



**THE NETWORK**  
TOWARDS UNITY FOR HEALTH



Facultad de Medicina



THE NETWORK: TOWARDS UNITY  
FOR HEALTH & FACULTAD DE MEDICINA,  
UNAM, PRESENT

# TUFH2020 MEXICO

**VIRTUAL CONFERENCE**

"PRIMARY HEALTH CARE: A PATH  
TOWARDS SOCIAL JUSTICE"

SYSTEMS AND COMMUNITY BASED  
RESPONSES TO COVID-19

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## TUFH 2020 Abstracts

<b>Title</b>	<b>Interprofessional Health Care Undergraduate-Student Empowering Rural Health Cadre Using Blended Learning in Community Settings</b>
<b>Type</b>	Oral Presentation Working with Underserved Populations towards Community Empowerment
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<b>Abstract N<sup>o</sup></b>	TUFH139
<b>Content</b>	<p>Interprofessional education and blended learning as an educational method implemented globally. Indonesia as a middle-income archipelago country dealing with various healthcare challenges especially in the rural area. In this context, community health cadre provide significant contribution to address the problems. This study aims to improve community health cadre knowledge on family-health issues using blended learning methods facilitated by interprofessional students. Method: An interprofessional group of undergraduate medical, nursing and dietitian students (n=12) sent to the community to educate cadre (n=22) in Donokerto Village, Sleman District, Indonesia. Students implement blended learning principles and adapt 12 indicators-printed-flip chart derived from Healthy Indonesian Program using Family Approaches. Whatsapp chat were utilized to coach the cadre. During the program, health cadre expected to deliver health campaign upon surrounding residents led by interprofessional students (n=20 households). Cadre and household were following pre and post-test knowledge evaluation. Results analyzed using paired t-test. Results: Study results indicate 3-hour class training session followed by 3-months interactive discussions with students over Whatsapp group contribute to health cadres' knowledge improvement about family health issues (mean score pre-test= 81,51 post-test= 96,97 p-value= 0.000). Community representatives demonstrated the effectiveness of education sessions given by cadre (mean score pre-test= 66,66, post-test= 88,67, p-value = 0.000). Conclusion: Interprofessional health undergraduate students that use blended learning methods provide significant improvements for health cadre and community knowledge of Healthy Family issues. Further engagement with local communities necessary to expand the program benefit.</p>