

# Highlights of Global 1HN

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Network Co-Leads

Second Annual Meeting  
Virtual, 22-23 March 2020

# Territory Acknowledgment

## Université de Montréal

L'Université de Montréal est située là où, bien avant l'établissement des Français, différents peuples autochtones ont interagi les uns avec les autres. Nous souhaitons rendre hommage à ces peuples autochtones, à leurs descendants, ainsi qu'à l'esprit de fraternité qui a présidé à la signature en 1701 de la Grande Paix de Montréal, traité de paix fondateur de rapports pacifiques durables entre la France, ses alliés autochtones et la Confédération haudenosauni.

Université de Montréal is situated on land where, long before the arrival of the French, people of many Indigenous nations came together and interacted. We wish to acknowledge these nations, their descendants and the spirit of fraternity that presided over the signing in 1701 of the Great Peace of Montreal, a treaty that fostered peaceful relationships between France, its Indigenous allies and the Haudenosaunee federation.

# Network Activities

## Annual Report 2019-2020

- Circulated in Feb 2021, available on website

Website: <http://global1hn.ca/>

- Contains 29 publications by Members, links to relevant news, Network competitions and other resources

## Two CIHR Rapid Response Grants

- Towards Better Governance of Zoonotic Disease Risk
- Evaluating the Governance of Emergent Pandemic Zoonoses

The screenshot displays a grid of articles on the Global1HN website. The articles include:

- Globalisation and Health:** "A survey of International Health Regulations National Focal Points experiences in carrying out their functions" by Drs Corlene Packer, Arne Ruckert, Ronald Labonté, Kumanan Wilson and colleagues.
- THE LANCET Planetary Health:** "COVID-19 and the collapse of global trade: building an effective public health response" by Dr. Ronald Labonté and colleagues.
- EVIDENCE & POLICY:** "Rethinking knowledge translation for public health policy" by Dr. Patrick Fafard and Dr. Steven Hoffman.
- THE COOPERATION:** "Dummy's guide to how trade rules affect access to COVID-19 vaccines" by Dr. Ronald Labonté and Dr. Brook Baker.
- ANTIBIOTICS:** "Market Concentration of New Antibiotic Sales" by Dr. Aidan Hollis and colleagues.
- Health Promotion:** "Politics of disease control in Africa and the critical role of global health diplomacy: A systematic review" by Dr. Srikanth Kondreddy and colleagues.
- Infections and Drug Resistance:** "Encouraging the Development of New Antibiotics: Are Financial Incentives the Right Way Forward? A Systematic Review and Case Study" by Ilina Dutescu and Dr. Sean Hillier.

The screenshot displays a grid of news items on the Global1HN website, each accompanied by a small image:

- February 16, 2021:** "Covid: Why goal is to live with the virus - not fight it" by Dr. Devil Sridhar.
- February 16, 2021:** "Building the Canadian Shield: A New Strategy to Protect Canadians From COVID and From the Fight Against COVID" by The COVID Strategic Choices Group.
- February 18, 2021:** "How patent laws get in the way of the global coronavirus vaccine rollout" by Dr. Ronald Labonté.
- February 19, 2021:** "Dr. Andrew Morris mentioned that 'he expects cases to go up within the four to six weeks following reduced restrictions in Ontario'" by Dr. Andrew Morris.
- February 22, 2021:** "As new variants emerge, is a third wave on the horizon?" by Dr. Kumanan Wilson.
- February 22, 2021:** "The pros and cons of online booking portals for COVID-19 vaccines once mass immunization begins" by Dr. Howard Njoo.
- February 23, 2021:** "Quebec's bet on delaying second dose of COVID-19 vaccine is paying off, early data show" by Dr. Howard Njoo.
- February 27, 2021:** "Growing movement led by medical professionals pushes for COVID-zero strategy" by Dr. Kumanan Wilson.
- February 27, 2021:** "As Russia and China seek to boost their global influence, analysts warn vaccine diplomacy is here to stay" by Dr. Howard Njoo.
- February 28, 2021:** "Dr. Andrew Morris is among the experts who are in favour of the #CovidZero strategy" by Dr. Andrew Morris.
- February 28, 2021:** "Dr. Suerie Moon responds to the questions of CNBC regarding vaccine diplomacy" by Dr. Suerie Moon.
- February 28, 2021:** "Zero Covid is an authoritarian fantasy" by Dr. Kumanan Wilson.
- February 28, 2021:** "Moderna agreed to 'equitable access' for its coronavirus vaccine, but most of its doses are going to wealthy countries" by Dr. Howard Njoo.

