Harnessing the Power of Innovative (and Collaborative) IPECP Research and Scholarship During and Beyond the Covid-19 Pandemic

2nd HIPE Conference - Virtual
July 23rd, 2020

Hossein Khalili, BScN, MScN, PhD
Director, UW Center for Interprofessional Practice and Education (UW CIPE);
Co-Founding Lead, InterprofessionalResearch.Global Leadership Team, Global Confederation for Interprofessional Practice & Education; Board Member, Canadian Interprofessional Health Collaborative (CIHO); Adjunct Research Professor, Western University

Acknowledgment

COVID-19 Taskforce
Outline

1 Early Challenges and Opportunities for IPECP During COVID Era
2 The Need For Innovative (and Collaborative) IPECP Research
3 What Does Innovative (& Collaborative) IPECP Research Look Like?
4 How to Engage in Innovative (& Collaborative) IPECP Research
5 Wrapping Up

Learning Outcomes

• Recognize the unique opportunities of the Covid-19 pandemic for innovative and collaborative IPECP research and scholarship at local, national and global levels;
• Discuss the rationales for, and the power of innovative (and collaborative) IPECP research and scholarship;
• Describe what innovative (and collaborative) IPECP research and scholarship look like;
• Identify how to engage in, and conduct innovative (and collaborative) IPECP research and scholarship.
Let’s see who we have with us today!

Zoom Poll

Please use the chat function to respond to the following:
1. Please provide 2 key words/phrases for the IPECP project you are involved.

2. Are there any specific theory/ies that you are using for your IPECP research/program?

Unprecedented Times With Exceptional, Unparalleled, and Unusual Circumstances!
COVID-19 has been a Shock to Education

• Even before the COVID-19 pandemic, the Learning Poverty rate in some low-and middle-income countries was 53%.
• 1.6 billions students have been effected - the largest simultaneous shock.
• 30-70% of higher education trainings (including health professional [HP] education) are postponed or cancelled!
• Millions of HP students have lost their valuable clinical/community education.

UN, 2020; World Bank. 2020, International Association of Universities; 2020

IPECP International Developments

Internationally, two significant developments in IPECP are emerging:

• Transitioning from traditional face-to-face instruction to online education.
  – Challenges: how to meaningfully and effectively move large scale immersive, experiential, and practical learning experiences to a virtual platform
  – need reconceptualization of, and new approaches to collaborative teaching/learning and assessment
• Cancelling/Postponing IPECP activities.
  – raising concern about the prioritization of profession-specific education over interprofessional collaborative competency development

Langlois et al., 2020; Lackie et al., 2020
The Future of Health Care & Health Systems Relies on the Quality of, and Collaboration among the Next Generations of HCPs!

WHO, 2010; Frenk et al, 2010; Khalili et al., 2019

A Silver Lining in Collaborative Practice

COVID-19: a shared experience that helped increased collaboration among, and a sense of “interprofessional team” in healthcare!

Telehealth: a Decade of Change in a Week

• A decades-challenge of telehealth integration is forced to be resolved (Mueller, 2020).
• Next Steps: To advance Telehealth Growth from Profession-Based into an Interprofessional Endeavour, & to Interprofessional eHealth and digital health!

HP Students Part of Response Team

• Students are embracing collaboration too!
  – students working collaboratively to support childcare needs, do grocery shopping, collect PPE,....
• Next Steps: providing intentional IPECP experiences to prepare resilience collaborative-ready graduates!

Anderson et al, 2020; Langlois et al., 2020; Lackie et al., 2020
We Are In This For A Long Haul!

How Prepared Have HCPs Been?

HCPs Experience During COVID19 Pandemic

• “I’m afraid for all of our friends in our unit,... we’re seeing a lot, we’re seeing things that we were never prepared to see, that we never thought we would see, that are completely unfathomable.”

• “I’m on the Front Lines. I Have No Plan for This.”

• “I just feel like I went into this specialty to save lives, and it kills me that we can’t save everybody.”

• “This is not enough. If this is our new reality, then we must do better.”

The Magnitude of COVID-19 Impacts on Health Education and Systems Is Yet to be Fully Realized or Close to Being Over!

