



Dr. Cheryl Stroud



Dr. Laura Streichert

AGENDA

Synergizing One Health Collaborations

I. Welcome and Thank You for participating - Cheryl Stroud, One Health Commission (3 min)

- A. This meeting is an 'ACTION' for true collaboration among those of us sharing a common vision.
- B. Dr. Laura Streichert, Co-Chair of the One Health Social Sciences Initiative, (<http://bit.ly/2GxZnqQ>) will help moderate, open microphones and be the keeper of the clock. A few logistics....
- C. Each participant will have a total of 6-7 minutes. If time allows we will take 1-2 questions at the end of each presentation.
- D. Content of all slides and email addresses will be combined into one document and shared after the October 24 meeting for follow up collaborations.

II. The purpose of this meeting - George Lueddeke (3 min)

III. Organization Presentations (see schedule below for October 17 and for October 24)

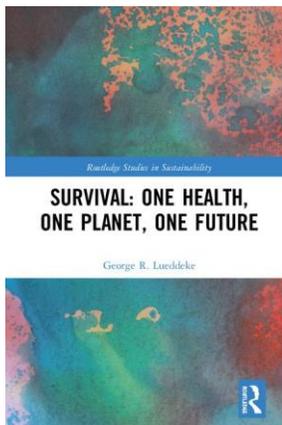
IV. Brief Discussions / Summary – George Lueddeke





II. The purpose of this meeting (3 min)

Dr. George Lueddeke
Chair, One Health Education Task Force



Congratulations on George's new book:
'Survival: One Health, One Planet, One Future'



Synergizing One Health Collaborations

October 24, 2018 9 a.m. Eastern

1.	Chatham House	Ms. Afifah Rahman-Shepherd
2.	International One Health Platform (OHP)	Ms. Chris Vanlangandonck and/or or Mr. David De Pooter
3.	International Student One Health Alliance (ISOHA)	Mr. Neil Vezeau ?
4.	International Veterinary Student Association (IVSA)- Standing Committees on Veterinary Education (SCoVE) and on One Health (SCOH)	Mr. Georgios Kotsadam (SCoVE) and Ms. Hyunji Kim (SCOH)
5.	One Health Commission	Dr. Cheryl Stroud
6.	One Health Initiative pro bono Team	Dr. Lisa Conti
7.	Planetary Health Alliance	Dr. Amalia Amada
8.	U.S. National Academies of Science, Engineering and Medicine, Health and Medicine Division – One Health Action Collaborative	Ms. Ayano Ogawa
9.	World Veterinary Association	Dr. Zeev Noga



