August 9, 2017

One Health Happenings!

Reminder!

Second Annual Global One Health Day 2017, November 3, 2017

2017 One Health Day Press Release

Remember to plan your event for 2017 One Health Day! https://goo.gl/OIfN3E

See the 2016 Event Map (https://goo.gl/AWKZwg) and descriptions of over 156 events in over 35 countries. Anyone can plan and implement a One Health Day event and it doesn't have to fall right on November 3. Student Event Competition Awards of $2,000 each will go to one winning team in each of four global regions. Register your event! Get on the OH Day 2017 map!

88 days and counting!

NEWS

Attention Students! Your vote counts!
Students for One Health Executive Council Leaders

An international Students for One Health (SOH) organization is forming led
Vote by August 13, 2017
(students only)

**July 27, 2017**  'One Health in Action'
Comparative Dermatology: Cases at the Intersection of Human and Veterinary [medical] Dermatology and the One Health Paradigm  https://goo.gl/WPyyyd

At the 2017 American Academy of Dermatology Summer meeting (New York City), this forum featured physician dermatologists, veterinarian dermatologists and dermatopathologists and scientists asking how a collaborative approach across these disciplines can benefit both human and animal arenas.  Summary of Event  https://goo.gl/aKb73P

**July 21, 2017** One Health regional network created for the horn of Africa (HORN)

An innovative and ambitious One Health training and research program has been launched to build a regional network of individuals and institutions able to deliver high-quality research into the linkage of human health / wealth to livestock and the environment, in the context of how people interact now and how they interacted in the past.  https://goo.gl/GJpmr1

**July 17, 2017** New Guidelines published for One Health Studies: Checklist for One Health Epidemiological Reporting of Evidence (COHERE)

To date there has been "considerable heterogeneity of approach and quality of reporting in One Health studies. In addition, many researchers who publish such studies do not include or integrate data from all three domains of human, animal, and environmental health. This points to a critical need to unify guidelines for One Health studies. This new report details the Checklist for One Health Epidemiological Reporting of Evidence (COHERE) to guide the design and publication format of future One Health studies."
http://deohs.washington.edu/cohr/cohere

**July 9, 2017** G-20 Summit declaration tackles antimicrobial resistance based on One Health approach
(news link, The New Indian Express)

The G20 nations pledged to combat antimicrobial resistance through the implementation of their respective national action plans based on the "one health" approach. goo.gl/ccRKgY

**July 8, 2017** One Health, Many Threats - on Future Tense Radio Interview with Dr. William Karesh (EcoHealth Alliance), Dr. John Mackenzie (Curtin University), Dr. Matthew Stone (OIE), Dr. Alyssa Pyke (Department of Health, Queensland)
July 7, 2017  The World we Need - Review efforts led by the One Health Education Task Force (OHETF) to take One Health Education to young children and beyond on the new webpage launched for the Commission's One Health Education Initiative. [https://goo.gl/3YwqD1](https://goo.gl/3YwqD1)

June 1, 2017  Dublin Charter for One Health proposed in Dublin, Ireland, by the InterAction Council, (final communiqué, InterAction Council)

The InterAction Council was established in 1983 to mobilize the experience, energy and international contacts of a group of statesmen who have held the highest office in their own countries. Council members jointly develop recommendations and practical solutions for the political, economic and social problems confronting humanity. [goo.gl/pp1Kjb](https://goo.gl/pp1Kjb)

May 23, 2017  One Health in the OIE  (YouTube video)
"The Future for One Health is Very Strong. This idea has taken root......is here to stay "

Dr. Matthew Stone, Deputy Director General of the World Organization for Animal Health (OIE), discusses global priorities, challenges, and the future of the One Health concept. [goo.gl/9PbasY](https://goo.gl/9PbasY)


