Introduction and Framing of IPE

Patricia Cuff, IHPE Forum Director
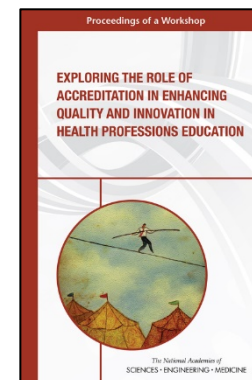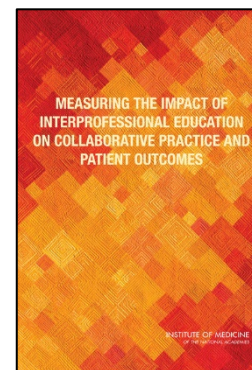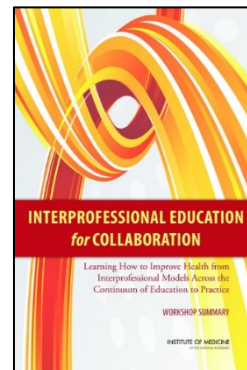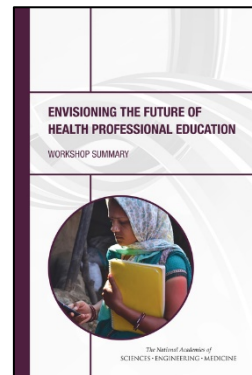
IHPE Global Forum

- **50 members**
- **37 sponsors**
- **17 different health professions**
- **Global connections**
- **Neutral platform**

Topics selected and paid for by the members

Interprofessional Terminology Confusion

Multidisciplinary / Interdisciplinary / Interprofessional

Lack of agreement on terms so <u>pay attention to the activities</u>
Many think they are IP but are not (parallel play)

NOT IPE: Listening to a lecture while sitting next to learners from other professions

- Working with other professions to reach a common goal (case-based learning)
- Active learning from and with other professions (simulation)

ROBUST IPE: Experiential learning that is bounded by class time for preparation and reflection of the experience

Not IPE - accredited	IPE is a Spectrum	Robust IPE- accredited

Lecture only	Classroom work	Experiential activity	**Experiential + Classroom (prep + reflection)**

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IPE & One Health are Concepts

- **There is no clear career trajectory**
  - **IPE'ist**
  - **One Health'ist**

These concepts span across the Learning Continuum
- IPE & One Health are Synergistic

Enabling and interfering factors
- Culture & Policy
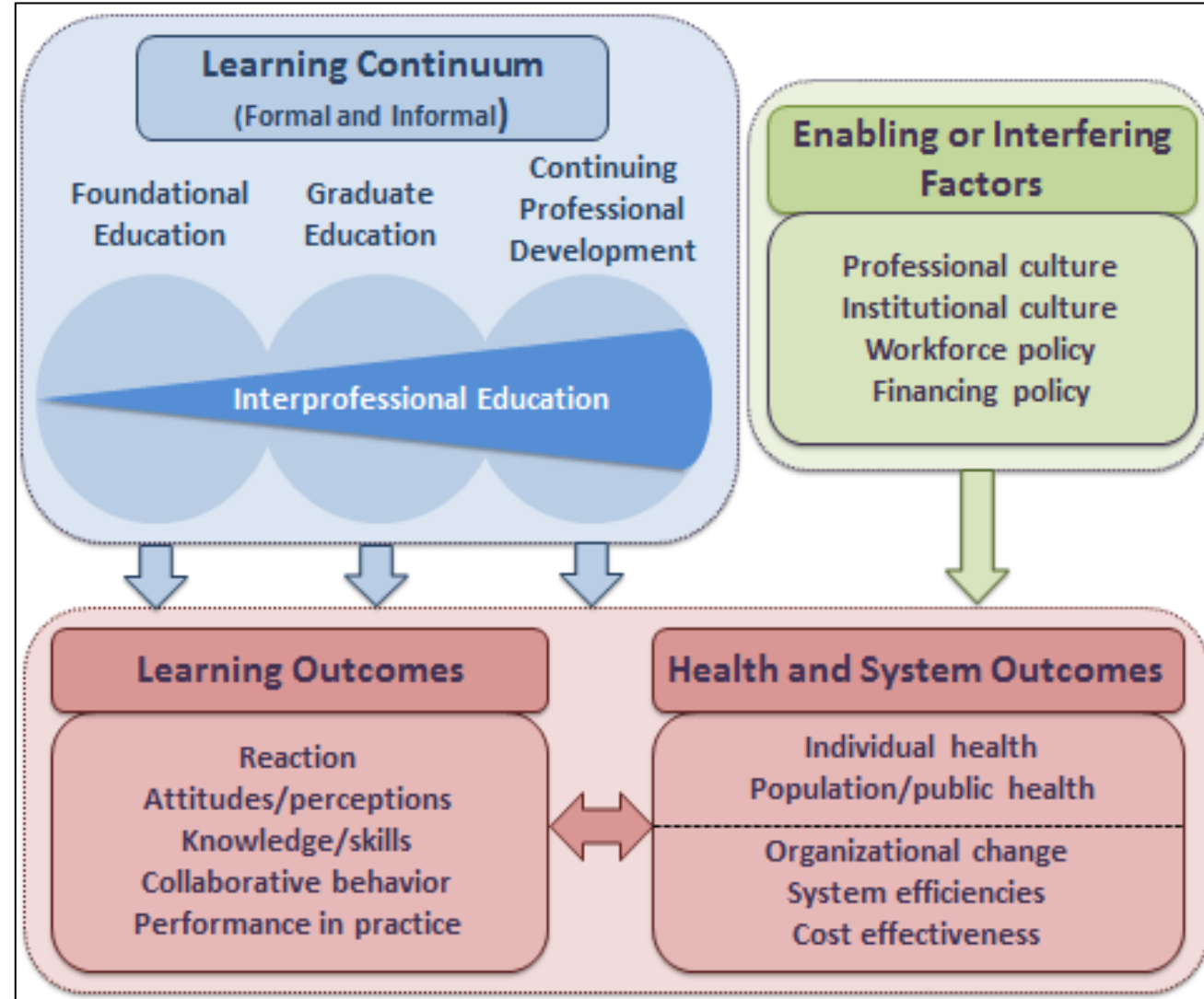
Challenges Facing IPE & One Health