Pandemics Management Is an Interprofessional Domain

- Pandemic requires high level of interaction and collaboration at all levels.

- There are mental, emotional, financial, and community-wide psychosocial costs to all including to the HCPs and students.
  - Over half of HCPs are suffering from anxiety, depression or both.

- IPECP has never been more important than now as the life and death of people are at stake. **Collaboration Saves Lives!**
It is possible to counter these shocks, and to turn crisis into opportunity!

This is our time and opportune to shape/build our dream health education and health systems of the future by leveraging on the pandemic’s silver lining.
Isaac Newton Changed the World While in Quarantine From the Plague

During the ensuing year of isolated study and reflection, Newton developed the basis for calculus, as well as foundational theories in gravitation, motion, and optics.

IPECP Research Centers

Working on:

• pending manuscripts,
• conducting (secondary) data analyses,
• conducting research left behind on the back burner, and
• more importantly pursuing new ideas/research

It’s Time to Consider Establishing IPECP Research Centers To Advance the Science/Knowledge of IPECP!
We Need to Protect and Mobilize the Next Generation of HCPs as well as Advancing IPECP Field & Research!

In times of crises, research and ongoing data collection are also essential means of response.

IPECP Research Requires Contextual Innovation!

What does Contextual Innovation in IPECP Research look like?

Good ideas are concepts that work for, and help the real people in the real world.

To be Innovative, we need to:

- Identify and focus our research/scholarship on the ‘pain points’ or ‘frictions’ in the IPECP field
- Focus on creating IPECP knowledge and scholarship related/tailored to the unmet or under-met needs of our clients/stakeholders
Let’s Discuss the Next Slide in Breakout Rooms! (about 5-7 minutes)

IPECP Research Requires Contextual Innovation!

• Share Your IPECP Experiences during COVID?
  – Your challenges & ways you have overcome those
  – Your silver linings

• What are the current and ongoing ‘pain points’ in IPECP field?
• What are the unmet or under-met needs of our clients/stakeholders?
Let’s Hear Your Stories!

IPECP Research Priorities

Guidance on Global Interprofessional Education and Collaborative Practice Research: Discussion Paper

Appendix: Proposed Interprofessional Lexicon

Building the science & scholarship of IPECP through the discovery and integration of innovative evidence informed strategies

Identifying & applying innovative approaches that embrace and address the inherent complexity of Interprofessional endeavors

Developing evidence of IPECP impact along the continuum from IPE to IPC in service delivery

Core Concepts/Domains of IPECP Field

- Interdependency & Complementarity
- Interprofessional Accreditation
- Interprofessional Collaboration
- Interprofessional Competencies (Communication, R&R, V&E, Teamwork, Conflict Resolution, Collaborative Leadership, & Person/Population-Centered Care)
- Interprofessional Measurements
- Interprofessional Policies
- Interprofessional Socialization & Dual Identity
- Partnership & Relationship Building
- Power Sharing & Shared Decision-Making
- Quadruple Aim (better health, better care, better value, & better work experience)
- Social Determinants of Health

New Concepts/Domains
- Online IPE
- Telehealth & eHealth
- Online IPE Simulation
- Interprofessional Resiliency
- Pandemic Preparedness

WHO, 2010; Frenk et al, 2010; CIHC, 2020; IPEC, 2016; Khalili et al., 2019; Khalili, 2020; Langlois et al., 2020; Lackie et al., 2020
Relevancy of Core Concepts/Domains during/post-COVID

- What is the application of existing competency frameworks into virtual IPECP?
- What and how to assess the impact of our IPECP in virtual environments?
- Should we expand our IPECP core dimensions to be inclusive of *critical thinking and creativity* as essential transferable skills needed for 21st century? (Harari, 2018)

Recommendations For IPECP Research

**Theoretical Underpinning & Theoretical Relevancy**

- Many IPECP curricula and research are “undertheorized”.
  - Theories provide structures for knowledge development, hypotheses testing, and findings interpretation.
- Theoretical relevancy is as important as theoretical underpinning.
  - Does virtual IPECP require additional/different underpinning conceptual and theoretical frameworks?
Diversity

- **Diverse Research Team**: from multiple disciplines, professions, backgrounds, cultures, and ethnicity

- **Various Research Methodologies & Designs**: diversity of perspectives/paradigms, levels of experience and professional expertise, varying cultural contexts

Inclusivity

- **Inclusive Team**: learners, service users, various academic disciplines, and civil society to be partners in all phases of research.