# Network Open Competitions

Network funding competitions (available only to Members) remain open until funds are all allocated. All guidelines for applications on website.

Allocated to date:

- 3 Seed Grants (to develop research proposals)
- 7 Student Research Assistance Grants (for undergraduate or graduate assistance in research relevant to Network)
- Small publication fund also now open

# Network is Growing

Network Membership has risen to 52

- 35 Canadian members
- 16 international members

Advisory Committee created (see website for membership)

- Scientific (academic) advisors (2)
- Equity expert (1)
- Private/NGO stakeholder advisors (2)
- Public (international org) stakeholder advisors (2)
- Representative from Sonar-Global

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# Policy Brief (draft)

March 2021

One Health approach:  
Imagining a post COVID-19 future through  
better multi-species surveillance systems

## The interconnectedness between human-animal- environment health

The benefits of co-existence between human, animal, and their environmental is well recognised<sup>1,2</sup>. For example, there is an increasing recognition of the benefits to human mental health of sharing our environment with companion animals and spending time in green environments. However, this co-existence also comes with some risks, such as zoonotic pathogens shared between animals (livestock, wildlife, and companion) and humans. The risk-benefit relationship between animal and human health becomes a renewed

activities<sup>4</sup>. The fact that infectious agents jump the species barrier to infect humans is not surprising – livestock species share two-thirds of their pathogens, a proportion increasing to 91% among carnivorous species<sup>5</sup>. Therefore, addressing zoonotic diseases requires a One Health approach (Figure) that promotes the integration of multiple systems, including prevention and surveillance, across social sciences and animal, environmental and human sectors<sup>6</sup> as well as different institutional

Figure TheLancetOneHealth

# Knowledge Translation

Website (global1hn.ca) up and running

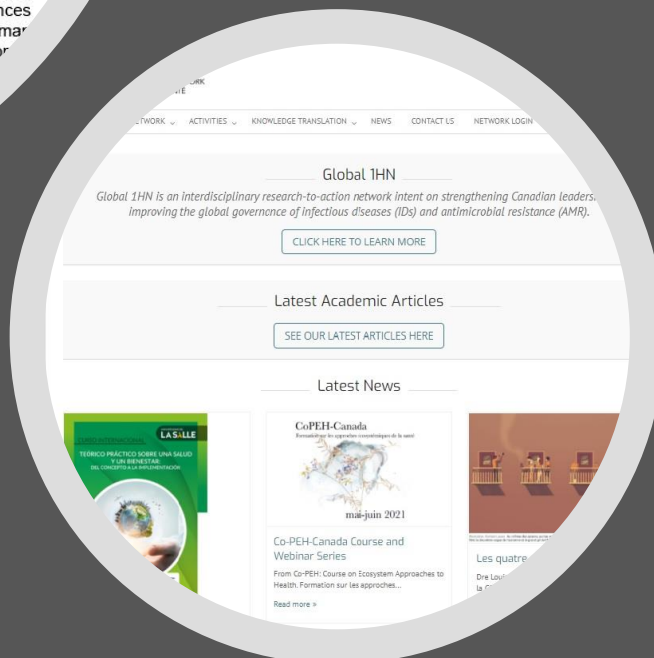
Twitter (@Global1HN) with 113 followers

Webinars

- Internal (2)
- External (1)