The One Health movement has brought veterinarians and physicians together over a wide range of common interests. We hear often about animals serving as sentinels for human exposures to environmental hazards and zoonotic diseases and many are familiar with the 'canary in the coal mine' saying. But pets can also be sentinels for domestic violence. [goo.gl/zJc29R](https://goo.gl/zJc29R)
'You can't make this stuff up'. The National Link Coalition has started a new feature in its LINK-Letter: each month they will share dramatic, first-person accounts of life (and death) inside the cycles of violence such as stories from abuse victims whose pets were targeted by their abusers to hold the entire family hostage. If you'd like to share your personal stories or (Veterinarians and Physicians those of your clients/patients, anonymity guaranteed), please contact Phil Arkow.  arkowpets@snip.net

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**EVENTS**

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**Save The Date:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>Nov 29-30, 2017</td>
<td>Pain in Animals Workshop 2017: Creating a Roadmap for Measuring Chronic Pain in Dogs and Cats</td>
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<tr>
<td>Nov 7-9, 2017</td>
<td>4th International Congress on Pathogens at the Human-Animal Interface (ICOPHAI), Environmental Changes and Impact on Global Health, Doha, Qatar</td>
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<tr>
<td>Aug 27-28, 2017</td>
<td>One Health Innovations Symposium: &quot;Preventing the Next Pandemic.&quot;, Kansas City, MO</td>
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<tr>
<td>March 17-18, 2017</td>
<td>One Health for the Real World: Zoonoses, Ecosystems and Wellbeing</td>
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http://www.eagleson.org/conferences/cdc-international-biosafety-symposium#

https://paw2017.com/

http://icophai.org/home

View the Agenda. goo.gl/CqsebP
**OPPORTUNITIES**

**Courses**

Ongoing: Available year-round

This course provides an opportunity for veterinary, medical/public health professionals, and students to refresh and gain knowledge of key zoonotic diseases of companion animals. It is approved for 10 hours of CE for veterinarians or veterinary technicians in jurisdictions that recognize AAVSB RACE approval. All participants receive a copy of the *book* by the same title as the course. Registration cost is $250 USD. [Register](https://goo.gl/NkoFUs)

Ongoing:

**Global Health Tanzania Field School Rotation, University of Calgary** (Facebook page)

This One Health Field School program takes place yearly in May/June in the Ngorongoro Conservation Area in Tanzania. Veterinary students work in an interdisciplinary team to improve the livelihood of the pastoralist Maasai population that primarily depends on livestock production for their survival. [goo.gl/ps2Y7t](https://goo.gl/ps2Y7t)

**Student Externship**

**Science Extern** Earthjustice Sustainable Food & Farming Program, work in the New York office Fall 2017. A graduate student in a program related to public health and/or climate change is preferred, but any talented student will be considered. [https://goo.gl/mmAoPE](https://goo.gl/mmAoPE)

**Jobs / Fellowships**

**Fellowship** for early career scientists to attend the 5th International One Health Congress June 22-25, Saskatoon, Canada  [https://goo.gl/rfqFVf](https://goo.gl/rfqFVf)
Staff Scientist - Health & Environment Program
(San Francisco, California, USA), Natural Resources Defense Council
Posted: June 14, 2017
NRDC seeks a scientist (PhD, MD, DrPH, ScD, etc. preferred) to serve as a scientific expert and policy advocate on issues related to the impact of toxic chemical exposures on human health. Work is focused on improvement of government regulation and policy, litigation, and legislation, as well as changes in products sold in the private sector. goo.gl/vnKprn

Faculty Position in Veterinary Public Health
Ohio State University College of Veterinary Medicine, Columbus, Ohio, U.S.A., https://goo.gl/ibDMC7
Inquiries: Dr. Armando E. Hoet, phone +1 614 292 1206; hoet.1@osu.edu

Professor - Climate Change and Health
(Berlin, Germany) Charité Center 1 for Health and Human Sciences / Berlin School of Public Health (BSPH) / Potsdam Institute for Climate Impact Research (PIK)
This new joint professorship connects the fields of climate impact research and public health and is responsible for teaching and research at the interface of these disciplines, and will investigate the effects of climate change on public health. In addition to the professorship at Charité, the appointee will become joint head (Co-Chair) of Research Domain 2 - Climate Impacts and Vulnerabilities - at PIK. goo.gl/aaqAEX

