economics - Cost-Effectiveness Analysis & Infectious Diseases Modelling
4.	Name & address of Professor and host institute	Professor Alistair McGuire , Head of Department, Professor of Health Economics, Department of Health Policy, The London School of Economics and Political Sciences (LSE)
5.	Duration of fellowship with exact date	15-02-2023 to 14-05-2023; three months
6.	Highlights of work conducted	
6.1.	Technique/expertise acquired (Methods of learning and acquiring skills *SDL - Self Directed Learning)	<p>6.1.1.Health Economic Evaluation using Cost-Effectiveness Analysis; Decision Modelling</p> <p>(SDL using LSE Moodle Courses HP4C3E -Economic Evaluation in Health Care & HP 21 Economic Analysis for Health Policy in Low and Middle Income Countries; attending few lectures and book on Decision Modelling Decision modelling for Health Economic Evaluation Andrew Briggs et al)</p> <p>6.1.2.Infectious Diseases Modelling</p> <p>(Course of Modern Techniques in Infectious Modelling at London School of Hygiene and Tropical Medicine 17-04-23 to 20-04-23)</p> <p>6.1.3.Developing a systematic search</p> <p>(SDL LSE Moodle course on Developing a systematic search and online discussion and interaction with information Specialist at LSE)</p> <p>6.1.4.Systematic Review of Economic Evaluation</p> <p>Use of end note and Rayyan for Systematic Review</p>

		<p>(Work on Cost-effectiveness of One Health interventions for Rabies Elimination- A Systematic Review)</p> <p>6.1.5.Fundamentals of R (Attended the R Fundamental workshop Series consisting of seven sessions at the Digital Skills Lab, LSE)</p>
6.2.	Research results, including any papers, prepared/submitted for publication	<p>6.2.1. Submitted for Publication</p> <ul style="list-style-type: none"> The Equity perspective of One Health: Reflections from experience on working with Rabies and the Opportunity for Kerala submitted to International Journal for Equity in Health <p>6.2.2. Prepared Draft of paper for submission Cost-effectiveness of One Health interventions for Rabies Elimination- A Systematic Review Planning to submit to Transactions of the Royal Society of Tropical Medicine and Hygiene</p> <p>6.2.3. Speaker for a Global Health Seminar Series at Centre for Health Economics (CHE) at York on 3.05.2023 Details and Abstract available at https://www.york.ac.uk/che/seminars/global-health/2023-seminars/zinia-nujum/</p> <p>6.2.4. Invited for a talk at Boyd Orr Centre for Population and Ecosystem Health, School of Biodiversity, One Health & Veterinary Medicine University of Glasgow on 12.05.2023 and a meeting with Dr. Katie Hampson Professor of Disease Ecology & Public Health and her team at the Centre.</p>
6.3.	Proposed utilization of the experience in India	<p>6.3.1. Follow up of work initiated at LSE</p> <p>6.3.1.1. June to October 2023 - Work on an individual based stochastic model to find the cost-effectiveness of selective pre-exposure prophylaxis compared to Mass Dog Vaccination, Post Exposure Prophylaxis and other One Health Interventions for Rabies Prevention in Kerala. The team lead by Dr. Katie Hampson at the School of Biodiversity, One Health & Veterinary Medicine University of Glasgow have expressed their</p>

		<p>interest in collaborating for the modelling work and she has assigned a post doc fellow Martha for the purpose. Collaboration with CHE York for the cost- effectiveness analysis is also workable.</p> <p>6.3.1.2. Submitted a proposal in response to call for investigator-initiated research proposals for small extramural grants.</p> <p>“Clinical effectiveness, Cost-effectiveness and Budget Impact Analysis of a “One Health Implementation Model for Rabies Prevention (OHIMRaP)“ in Humans and Animals - A Feasibility Study” If grant is obtained, we can start working on this project from October 2023 onwards</p> <p>6.3..2. Vision for changes in Health Scenario, Health system and Medical Education in India and Kerala</p> <ul style="list-style-type: none"> • Work towards Rabies Elimination in India - Advocacy, Implementation Research and Program activities with special emphasis on tribal areas • Undergraduate M.B.B.S Electives - Offer a course on Health Economics • Module/ short foundation course in Health Economics for post graduates in Community Medicine, MPhil clinical Epidemiology and PhD scholars • Develop a Centre for Infectious Diseases and One Health under School of Health Policy, Kerala University of Health Sciences • Development of Information scientists - Library staff training and make more Database accessible through Libraries of Medical Colleges • Development of IT departments in Medical Colleges to aid health care delivery and Medical Education through Moodle platform
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Dr. Zinia T.Nujum