Chatham House, Centre on Global Health Security

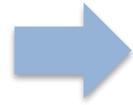
One Health Programme of Work

Afifah Rahman-Shepherd, Research Analyst

Synergizing One Health Collaborations Meeting, 24th October

Overview of the One Health Programme

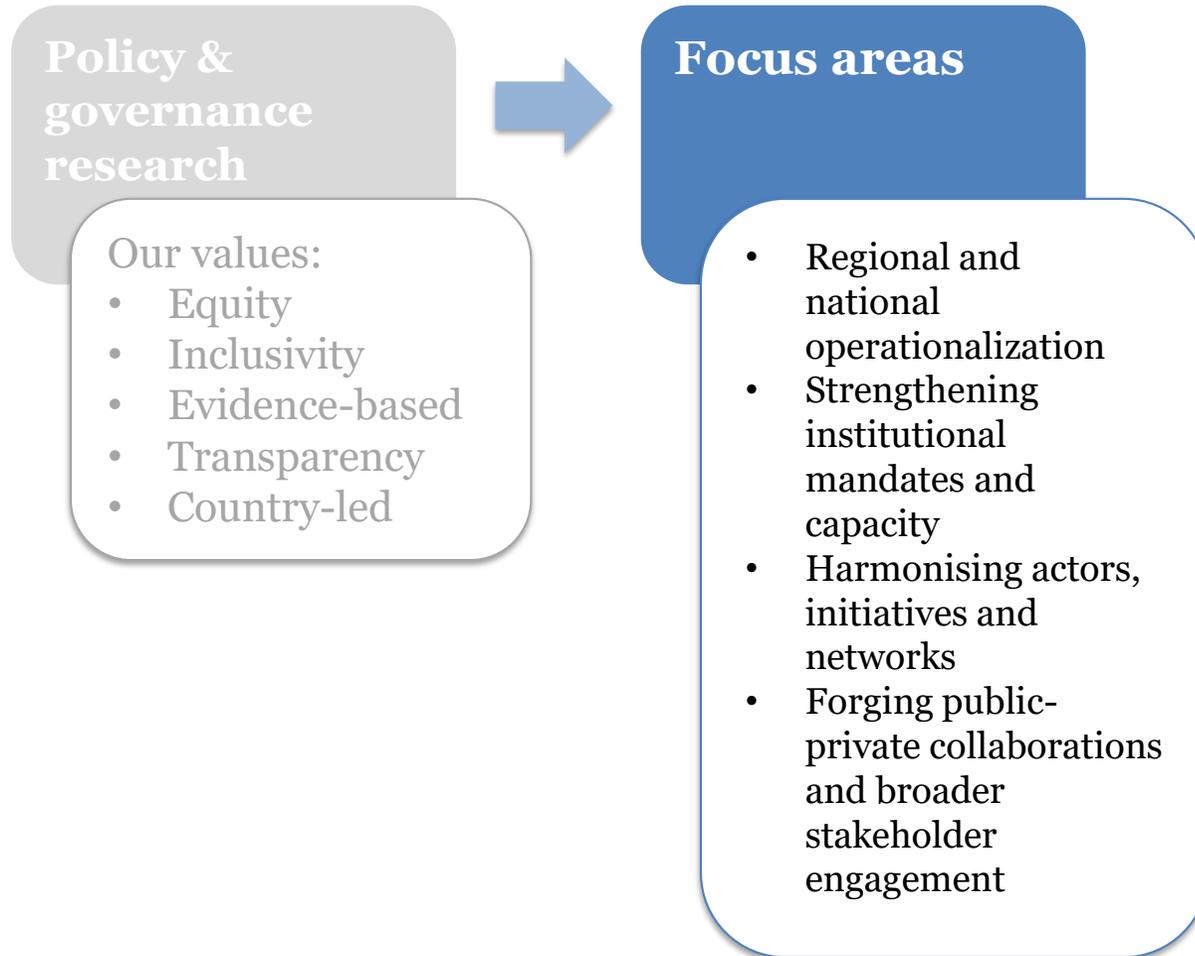
**Policy &
governance
research**



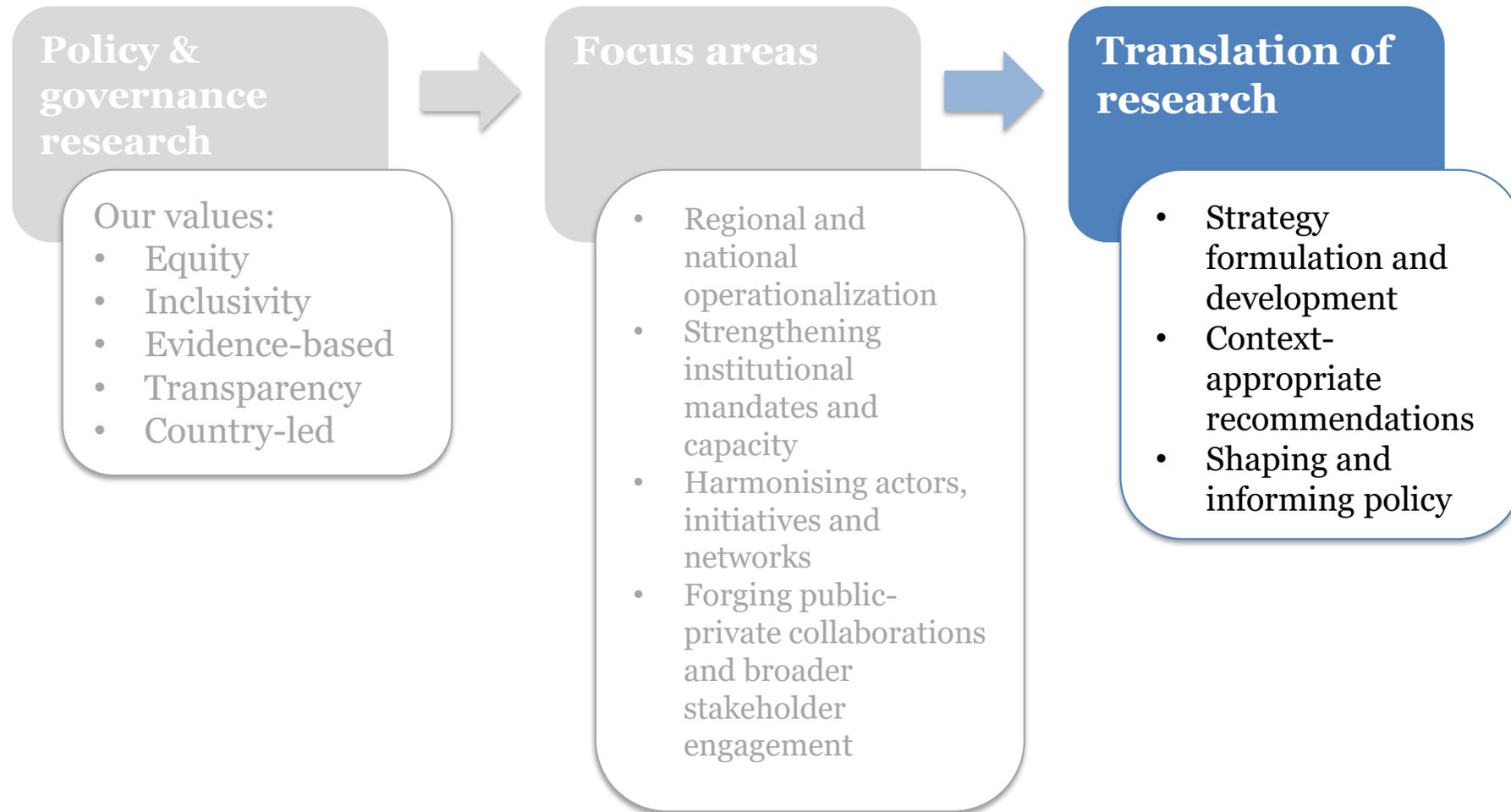
Our values:

- Equity
- Inclusivity
- Evidence-based
- Transparency
- Country-led

Overview of the One Health Programme



Overview of the One Health Programme



Thank you

Synergizing One Health Collaborations

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ISOHA

International Student One Health Alliance

Who we are



Neil Vezeau
President
DVM candidate, Iowa
State University



Anastasia Lambrou, MS
VP of Members
PhD candidate, Johns
Hopkins Bloomberg
School of Public Health



Emily Hardgrove
VP of Education
DVM Candidate, College
of Veterinary Medicine at
Virginia Tech



Pallavi Oruganti, MPH
VP of Advertising
DVM candidate, Ohio
State University

Who we are - cont.



Sulagna Chakraborty
Secretary General
PhD Candidate, University of Illinois
Urbana-Champaign

Our mission

To connect, educate, and empower students who are interested in, studying, and working in One Health fields worldwide

Who we serve:

60+ student organizations across the globe

- All are either devoted to or have a significant interest in One Health

Individual members

- ~1,400 members on Facebook
- Constant stream of instant messages and emails from interested individuals worldwide



Current objectives

Membership and outreach

- Exhaustively search for, catalogue, and connect with student One Health groups and individual students globally

Engagement

- Continue developing a dynamic international community with those already within our network

Education

- Setting up multiple educational resources online for students to learn and connect with mentors

Looking forward

Global Council:

- Selecting continental representatives to streamline communication between diverse locales, cultures, and languages
- Looking to eventually transition this group into a house of delegates, to give agency and even more opportunities for leadership to those within the alliance

Global Webinar

- Create a platform for members worldwide to interface and share experiences more directly

Connect with us!

Main Facebook page:

<https://www.facebook.com/internationalstudentonehealthalliance/?ref=bookmarks>

ISOHA One Health Community on Facebook: <https://www.facebook.com/groups/ISOHAOneHealth/>

Twitter: https://twitter.com/ISOHA_OHC

Email: isohaexco@gmail.com

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International Veterinary Students Association (IVSA)

An update on the projects and activities



Georgios Kotsadam,
Chair, SCoVE



Hyunji Kim,
Chair, SCOH



IVSA AROUND THE WORLD



Standing Committees and Working Groups



Ad Hoc
Committee on
Collaborations
with Global
Health
Organisations



Partnerships with other international organisations

IVSA students volunteering at the WSAVA conferences since 2016



IVSA students at the WHO assembly 2018



IVSA students vaccinating dogs in local communities on World Rabies Day in collaboration with Mission Rabies since 2013



Standing Committee on One Health (SCOH) 2018/19

 IVSA

Hyunji Kim
presenting



About the Committee

SCOH is a standing committee of IVSA dedicated to encouraging veterinary students to use their knowledge and abilities for the benefit of both animals and humans.

The role is two fold: One Health & Veterinary Public Health

Our aim is to promote the importance of One Health and the interdisciplinary collaboration between vets and other public health related scientists as well as awareness of the role of Veterinary Public Health.