- LOGISTICAL
- LANGUAGE: Different terms mean the same thing (ex- IP professionalism, 14 health professions took 2yrs to define)
- CULTURE: Biomedical vs Bio-psychol-social-spiritual / Human vs Animal vs Environment
- TURF: Who gets the funding/power (ex- scope of practice)

Using IPE to Overcome One Health Challenges

LANGUAGE:
- Learn from and with other sectors across learning continuum (foundational to CPD)

CULTURE:
- Respectful engagement / No blaming / Flat hierarchy / be aware of unfunded mandates

TURF:
- IP funding equally across the 3 One Health areas
- Create champions - speak all 3 languages (i.e., understand the challenges faced by professionals in each area)

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IPE/One Health Across the Learning Continuum

Components:
- Behavior (prescribers & users)
- Data collection & analysis
- Biology/pharmacokinetics
- Advocacy

Foundational Education: introduce One Health using robust IPE concepts – IP classroom learning about One Health and IP activities in local zip code and reflection

Master's level: apply IPE concepts to One Health data collection & analysis

Doctoral level: conduct IP grant funded research on One Health

Professional level: CPD & Informal IP activities; IP student programs

Example

Minnesota One Health Antibiotic Stewardship Collaborative (MDH)

Mainly for professionals from human, animal, and environment health to learn across professions and sectors

Abbott Northwestern Hospital / Achaogen / Allina Health / Children's Hospitals and Clinics of Minnesota / Emergency Physicians Professional Association- Minnesota / HealthEast / HealthPartners / Hennepin County Medical Center / Hormel / Leading Age Minnesota / M Health / Mayo Clinic / Merck Research Labs / Minnesota Beef Council / Minnesota Board of Animal Health / Minnesota Board of Dentistry / Minnesota Board of Veterinary Medicine / Minnesota Department of Agriculture / Minnesota Department of Health / Minnesota Department of Natural Resources / Minnesota Hospital Association Minnesota Milk Producers Association / Minnesota Pollution Control Agency / Minnesota Pork Board / Minnesota State Cattlemen's Association / Minnesota Turkey Growers Association / One Water, One Health, LLC. / Park Nicollet / Pipestone Veterinary Services / Regions Hospital / St. Paul Infectious Disease Associates, Ltd. / Stratis Health / University of Minnesota / University of St. Thomas / US Geographical Survey / Zoetis Animal Health

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The Collaborative

- **Interprofessional Field Trips:** Acute care hospital, LT care facility, dairy farm, science fair, humane society, waste water treatment plant, river to collect water samples (volunteer to attend)

- **Minn State Fair**: hosting a booth in the Eco Experience building with experts in medicine, animal health, public health, and environmental health to answer questions about antibiotic use, antibiotic resistance, and environmental impacts of antibiotics.

- **Masters/PhD** collect and analyze data to identify hotspots
  - Field samples to connect antibx use to environmental levels
  - Data to understand correlation between action and the environment
  - Advocate for behavior change (?policy change?)

Thank you!