

One Health Happenings!

December 2017, Segment One



Editorial Comment

This issue of One Health Happenings got so long that we had to break it into two segments to go out within minutes of each other.

- Segment One contains News, Events, and Opportunities (Courses, Jobs, Training, Travel Awards)
- Segment Two contains Blogs, Books, Interviews, Publications, Videos, and Webinars

If you have One Health news that might be of interest to the Global One Health Community, please forward it to cstroud@onehealthcommission.org.

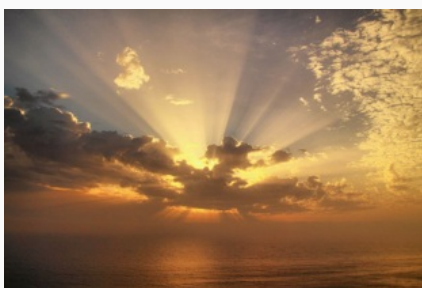
We hope you enjoy this final issue of the 2017 [One Health Happenings News Notes](#) and that it is helpful and informative.

<https://goo.gl/Vrp49c>

We'll see you again in 2018!

NEWS





One Health: [A Ray of Hope for the future](#)

With the 21st Century came a nagging awareness: 1) untoward side effects of human progress are threatening the health of our planet and all Life that it supports; and 2) we have lost an ancient holistic wisdom of the interconnectedness of all Life. A global call arose to reconnect our wells of knowledge to jointly address our global challenges, and the concept now known as One Health slowly began to take root. It has become a movement that is viewed by many as a 'ray of hope' for the future. goo.gl/jWWVPf



Attention Students!

1. Meet your new [International Students for One Health Executive Council](#) (SOH-ExCo) <https://goo.gl/TBC8Ak>
2. Get your SOH group on the [Who's Who in SOH Map!](#) <https://goo.gl/s8ssLt>
3. Get in Touch: soh@onehealthcommission.org

New!!!

[One Health MPH at University of Washington, USA!](#)



More Information: (<https://goo.gl/Aib5zH>)

[November 22, 2017 Iowa One Health Month Declared](#)

In recognition of One Health initiatives in Iowa, Iowa Governor Kim Reynolds signed a Proclamation declaring November as [Iowa One Health Month](#). (<https://goo.gl/WfujEm>).

About [Iowa One Health](#) (<https://goo.gl/fpmFd4>)

Photo-Left to Right:

Jake Swanson, Governor Kim Reynolds, and Neil Vezeau



November 13-19, 2017 [World Antibiotic Awareness Week](#) - Antibiotics: Handle with care

The 68th World Health Assembly's Global Action Plan on Antimicrobial Resistance (May 2015, with FAO, OIE, WHO) outlines strategic objectives to control AMR through a "one health" approach.

<https://goo.gl/RNbgfC>

November 10-11, 2017

Ohio State's Global One Health initiative ([GOHi](#)) Celebrated opening of Eastern Africa Office in Addis Ababa, Ethiopia.

GOHi opened a regional office in Addis Ababa in November 2016 to manage One Health activities throughout the region. A ribbon-cutting ceremony took place on November 11, 2017 to celebrate GOHi's registration as a non-governmental organization by the Ethiopian Charities and Societies Agency. The new office will





organization by the Ethiopian Charities and Societies Agency. The new office will serve as a central foundational location to coordinate efforts between Ohio State and the eastern Africa region, with a focus primarily on One Health activities. (<https://goo.gl/kSBSF2>)

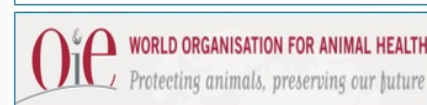


November 4-8, 2017 New this year! CE for Veterinarians and Veterinary Technicians at the [American Public Health Association \(APHA\) Annual Meeting](#), Atlanta, Georgia, USA

In the spirit of One Health, this year the APHA provided Continuing Education credits to Veterinarians and Veterinary Technicians at the 2017 Atlanta APHA Annual Meeting & Expo "Creating the Healthiest Nation: Climate Changes Health". Select meeting sessions offered up to 13.50 credit hours to any Veterinarian or Veterinary Technician attending. apha.org/annualmeeting

FAO Engaging food and agriculture sectors to combat AMR using a One Health approach in low income countries with the support of Fleming Fund.