Structure of SCO 2018/19

Chairperson (1) :

Hyunji Kim

Graphic Designer (1) :

Lawal Jadalhaq Taiwo

OIE Ambassador Coordinators (2):

Clara Schubert, Rosie Herrington

Project Managers (2):

Christina Paish, Leanne Jankelunas

Publications (3):

Amanda Yonica, Annabelle Loustric, Katherine Turnbull

Secretary/Webmaster (1):

Iina Airasmaa

YouTube Creators (2) :

Andreas Pappas, Catherine Bristow

Past projects

Steady Projects : One Health Day, AMR week, Stop TB day, World Rabies Day

One Health Webinar on YouTube

AMR poster competition

Stop TB essay competition

Collaboration project for rabies Day

Publications

3-4 Veterinary Public Health Journals (VPHJ) published one Issue per term

Last edition published : #12

Each edition includes an interview with experts, scientific articles by vet student & professors, One Health reports, introduction of One Health organization, and contributions from other associations



New
positions for
SCO
2018/19

YouTube creators: create viewer-friendly One Health news for the public

OIE Ambassador Coordinators: manage OIE ambassadors all around the world to further the relationship between OIE and IVSA



OIE Junior Ambassador

The ambassadors will act as intermediaries between the OIE and veterinary students across the world through IVSA

Objective is to have one ambassador in every veterinary school around the world

The OIE Ambassador management team consists of SCOH chair and two OIE Ambassador Coordinators

Stam

Health

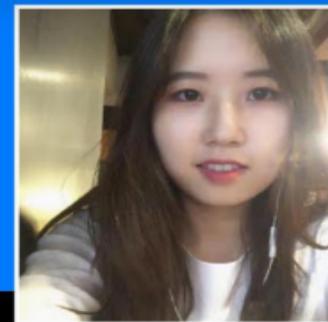
Contact SCOH chair:
scoh@ivsa.org

For more information



PROJECTS

Seven Continents, One Health



The making of a One Health webinar with Hyunji Kim

For this year's One Health Day, which was November 3rd, I had organized SCOH's very first webinar.

Why I organized this webinar & What I wanted to achieve

One Health is becoming increasingly important these days.. Several of the most lethal diseases are zoonoses. For example, Ebola virus disease, which was widely spread in 2014 is a zoonotic disease. Even the familiar tuberculosis is one. However, most of the public does not know that this disease is shared with other organisms.

Thus, I felt the need to inform the public of the concept of One Health. In fact, it was not just the non-scientific community that I wanted to spread the message, but also the scientific community, as One Health is still a very new idea in our society. I had decided that a webinar was the best way to propagate One Health because with webinar we could broadcast the message worldwide.

The process of arranging this webinar

After I decided to do a webinar, I wanted to know about the latest One Health issue in each continent, as each continent has a different public health focus. For example, in Asia, tuberculosis is a very hot subject whereas Rabies is very prevalent in Africa. Accordingly, I named the webinar "7 continents 1 health". I contacted some of the most well-known One Health speakers in each continent. I cannot thank all the lecturers enough, for putting in their time and effort to make this webinar possible.

Speakers and their topics

Sarah, the chair of SCOH, introduced me to Dr. Joann M. Lindenmayer, DVM, MPH, diplomate AVES, the chair of One Health Commission and the founder of One Health day. She did the introduction for our webinar discussing "Why One Health and Why the One Health Commission". For Australia, Dr. Simon Reid, BVMS, PhD, discussed "One Health in practice: The need for better collaboration". For America, I had contacted Dr. Alan Monavvari, MD, MHSC, CCFP (PC), CHE, CPHQ, whom I had met in the World Veterinary Congress. He brought in his colleague Dr. Kate Hodgson, DVM, MHSC, CCMEP and they examined "Pets' Impact on

Your Patient's Health: Leveraging Benefits and Mitigating Risk". For Asia, Dr. Aurelie Binot Msc, PhD, in charge CIRAD regional office of the comAcross team, talked about "Working in partnership at the animal-environment-human interface in Southeast Asia".



How we advertised the webinar

All of the pre-recorded lectures went 'live' on November 3rd on our IVSA SCOH Youtube

channel. The complete webinar is still available here for viewing. We promoted our webinar through our Facebook page and the members of SCOH personally advertised the project. For instance, in Korea, where I live, I had publicized this webinar through Korea's one and only veterinary newspaper, the DailyVet. I had also asked IVSA South Korea to help spread the news.

Significance of the webinar

I think this webinar was very meaningful because the lecturers were not only veterinarians but also physicians and other health professionals. This aligns with the definition of "One Health", which is the collaboration between veterinarians, physicians, and other health-related experts to promote.

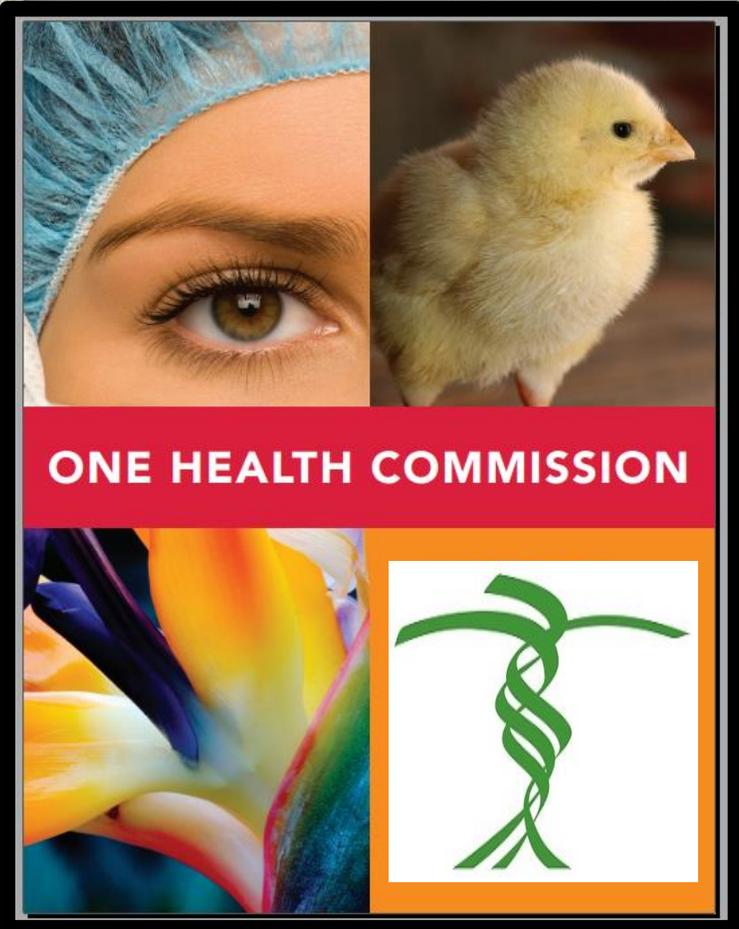
Although we did not get to cover Africa and Europe in this year's webinar, this was just the first step in our journey to promote One Health. You can definitely expect even more great webinars in the future!