Policy briefs:

- Step-by step guide elaborated
- Draft of a new policy brief



# Social Network Analysis

(MSc. Intern: Maëlle Durand)

Objective: To compare the level of collaboration among Network members before inception of Network (2018-2019) and Y1 of Network (2020)

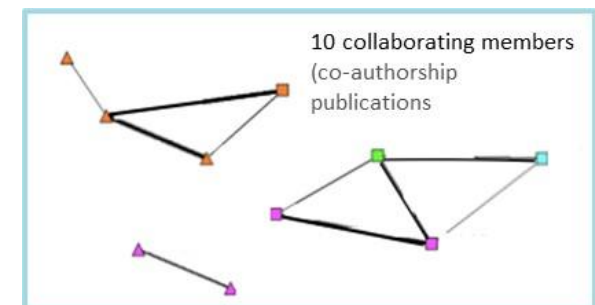
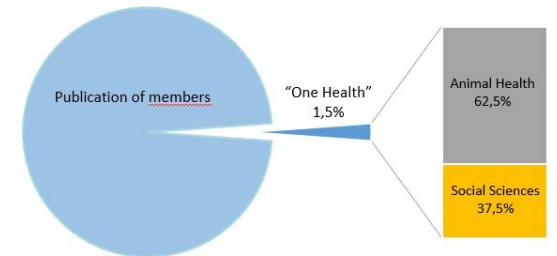
Indicators:

- Co-authorship of publications / co-writing of grant applications
- Publications mentioning “One Health” (abstracts & keywords)
- Average “lifetime” of members

Medium-term expected results

- Increase in scientific publications on “One Health”
- Removal of disciplinary and academic silos
- Showing the interest and integration of human, animal, environmental, and social sciences

In 2018-2019



# Territory Acknowledgment University of Ottawa

University of Ottawa: We pay respect to the Algonquin people, who are the traditional guardians of this land. We acknowledge their longstanding relationship with this territory, which remains unceded.

Nous rendons hommage au peuple algonquin, gardien traditionnel de cette terre. Nous reconnaissons le lien sacré de longue date l'unissant à ce territoire qui demeure non cédé.



## Feedback from Advisory Committee (1/4)

- Growing recognition of the impact that the environment, notably climate change and biodiversity, but also determinant of health, has on the emergence of IDs
- Trade becoming an issue in AMR; EU to ban animal imports from countries (mostly Asian) that use antibiotics of human importance as growth promoters
- Importance of surveillance may be less about data gathering than data use, but rather challenges of data sharing and the need to improve data-informed cross-sectoral policy responses

## Feedback from Advisory Committee (2/4)

- Research and policy emphasis should be areas-based, looking at underlying systems (SDH approach) and not at specific diseases
- Important to look at community levels for non only adaptive responses but also prevention and surveillance; COVID-19 may be a window here
- Importance of building multi-disciplinary surveillance and response system from the bottom-up. Ex of community health and animal workers contributing to the detection of emerging agents
- Pool learning from the South (reverse innovation)

## Feedback from Advisory Committee (3/4)

- Key issue: effective governance linkages across levels (global, national, sub-national) (top-down, (bottom-up, bottom-centered)
- Key points for effective OH global governance: 1) high level political commitment; 2) Trust at all levels; 3) shared benefits and objectives (benefits do not have to be monetary)
- KT is essential for policy makers and international organisations – Create 2-pagers, not long reports

# Feedback from Advisory Committee (4/4)

- Avoid the 'who owns One Health' competition
- May not be realistic to focus on global governance of both IDs and AMR
- As GH1N funding draws to close, IDs and AMR may no longer be key global health issues supplanted by environment and climate change. How will Network respond?
- Important for Network to clarify its 4-year 'mission': who are trying to target, and to do what?

THANK YOU

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GRACIAS