Extension Assistant Professor / Veterinarian - Wildlife Health
University of Tennessee, Institute of Agriculture
(Nashville, Tennessee, USA)
The Department of Forestry, Wildlife and Fisheries (FWF) invites applications for a 12-month non-tenure-track faculty position to support and collaborate with the Tennessee Wildlife Resources Agency (TWRA). The successful candidate will address local, state, and regional issues/concerns related to the juncture of wildlife, domestic animal, and human health (One Health) as they relate to the welfare of wildlife populations. https://goo.gl/FdbnV7

Assistant / Associate Professor
Environmental Epidemiology
Yale School of Public Health, Dept. Environmental Health Science
(New Haven, Connecticut, USA)
Deadline: Aug 20, 2017
Preference for experience studying health impacts from exposures to chemical or physical environmental...
stressors in air, water, food, or dust; occupational exposures; climate change; gene-environment interactions; and/or developing methodology for exposure and risk assessment.

Assistant Professor
Community and Environmental Sociology
University of Wisconsin-Madison
(Madison, Wisconsin, USA)
Deadline: Sept 15, 2017

Junior research and teaching position, 9-month appointment. The successful candidate will carry out a vigorous research program at the forefront of environment and health, and be able to secure external funding.

goo.gl/N7Axia

PRESENTATIONS, INTERVIEWS, WEBINARS, VIDEOS & BLOGS

For more - Check out the One Health Commission online One Health Library

https://goo.gl/kCtKNs

July 27, 2017 Webinar - Climate Changes Health: How Climate is Changing Your Dinner Plans
Hosted by the American Public Health Association and Johns Hopkins Center for a Livable Future, Public health experts discussed topics including food systems, food production, energy in food distribution, and how all affect our health.
https://goo.gl/sNSJ9a

June 12, 2017 Celebrating the Next Generation of One Health leaders: Congratulations, Heather Fowler! (YouTube video)
Heather Fowler, VMD, PhD, recently received her PhD in Environmental and Occupational Health Sciences through the Center for One Health Research at the University of Washington. Mentored by Peter Rabinowitz, M.D., MPH, she received the coveted Gilbert S. Omenn 2017 Award for Academic Excellence among hundreds in the UW School of Public Health, and gave the student address at the June graduation ceremony. See the video and transcript of her speech.
goo.gl/e613aN

June 8, 2017 Webinar - Operationalizing One Health in the Arctic: Tackling Emerging One Health Challenges in a Regional Diplomatic Forum, by Joshua Glasser, Presented by One Health Academy, Washington, D.C., Webinar platform provided by One Health Commission. Recording unavailable at this time. Online Report by this title.

April 28, 2017 Webinar - Climate Changes Health: Community Design and Transportation
How climate change strategies can improve community design and transportation practices to support healthy, equitable communities. This is the third webinar supporting the American Public Health Association’s Year of Climate Change and Health. Recording - goo.gl/agwHDW

April 19, 2017 Webinar - Overlooked health synergies: How combining perspectives on the health of animals, people and environments can enhance our responses to big-picture environment, community and health challenges. Hosted by Communities of Practice in Ecosystem Approaches to Health (CoPEH)-Canada, part of EkoSanté, a collaboration arising from CoPEH in Latin America and the Caribbean (CoPEH-LAC) and in Canada (CoPEH-Canada)

April 13, 2017  Webinar - One Health in the U.S. Animal and Plant Health Inspection Services (APHIS), Presentation by Jack Shere, DVM, MS, PhD at the One Health Academy, Washington, DC with webinar support provided by the One Health Commission. Recording unavailable.