Synergizing One Health Collaborations

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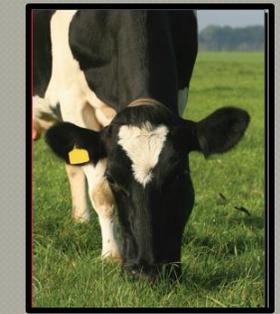
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Advancing One Health Collaborations

'Connect, Create and Educate'



Dr. Cheryl Stroud



IMPROVING THE HEALTH OF PEOPLE,
ANIMALS, PLANTS AND OUR ENVIRONMENT

See 'WHAT' we are doing
to:

CONNECT - One Health
Stakeholders

CREATE - Strategic Networks and
Catalyze Partnerships

EDUCATE - About One Health
issues shifting the health-thinking
paradigm

OHC International Webinar
November 10, 2014 -
Information Forthcoming
[more »](#)

Strategic Priorities

- Connecting One Health Stakeholders – we can accomplish more *together!*
- Educating about One Health and One Health Issues
- Nurturing the Next Generation of One Health leaders



➤ Connecting One Health Stakeholders – we can accomplish more *together!*

One Health Commission logo and navigation menu: WHY ONE HEALTH? LEADERSHIP DONORS / SPONSORS **GLOBAL EVENTS** NEWS PROGRAMS RESOURCES / SERVICES

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HOME » EVENTS » 1ST INT'L WHO'S WHO IN OH WEBINAR (2014)

1st Int'l Who's Who in OH Webinar (2014)

RECORDINGS

Integrating One Health and Conservation
 Gladys Kalema-Zikusoka, Founder and CEO, Ashoka Fellow, Conservation Through Public Health, Uganda
[Bio/CV](#) [Watch Recorded Presentation](#) [Download PPT](#)

One Health or One Hell: What's Closer
 Victor J. Del Rio Vilas, PhD, MSc, DVM, MBA, Veterinary Public Health Advisor, Pan American Health Organization, Brazil
[Bio/CV](#)

Inter-agency Collaboration on Zoonoses and the One Health Sweden Research Team
 Karin Artursson, PhD, DVM, Research Coordinator at National Veterinary Institute, Uppsala, Sweden. Co-founder of One Health Sweden.
[Bio/CV](#) [Watch Recorded Presentation](#) [Download PPT](#)

The One Health Commission was pleased to host the 1st International Who's Who in One Health Webinar on November 10, 2014. This webinar brought together noted One Health experts from around the world to discuss global One Health efforts while providing a forum for networking and collaboration.

1st International WHO'S WHO IN ONE HEALTH 'Free' Online Webinar
 November 10, 2014
 Sponsored by: the One Health Commission
www.onehealthcommission.org/globalwebinar

HOME » EVENTS » 2ND INT'L WHO'S WHO IN OH WEBINAR (2016)

2nd Int'l Who's Who in OH Webinar (2016)

Strengthening Epidemiology Capacity Using a One Health Framework
 Peter Jolly, BVSc, BPhil, PhD
 Joanna McKenzie, PhD, MPVM, MANZCVS, BVSc
 Massey University One Health Network and Fellowship Program, New Zealand
[Jolly Bio/CV](#) [McKenzie Bio/CV](#) [View Presentation](#)

Institutionalization of One Health in Bangladesh
 Prof. Mahmudur Rahman, MBBS, MPH, PhD
 National Influenza Centre, Dhaka, Bangladesh
[Bio/CV](#) [View Presentation](#)

<http://bit.ly/2IXqUHZ>

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OHC Listserv Sign-up | <http://bit.ly/2IJIUCE>

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HOME » RESOURCES / SERVICES » WHO'S WHO IN ONE HEALTH

WHO'S WHO in One Health

<http://bit.ly/2s15Oxs>



➤ Educating about One Health and One Health Issues

Welcome to the Webinar:



Understanding Bartonella: A One Health Perspective

The broadcast



0:01 / 1:55:15

<http://bit.ly/2JbZuew>



WHY ONE HEALTH?

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RESOURCES

RELEVANT NEWSLETTERS

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Audio Presentations,
Podcasts, and Music

Blogs

Books

<http://bit.ly/2LgF056>

Webinars

Commission Hosted

- 2nd International Who's Who in One Health Webinar (November 4, 2016)

[Click here to view the recorded presentations](#)

- Antimicrobial Resistance in the Environment: A One Health Perspective (July 13, 2016)

[Click here to view the recorded presentation](#)

- One Health and the Politics of Antibiotic Resistance (July 6, 2016)

[Click here to view the recorded presentation](#)

Welcome to the Webinar:
A One Health Approach for Elimination of
Taenia solium Taeniosis/Cysticercosis



One Health Commission
Connect - Create - Educate

Online support for this broadcast provided by the One Health Commission

www.onehealthcommission.org

The broadcast will begin momentarily

<http://bit.ly/2OKcjTd>



- Educating about One Health and One Health Issues

One Health Educational Resources



<http://bit.ly/2Ld6lF4>

Basic Guide for
developing K-12
One Health lessons

K-12 Educational
Resources

<http://bit.ly/2tJy3l0>



OHC BRET- Bat Rabies Education Team

<http://bit.ly/2KF3JPg>



One Health Education Initiative

The World We Need

PREPARING SOCIETY TO CREATE THE WORLD WE NEED
THROUGH ONE HEALTH EDUCATION

➤ Connecting and Educating



One Health-Social Sciences Initiative

Engaging Social Scientists in the One Health Concept

<http://bit.ly/2GxZnqQ>

Healthy Pets, Healthy People

Companion animals can have a direct beneficial effect on the health and well-being of owners and families. They can also be important sentinels of environmental conditions in and around the homes of their people.

[Start the Survey](#)



US Environmental Protection Agency and One Health Commission Partnership

<http://bit.ly/2IzfgPr>



➤ Connecting and Educating



FIRST ANNUAL
one
health
DAY
november 3, 2016

Promoting efforts around the world to bring together
all human, animal, and environmental health disciplines

created and hosted by



✓ check www.onehealthday.org for more information



➤ Nurturing the Next Generation of One Health leaders



Students for One Health
Listserv Sign-up

<http://bit.ly/2HI1RUG>

Online Meetings / Webinars platform

Who's Who in SOH

<http://bit.ly/2I1PiXX>

1. Submit your group's information on this [Google Spreadsheet](https://goo.gl/1kxvQk) to get your SOH group on the Who's Who in SOH map. The map will be updated every 2 months from this google spreadsheet to include new entries.
2. Download this [Who's Who in International Students for One Health information template](#), complete and send it via email to ISOHAExCo@gmail.com with a copy to cstroud@onehealthcommission.org.
3. If you (or a friend) are not already signed up for the International Student One Health Alliance (ISOHA) listserv to receive ISOHA and OHC communications, please do so [here!](https://goo.gl/8BHwMz) <https://goo.gl/8BHwMz>
4. Get involved with the SOH Executive Council and working groups. Contact ISOHAExCo@gmail.com
5. Follow ISOHA on Facebook: [@internationalstudentsonehealthalliance](https://www.facebook.com/internationalstudentsonehealthalliance) and Twitter: [@ISOHA_OHC](https://twitter.com/ISOHA_OHC)

International Who's Who in Students for One Health

File Edit View Insert Format Data Tools Add-ons Help Last edit was made 4 days ago by anonymous

