



Register now and attend iCOMOS 2018 to Explore Science and Policy at the Interface of Environment, Agriculture and Medicine

Minneapolis, MN, USA April 29-May 2, 2018

iCOMOS 2018 is a global one health forum featuring state-of-the-art [scientific](#) presentations and [concurrent interactive sessions](#), including Nobel prize winners, distinguished laureates, and global thought leaders. Come explore new ways to solve pressing health issues, facilitate interdisciplinary collaborations, and utilize science to communicate and influence public policy at the interface of humans, animals and the environment.

Featured Plenary Speakers



Peter Doherty, DVM, PhD
Nobel Laureate
Australia



Linda Birnbaum, PhD
Director, NIEHS, NIH
USA



Peter Agre, MD
Nobel Laureate, USA



Robert Mwanga, PhD
World Food Prize Laureate,
Uganda



Pamela Melroy, MS
NASA Astronaut and Space
Shuttle commander, USA



Hualan Chen, DVM, PhD
UNESCO Women-in-Science
Laureate, China

Scientific Sessions:

Scientific Session #1: Social and Economic Impacts on Health

- **Eric Schwartz**
“Migration and health”
- **Francisco Lopera**
“Familial early onset Alzheimer Disease in Colombia: An opportunity for prevention”
- **Ramanan Laxminarayan** “Social and behavioral drivers of antimicrobial resistance”
- **Lynne Gaffikin**
“Addressing societal norms that affect well-being through transectoral collaboration”

Scientific Session #2: Infectious Disease and Environmental Disturbance

- **Jonna Mazet**
“Predicting and preventing emerging infectious diseases”
- **Hualan Chen**
“Pandemic Avian Influenza: the Chinese experience”
- **Ken McColl** “Viral biocontrol of invasive vertebrates: an Australian perspective”

Scientific Session #3: Agriculture Advancing Health

- **Robert Mwangi** “Plant modification to reduce hunger and improve health”
- **Adrian Dubock** “Public sector constraints to plant biotechnology for human health: the Golden Rice experience”
- **Dan Voytas** “Plants engineered to improve health”
- **Alison Van Eenennaam**
“The science and politics of livestock production in the era of gene editing”
- **Cecilia Rocha**
“Unravelling the food – health nexus”

Scientific Session #4: New Paradigms at the Environment-Health Interface

- **Linda Birnbaum**
“Environmental Health Without and Within: from Ecosystems to Communities to the Microbiome”
- **Maria Neira**
“Environmental Health through the lens of global urbanization”
- **Kristie Ebi** “Climate change and health”
- **Samuel Myers**
“Planetary Health: Protecting Global Health on a Rapidly Changing Planet”

Participatory Concurrent Interactive Sessions (CIS):

- CIS 1:** One Medicine One Science Approaches to Health at Two NIH Institutes (NIAID and NIEHS)
CIS 2: Effective Policy when Consumer Preferences (Food and Health) Do Not Match Actions
CIS 3: Breaking Silos and Building Bridges Within and Across Geographies for One Medicine One Science Policy
CIS 4: Precision Medicine and Genome Editing: Science and Ethics
CIS 5: Science Communication and Strategic Engagement of Policy Makers (AAAS facilitated training)

Visit the conference website icomos.umn.edu for [registration](#) details.