April 7, 2017  Healthy People, Healthy Ecosystems: Implementation, Leadership and Sustainability in Global Health (pdf presentation slides)
Plenary Session keynote presentation by Dr. Andrew Maccabe, CEO of the Association of American Veterinary Medical Colleges (AAVMC) and One Health Commission Board member. Dr. Maccabe spoke on livestock production, sustainability and poverty reduction at the Consortium of Universities for Global Health’s (CUGH) eighth annual Global Health Conference, held in Washington, DC. goo.gl/hMyM2Z

April 7, 2017  Webinar - Digital Surveillance of Emerging Infectious Diseases and Outbreaks: A One Health Approach
Ms. Maja Carrion, Assistant Director for ProMED, hosted by the Global Health Security Network NextGen Working Group. goo.gl/Ztjn5J

March 30, 2017  Webinar - Climate Changes Health: Clean Energy Changes Climate (YouTube video)
Part of the Year of Climate Change and Health webinar series, APHA, Health Care Without Harm, Citizens' Climate Lobby and The Nature Conservancy are proud to present this webinar highlighting the health impacts of climate change and clean energy solutions to mitigate climate change and advance health. goo.gl/t1JRxE

March 9, 2017  Webinar - Cut, Copy and Paste: How antibiotic resistance genes move between bacteria, by Patrick McGann, Presented by One Health Academy, Washington, D.C., Webinar platform provided by One Health Commission. Recording goo.gl/YZzmkc

Dec 1, 2016  Webinar - One Health: From AIDS to Zika
Richard Riegelman, lead author of books One Health: From AIDS to Zika and Public Health 101 discusses the new One Health initiative-what is it and why is it needed? goo.gl/Yq4Z5w

One Health Publications

Recent Journal Articles


Biological annihilation via the ongoing sixth mass extinction signaled by vertebrate population losses and declines, Gerardo C, Ehrlich PR, Dirzo R, PNAS, July 10, 2017, DOI: 10.1073/pnas.1704949114. Popular Media coverage of the article.


An integrated study of human and animal infectious disease in the Lake Victoria crescent small-holder crop-livestock production system, Kenya, Fèvre, Glanville, Cook, Kariuki, Wamae, BioMed Central, BMC Infectious Diseases, June 2017, 17:457, DOI: 10.1186/s12879-017-2559-6

One Health goes to India, Lederman Z, J. Agricultural and Environmental Ethics, June 2017, DOI: 10.1007/s10806-017-9671-x.


- Local disease-ecosystem-livelihood dynamics: reflections from comparative case studies in Africa, DOI: 10.1098/rstb.2016.0163
- One Health contributions towards more effective and equitable approaches to health in low- and middle-income countries, DOI: 10.1098/rstb.2016.0168
- Poor livestock keepers: ecosystem-poverty-health interactions, DOI: 10.1098/rstb.2016.0166
- One Health, emerging infectious diseases and wildlife: two decades of progress? DOI: 10.1098/rstb.2016.0167
- Views from many worlds: unsettling categories in interdisciplinary research on endemic zoonotic diseases, DOI: 10.1098/rstb.2016.0170
- Facility-based surveillance for emerging infectious diseases; diagnostic practices in rural West African hospital settings: observations from Ghana, DOI: 10.1098/rstb.2016.0544
- Structural drivers of vulnerability to zoonotic disease in Africa, DOI: 10.1098/rstb.2016.016
- Integrative modelling for One Health: pattern, process and participation, DOI: 10.1098/rstb.2016.016
- Spatial, seasonal and climatic predictive models of Rift Valley fever disease across Africa, DOI: 10.1098/rstb.2016.0165
- Zoonoses, One Health and complexity: wicked problems and constructive conflict, DOI: 10.1098/rstb.2016.0171
- Engaging research with policy and action: what are the challenges of responding to zoonotic disease in Africa? DOI: 10.1098/rstb.2016.0172


Transcript - National Science Review Forum at the World Life Science Conference in China in November, 2016. A panel of international scientists discussed the lessons learned from pandemics in recent years, why there is an urgent need to move towards the One-Health approach, and how China could play a leading role in the global effort to combat infectious diseases.


(Re-)Discover Past One Health Publications


**BOOKS**

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**New 2016**


**2012**


**2012**


Prepared by C. Stroud and E. Cheng

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