	A	B	C	D	E	F	G
1	Name of institution where students affiliated - (Try to stay in alphabetical order)	Does your institution have a Student One Health organization/Club? If yes, what is it called?	If Yes, is the organization Interprofessional or School/Program Specific?	Country of your Student Group	Location / Headquarters (where on the map should your SOH group pin be placed?)	Does your SOH group have a webpage url? If yes, please list here	Does your SOH group have Social Media page(s)? Please list here
20							
21	Jimma University	Jimma university One health innovative student club	Multidisciplinary	Ethiopia	Jimma	www.ju.edu.et/ohcea	https://www.facebook.com/JUOHSC?ref=aim_t_homepage_panel
22							
23	Jhenidah Government Veterinary College, Bangladesh			Bangladesh			
24							
25	Kansas State University	Comprehensive Public Health Group	Interprofessional	United States	Manhattan, KS, USA	https://orgsync.com/141367/checkbox	https://www.facebook.com/CPHGatKSU/
26							
27	Khazar university	Khazar university and Donya school one health association		Azerbaijan	Baku, Azerbaijan	http://onehealth.az/	
28	Lincoln Memorial University College of Veterinary Medicine (United States)	LMU One Health Initiative Group	Interprofessional	United States	Harrogate, Tennessee, USA	https://www.lmunet.edu/academic/schools/college-of-veterinary-medicine/news/press-releases-cvm/view/1167/lmu-students-come-together-to-promote-one-health	https://www.facebook.com/groups/1862200547393852/
29							

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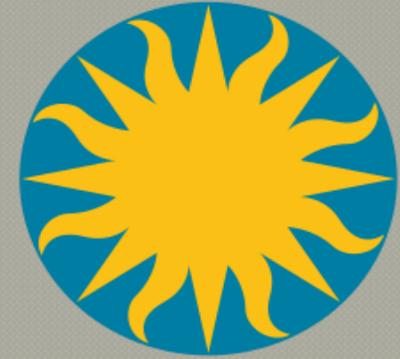


OUTBREAK

Epidemics in a Connected World

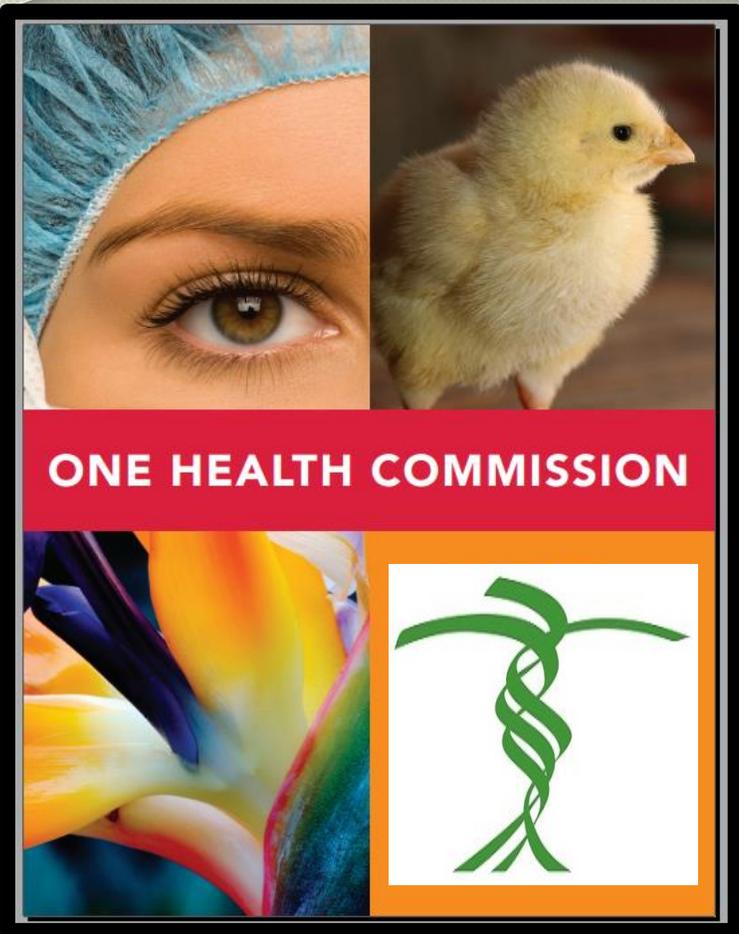
Open May 18, 2018 - 2021, Second Floor

2018

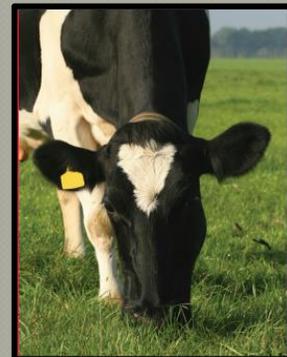


Smithsonian





Thank You for your leadership and participation



Dr. Cheryl Stroud



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The One Health Initiative
Autonomous *Pro Bono* Team

Dr. Lisa Conti Presenting





- The One Health concept: human, animal and environmental/ecosystem health are linked.
- One Health concept provides a useful framework to examine complex subjects such as food security, emerging infectious diseases (e.g. vector-borne diseases), food safety, antimicrobial resistance, chronic diseases, and clinical comparative medicine research.

<http://www.onehealthinitiative.com>

OHI Activities

- Advocate and promote One Health efforts around the world.
- Provide expert advice on One Health projects.
- Write articles, book chapters, and books relating to One Health.
- Teach One Health courses.
- Serve as mentors for the next generation of One Health leaders.

Strategies for Implementing One Health Policies

- Be prepared and do your homework analyzing OH challenges
- Engage the public and get their support
- Work with activists who share your goals
- Work with counterparts in other countries
- Work to develop the next generation of One Health leaders
- Develop coalitions of like-minded One Health advocates
- If your government's administration won't listen to you, work with others in your government (i.e. Congressional representatives or Parliamentarians)



- OHI Collaborators:
 - Bruce Kaplan DVM, Dipl. AVES (Hon)
 - Laura H. Kahn, MD, MPH, MPP, Dip. AVES (Hon)
 - Tom Monath MD, Dipl. AVES (Hon)
 - Lisa Conti, DVM, MPH, Dip. AVES (Hon)

<http://www.onehealthinitiative.com>

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7.	Planetary Health Alliance	Dr. Amalia Amada
8.	U.S. National Academies of Science, Engineering and Medicine, Health and Medicine Division – One Health Action Collaborative	Ms. Ayano Ogawa
9.	World Veterinary Association	Dr. Zeev Noga



Dr. Amalia Amada presenting



“We have mortgaged the health of future generations to realise economic and development gains in the present.”

(The Rockefeller Foundation–Lancet Commission on planetary health)

The Planetary Health Alliance
is a consortium of over 120 dedicated universities,
NGOs, government entities, research institutes,
and other partners around the world committed
to advancing planetary health.



PLANETARY
HEALTH
ALLIANCE

We work to support the growth of the planetary health field by:

- * **Connecting** the global planetary health community via an [Annual Meeting](#) and [virtual forums](#);
- * **Facilitating** the training of the next generation of scientists through publicly accessible educational resources and a postdoctoral fellowship;
- * **Cultivating** new advocates for planetary health through storytelling



PLANETARY
HEALTH
ALLIANCE

Areas for collaboration:

- Provide input at our Planetary Health Program-Building Webinar (**Nov. 13, 4-5:30pm EST**)
- Help craft the agenda for the 3rd Planetary Health Annual Meeting (Sep. 4-6, 2019) at Stanford University
- Join our [virtual forums](#) to share news about areas for collaboration with our community
- Join our education subgroups (graduate, undergraduate, primary/secondary, MPH, medicine/nursing)
- Join our Clinicians for Planetary Health working group
- [Sign up for our monthly newsletter](#) to stay informed about developments in the community and our initiatives
- Be a part of our storytelling initiatives – we welcome new ideas!