- **Global Research Partnership**: sharing expertise, resources, and information will strengthen our efforts, lead to creativity, novel approaches and explanations, and knowledge generation that all will help with building our Global IPECP Community.

- **Global IPECP Community**: many of IPECP challenges are not limited to specific regions/countries, requiring us to come together as a global community to tackle them.
  - i.e., the journey toward virtual IPECP has great commonality across the globe.

Recommendations For IPECP Research (during/post Pandemic)


How To Engage In IPECP Research?
Leading Through a Crisis; Unprecedented Times Call for Unprecedented Leadership

Lessons from Global Response to Covid-19

- Employ Agile methodology
- Leverage digital technologies to adapt and innovate
- Try out low-risk novel ideas/models
- Combine ideas/solutions to address emerging/old challenges
- Develop new processes and practices
- Redefine models/frameworks

Narayandas, Hebbar, Li, 2020

Seek Grant Funding!
Partner & Collaborate with Local, National & Global IPECP Community of Scholars & Researchers

InterprofessionalResearch.Global (IPR.Global)

CIHC-ResearchNet
2009

GRIN-2-Theory Network
2012

Global Research Interprofessional Network (GRIN)

InterprofessionalResearch.Global (IPR.Global)
2018

www.research.interprofessional.global
IPR.Global Research Opportunities

- IPR.Global Updates Blog
  https://iprglobal.blogspot.com/

- Quarterly Newsletters

- Collaborative Research Opportunities
  https://research.interprofessional.global/research/

IPR.Global Research Opportunities

- Covid-19 Impact Longitudinal Survey
  https://research.interprofessional.global/covid19-survey/

- Global IPE Situational Analysis Survey
- Delphi IP lexicon Study
2020-21 IPR.Global Best Research Awards

- Hugh Barr IPR.Global Award
- Barbara Fifield Brandt IPR.Global Award
- John H.V. Gilbert IPR.Global Award

2020-2021 IPR.Global Best Research Awards – Call for Applications
Applications close Date: Monday, January 11th, 2021 by 11:59 PM PST

www.research.interprofessional.global

IPR.Global: Who We Are & What We Do?

A community of practice of world-renowned and emerging IPECP scholars, leaders, decision-makers, administrators, service providers, service-users, and students.

- A core team (Steering Committee) of 35 scholars and a listserv of 800+ members
- 5 Working Groups (WGs)
- Taskforce/s, as needed

<table>
<thead>
<tr>
<th>IPR.Global WGs &amp; Taskforces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Situational Analysis (Joint with IP.G)</td>
</tr>
<tr>
<td>IP Terminology (Joint with IP.G)</td>
</tr>
<tr>
<td>Knowledge Exchange</td>
</tr>
<tr>
<td>Partnership Development</td>
</tr>
<tr>
<td>Research Awards &amp; Fellowships</td>
</tr>
<tr>
<td>Covid-19 Taskforce</td>
</tr>
<tr>
<td>Communication Taskforce</td>
</tr>
</tbody>
</table>
UW Center for Interprofessional Practice and Education (UW CIPE)

PRIORITIES

Partnership
Serve as a central hub at UW and beyond through establishing broad partnerships to result in exemplary IPE.

Education
Support and make available educational programs and opportunities to advance interprofessional practice and education.

Scholarship
Research, evaluate, and disseminate knowledge about the effect and impact of IPE on learner, patient, community, and population outcomes.

Sustainability
Plan and implement a sustainable infrastructure for the UW CIPE and IPE programs that supports program continuation and expansion.
“COVID-19 is revealing, reinforcing, and catalyzing new sociocultural relations, laying bare inequalities and anxieties, discrimination, and division but also galvanizing solidarities and collective action”.

Leach, Parker, MacGregor, Wilkinson (2020)

Adaptability, flexibility, and agility are needed in our forward-moving towards innovative collaborative IPECP research and scholarship.
Questions & Comments

hkhalili@wisc.edu
References