Amalia Almada, PhD

Senior Program Manager,
Planetary Health Alliance

26 Oxford Street, 4th Fl, Cambridge, MA 02138

Amalia_almada@g.harvard.edu

planetaryhealthalliance.org



Synergizing One Health Collaborations

October 24, 2018 9 a.m. Eastern

1.	Chatham House	Ms. Afifah Rahman-Shepherd
2.	International One Health Platform (OHP)	Ms. Chris Vanlangandonck and/or or Mr. David De Pooter
3.	International Student One Health Alliance (ISOHA)	Mr. Neil Vezeau
4.	International Veterinary Student Association (IVSA)- Standing Committees on Veterinary Education (SCoVE) and on One Health (SCOH)	Mr. Georgios Kotsadam (SCoVE) and Ms. Hyunji Kim (SCOH)
5.	One Health Commission	Dr. Cheryl Stroud
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HEALTH AND MEDICINE DIVISION

Forum on Microbial Threats

One Health Action Collaborative (OHAC)

Ayano Ogawa

Meeting on Synergizing One Health Collaborations

October 24, 2018

What is OHAC?

What:

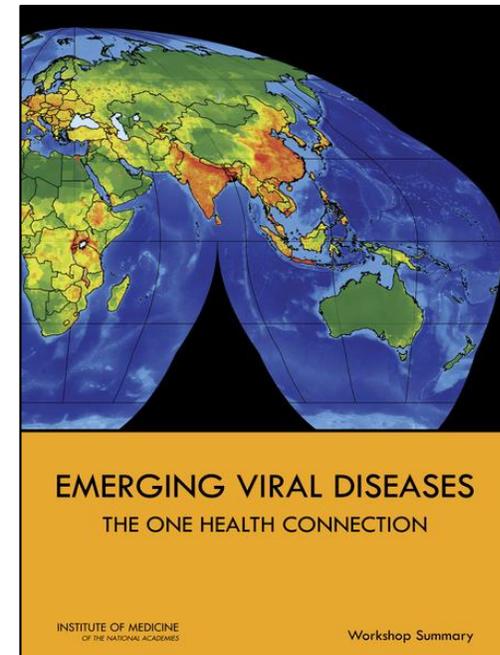
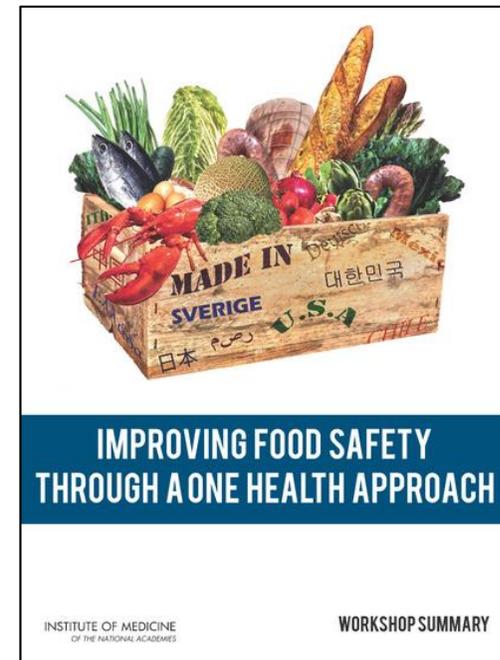
- An activity of the *National Academies' Forum on Microbial Threats*, launched in Jan 2017

Objective:

- To engage a community of participants who are interested in contributing to a detailed ongoing exploration and information sharing related to One Health topics and accelerating the implementation of a One Health approach in the field

Why:

- Despite efforts within the National Academies to address the One Health approach, there was no formal mechanism to convene multidisciplinary experts from various sectors to share information and collaborate on One Health issues *on a regular basis*



Membership

Jonna Mazet, (Chair)*

University of California, Davis

Kevin Anderson*

Department of Homeland Security

Casey Barton Behravesh

CDC

Peter Daszak*

EcoHealth Alliance

Jennifer Gardy*

University of British Columbia

Gail Hansen

Hansen Consulting, LLC

Elizabeth Hermsen*

Merck & Co.

James M. Hughes

Emory University

Lonnie King

Ohio State University - Vet Medicine

Sally Miller*

Ohio State University - Plant Pathology

George Poste

Arizona State University

David Rizzo

University of California, Davis

Mary E. Wilson*

University of California, San Francisco

**Current Forum Members*

Supporting Staff:

Ayano Ogawa, Ceci Shah, and Anh Tran (National Academies)

Eri Togami (UC Davis)



What have we accomplished?

- ✓ **Published paper on core competencies in One Health education in *National Academy of Medicine Perspectives* (June 2018)**
 - Presented at International One Health Congress
- ✓ **In-depth discussion and guidance on efforts in One Health**
 - National Academies Forum workshops: AMR, urbanization, and economics
 - CDC: United States One Health zoonotic disease prioritization workshop
 - World Bank efforts in One Health



Current Paper: One Health Workforce

Objectives

- Understand what types of reports have been produced on One Health workers in the US
- Evaluate the utility of One Health education for One Health professionals
- Determine whether employers of One Health are satisfied with the skillsets of employees who have received One Health training
- Explore the unique challenges that the One Health workforce faces and recommendations for its strengthening

Methods

- Literature search
- Job postings search
- Data collection through survey to One Health students, graduates, workers, and employers
 - submitted to IRB, pending approval



Moving Forward

Publication on the One Health Workforce

- Disseminate survey - we'd love your help!
- Analyze and synthesize findings to develop manuscript

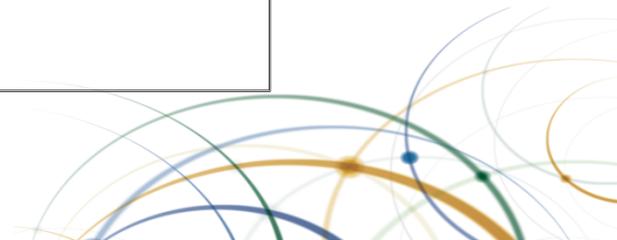
Conceptualize Paper

- Discuss current issues in food security and safety

Connect and Collaborate with Other Groups

- Draw on and invite relevant experts to join subcommittees for upcoming deliverables
- Advise and collaborate on external groups' efforts in One Health

*For more information on OHAC, please feel free to contact Ayano Ogawa at vogawa@nas.edu.



Appendix - Members of Forum on Microbial Threats

Peter Daszak, Ph.D. (*Chair*)

EcoHealth Alliance

Kent E. Kester, M.D. (*Vice Chair*)

Sanofi Pasteur

Mary E. Wilson, M.D. (*Vice Chair*)

University of California, San Francisco

Kevin Anderson, Ph.D.

U.S. Department of Homeland Security

Timothy Burgess, M.D., M.P.H.

Uniformed Services University of Health
Sciences

Dennis Carroll, Ph.D.

U.S. Agency for International Development

Emily J. Erbelding, M.D., M.P.H.

U.S. National Institutes of Health

Marcos A. Espinal, M.D., Dr.P.H., M.P.H.

Pan American Health Organization

Keiji Fukuda, M.D., M.P.H.

The University of Hong Kong

Jennifer L. Gardy, Ph.D.

University of British Columbia, Canada

Jesse L. Goodman, M.D., M.P.H.

Georgetown University

Karen Grosser, Ph.D., M.B.A.

Johnson & Johnson

Eva Harris, Ph.D.

University of California, Berkeley

Caroline S. Harwood, Ph.D.

University of Washington

Elizabeth D. Hermsen, Pharm.D., M.B.A.

Merck & Co., Inc.

Rima F. Khabbaz, M.D.

U.S. Centers for Disease Control and Prevention

Michael Mair, M.P.H.

U.S. Food and Drug Administration

Jonna A.K. Mazet, D.V.M., M.P.V.M., Ph.D.

University of California, Davis

Sally A. Miller, Ph.D.

The Ohio State University

Suerie Moon, Ph.D., M.P.A.

The Graduate Institute, Geneva

David Nabarro, B.M.B.Ch., MFPHM, FRCP

4SD – Skills, Systems & Synergies for
Sustainable Development

Kumanan Rasanathan, M.B.Ch.B., M.P.H

World Health Organization, Cambodia

Gary A. Roselle, M.D.

U.S. Department of Veterans Affairs

Peter A. Sands, M.P.A.

The Global Fund to Fight AIDS, Tuberculosis &
Malaria

Thomas W. Scott, Ph.D.

University of California, Davis

Jay P. Siegel, M.D.

Retired At-Large Member

Paige E. Waterman, M.D.

Walter Reed Army Institute of Research

Edward H. You, M.S.

U.S. Federal Bureau of Investigation

Matthew Zahn, M.D.

Orange County Health Care Agency



Synergizing One Health Collaborations

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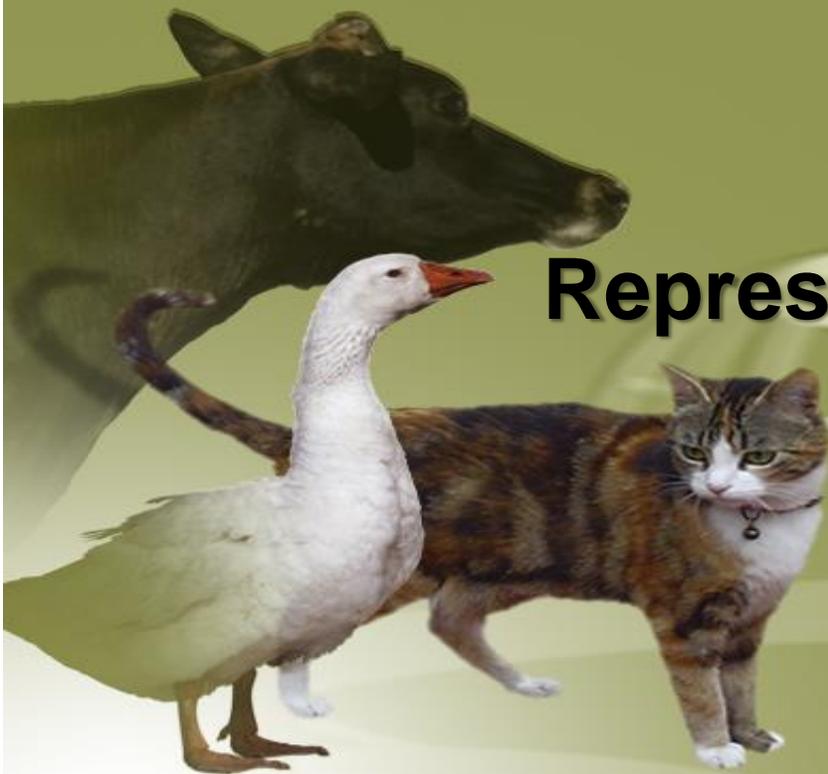


WORLD VETERINARY
ASSOCIATION

World Veterinary Association

Since 1863

Representing the Global veterinary Profession



Dr. Zeev Noga presenting





WORLD VETERINARY
ASSOCIATION



World Veterinary Association

The WVA represents over 500,000 veterinarians through its 95 member associations across six continents.

Mission

To assure and promote **animal health** and **welfare** and **public health globally**, through developing and advancing veterinary medicine, the veterinary profession as well as public and private veterinary services.



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WVA is committed to the One-Health Concept

The One-Health concept recognizes that the health of people and the health of animals and the environment are strongly interlinked.

WVA 5 Strategic Priorities

- Animal Welfare
- Pharmaceutical Stewardship
- Veterinary Education
- Zoonotic Diseases
- Organizational Growth and Partnerships

*Zoonotic disease	●●●●●●●● 10
*Pharma stewardship	●●●●●●● 7
*Animal welfare	●●●●●●●● 8
*Educ. of vets around the world	●●●●●●●● 10
Org./financial WVA stability (incl. Intl. Partnerships)	✓



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ASSOCIATION



WVA is committed to the One-Health Approach

- Veterinarians
- Physicians
- Ecologists
- and many others Professionals

work together to
reach optimal health

People,
Animals and the
Environment

WVA has a Memorandum of Understanding and effectively collaborates with relevant global partners on various One Health issues



World
Organisation
for Animal
Health





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WVA prepares and promotes global position papers/statements on One Health related issues:

- One Health concept
- WVA Declaration of Incheon on the Role of the Veterinary Profession in One Health and EcoHealth Initiatives
- Responsible Use of Antimicrobials
- Role of the Veterinarian in Animal Welfare
- Rabies control
- Opposition to International Scheduling of Ketamine
- The Benefits of Animal Vaccination Programs in Advancing Animal and Human Health (in drafting process)
- Availability of veterinary medicines (in drafting process)



WORLD VETERINARY
ASSOCIATION

WVA/16/PS/Rev.1
20th July 2016

World Veterinary Association Position on One Health

PRESIDENT
> Dr René CARLSON (USA)

PRESIDENT ELECT
> Dr Johnson CHIANG (Taiwan)

IMMEDIATE PAST PRESIDENT
> Dr Faouzi KECIROGLU (Turkey)

COUNCILLORS FOR AFRICA
> Dr Maria BAPTISTA (Angola)
> Dr Oumar TOUNGARA (Mali)

COUNCILLORS FOR AMERICA (NORTH)
> Dr John DRAKE (Canada)
> Dr Lyle VOGEL (USA)

COUNCILLOR FOR AMERICA (LATIN)
> Dr Maria Nelly CALADO (Colombia)
> Dr Joe Alejandra VARGAS BLANCO (Costa Rica)

COUNCILLOR FOR ASIA AND OCEANIA
> Dr Hui JIHYUNG (Korea)
> Dr Achanya SAILASUTA (Thailand)

COUNCILLOR FOR EUROPE
> Dr Zoran KATRINKA (Serbia)
> Dr Rafael LAGUENS (Spain)

COUNCILLOR FOR MIDDLE EAST AND NORTH AFRICA
> Dr Khaled EL HICHEMI (Tunisia)

COUNCILLOR FOR INTERNATIONAL REGIONAL ORGANIZATIONS
> Dr Sir Abdul RAHMAN (CVA)

COUNCILLOR FOR INTERNATIONAL DISCIPLINE-CENTRED ORGANIZATIONS
> Dr Patricia TURNER (IAAFLAM)

WORLD VETERINARY
ASSOCIATION (AISBL)

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E secretariat@worldvet.org
www.worldvet.org

Background:

One Health is the integrative effort of multiple disciplines working locally, nationally, regionally, and globally to attain optimal health for people, animals, and the environment. One Health recognizes that the health and well-being of humans, animals and ecosystems are interconnected. Achieving the concept of One Health involves applying a coordinated, collaborative, multidisciplinary, and cross-sectorial approach to address potential or existing risks that originate at the animal-human-ecosystem interfaces.

Animals, domesticated and wild, play a key role in the well-being of people and the future of our planet. Animals provide labour, food, protection, companionship and enjoyment, facilitate the advancement of biomedical research, and are a crucial part of healthy ecosystems. Keeping animals healthy is essential not only for their own welfare, but also for the health and security of people and the environment.

Addressing animal health and welfare, public health, and environmental and zoonotic issues as separate entities can lead to significant gaps and inconsistencies in policies and practices. To make lasting progress, a broad intersecting and interdisciplinary holistic approach is essential to develop effective interventions that fully address One Health issues and concerns¹

WVA Position:

Advancement of the health and well-being of people, animals and ecosystems depends on effective and sustained collaboration between many professions and disciplines, both in the public and private sectors, working at the local, national, and international level.

Education

Appropriate pre- and post-graduate training and education are key underpinnings for quality services delivered by health professionals. Given the importance of One Health to human, animal, and environmental health, it is essential to embed this subject in university curricula. Closer collaboration between veterinary, medical and other colleges will foster a broader view of One Health issues. Student-driven initiatives to address One Health concerns are effective and should be promoted. Emerging social media strategies can provide important mechanisms to spread information. Furthermore, continuing education and training for professionals on One Health should be encouraged.

Veterinary Services

WVA/WMA GLOBAL CONFERENCES ON ONE HEALTH

2012 - the WVA and WMA signed on a MoU to collaborate in a unified approach to tackle common health issues to improve Global Health.

2015 - 1st GCOH in Spain with support of Spanish Medical and Veterinary Associations

2016 - 2nd GCOH in Japan with the Japanese Medical and Veterinary Associations

2019 – Ongoing discussions on going with the Brazilian Veterinary and Medical Associations to hold the 3rd GCOH in Brazil





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Food and Agriculture
Organization of the
United Nations



WVA One Health Summit meetings with the support of WHO/OIE/FAO tripartite

Themes:

- 2011: Antimicrobial resistance
- 2013: Global Wellbeing – a Partnership of Animal and Human Health.
- 2015: Emerging and Re-Emerging Diseases
- 2017: Antimicrobial Resistance: from awareness to Action
- 2018: Biosecurity
- 2019: Value of Vaccination





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World Veterinary Day

Themes:

2009: Veterinarians and livestock farmers, a winning partnership

2010: One World, One Health: more cooperation between veterinarians and physicians

2011: Rabies

2012: Antimicrobial resistance

2013: Vaccinations

2014: Animal Welfare

2015: Vector-borne Diseases with a Zoonotic Potential

2016: Continuing Education with One Health Focus

2017: Antimicrobial Resistance-from Awareness to Action

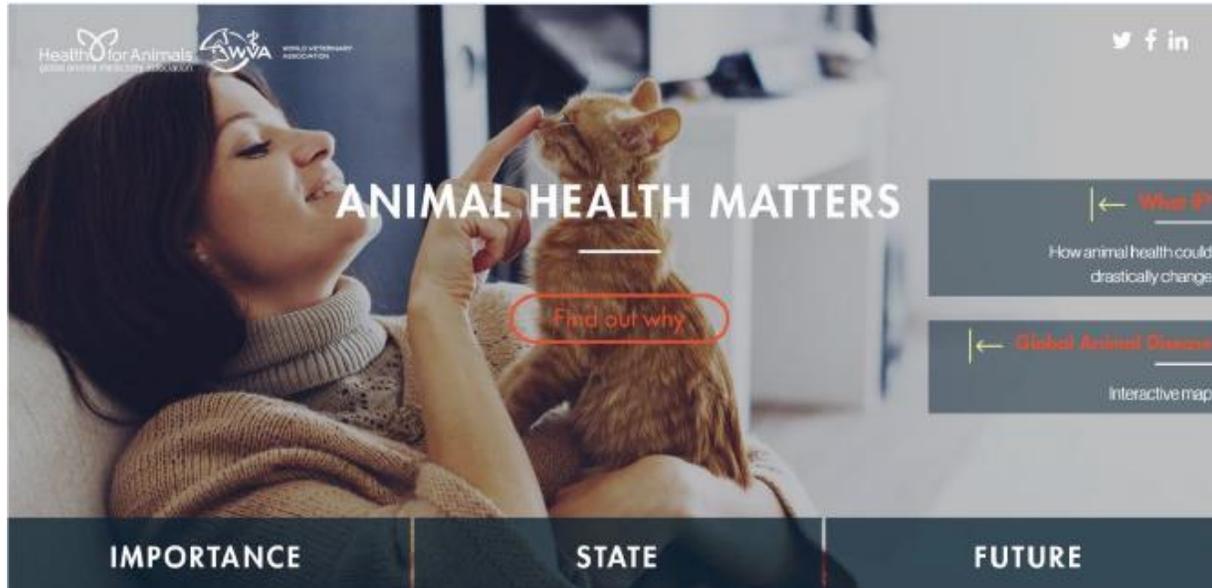
2018: The role of the veterinary profession in sustainable developments to improve livelihoods, food security and safety.





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Animal Health Matters



Together with HealthforAnimals (the global animal medicines association), WVA produced an **online resource** entitled *Animal Health Matters* to **educate and to build greater awareness** of the most pressing issues in animal and human health.



WORLD VETERINARY
ASSOCIATION



The WVA
Education Portal

WVA GLOBAL ONLINE EDUCATION PORTAL

The World Veterinary Association has the largest pool of Veterinary Continuing Education courses in the world.

✓ **Hundreds of courses under the OH umbrella.**





WORLD VETERINARY
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Summary



WVA One Health Activities

- ❖ Position Papers, Articles and Press releases
- ❖ World Veterinary Day
- ❖ Global conferences on One Health
- ❖ WVA OH Summit meeting with the support of WHO/OIE/FAO tripartite
- ❖ Animal Health Matters
- ❖ WVA Online Continuing Education Portal



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In conclusions

Veterinarians have the scientific, medical training and the statutory accountability as well as the opportunity and the responsibility to engage in a wide range of employment fields that deliver services to the benefit of society and all animals.

Animal Health + Human Health + Environment Health
=
One Health





George Lueddeke, PhD
Chair, One Health Education Task Force

IV. Brief Discussions / Summary

V. Any Follow-up meetings needed?

Thank You for participating in this
'Synergizing One Health Collaborations' Discussion