[FAO's Global Action Plan on AMR](#), in collaboration with tripartite partners WHO and OIE, brings together experts in health, agriculture and the environment for workshops like this one in [Khartoum, Sudan](#), to help countries develop their national action plans for multi-sectoral solutions to AMR. For more information visit www.fao.org/antimicrobial-resistance. goo.gl/fM8NY8



October 13, 2017 [Second One Health Tripartite strategic document released](#). <https://goo.gl/TXTj9N>

The document "[The Tripartite's Commitment: Providing multi-sectoral, collaborative leadership in addressing health challenges](#)", presents the way forward that the three organisations will follow to face the challenges of the future. The scope of their collaboration will be enlarged to more broadly embrace the "One Health" approach recognizing that human health, animal health and the environment are interconnected. <https://goo.gl/4xcRu6>

September 16, 2017 Kansas State University (USA) Assumes Production of [One Health Newsletter](#) <http://www.vet.k-state.edu/OneHealth/>

The One Health Newsletter was first overseen by Florida's State Public Health Department, then U of Florida and now Kansas State. It was created (2008) to lend support to efforts of the One Health Initiative (OHI) Autonomous pro bono team, a group of One Health leaders who have, since 2006, educated globally about One Health and One Health issues via their website and network. Writing contributions from professionals around the globe are welcome for the newsletter. Contact Rachel Reichenberger (rmcadam@vet.k-state.edu). See [archived issues](#) <https://goo.gl/nyofnW>



September 2017 Nigerian Federal Ministries of Agriculture, Environment and Health published the [National Action Plan for Antimicrobial Resistance 2017-2022](#).

In line with her agreement in 2015 to the World Health Assembly's Global Action Plan on antimicrobial resistance, Nigeria has assured her commitment by developing her National Action Plan through a 'One Health' approach and enrolling in the Global AMR Surveillance System (GLASS).



Tulane Students for One Health forms

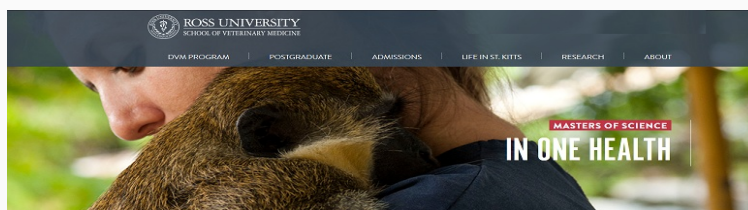
The Student One Health Club at Tulane was founded in January 2017 by students from Tulane's School of Medicine, School of Public Health and Tropical Medicine, and the Department of Ecology and Evolutionary Biology. These students were interested in incorporating a broader approach to health in to their studies of human medicine, public health, environmental sciences, natural resources, and research with the goal of promoting interdisciplinary efforts between these seemingly disparate fields. The club holds events throughout the year to engage Tulane students and the broader New Orleans community in learning about One Health and its applications. <https://goo.gl/tKu4D8>



NEW!!!! Undergrad One Health course being launched at Tulane, 'One Health Approaches to Disease'

This new course (TRMD 7650) will explore the theory behind One Health, describe methods and tools used in One Health, and develop skills to work with interdisciplinary teams and communication across professions. Students will work in teams to produce an analysis of a health issue using a One Health framework. Offered Spring 2018 through the Tulane University School of Public Health and Tropical Medicine. Instructor: Lina Moses. Imoses2@tulane.edu

NEW!!!! [Masters in One Health at Ross University](#)



RUSVM is committed to a One Health, trans-disciplinary approach to understanding and sustainably reducing the burden of zoonoses. Zoonoses and other diseases affecting livestock production and health can have serious impacts on the economic growth, health and food security and alleviation of poverty in tropical and resource constrained countries.

<https://goo.gl/TWcBLE>



March, 2017 [Texas A&M Appoints Dr. Gerald Parker as Associate Dean of Global One Health](#)

Dr. Parker serves as Campus Director for Global One Health for Texas A&M University and holds a joint appointment in the College of Agriculture & Life Sciences as strategic advisor of the Institute for Infectious Animal Diseases in AgriLife Research and the Bush School of Government & Public Service, as Director of the Biosecurity and Pandemic Policy Program. <https://goo.gl/nYeU1n>

[U.S. CDC Connecting human, animal, and environmental health.](#)

More than half of all infections that people get are spread by animals. Diseases like rabies, Salmonella, and West Nile virus infections are examples of zoonotic diseases (or zoonoses)- diseases that can be shared between animals and people. Every year, tens of thousands of people get sick from diseases spread between animals and people. Animals can sometimes serve as early warning signs of potential illness in people. For example, birds often die of West Nile virus before people get sick with West Nile virus fever. Learn about CDC's One Health work in the United States and around the world to protect the health of people, animals, and the environment.

<https://goo.gl/T4f12D>



Must Reads!

[The One Health Call](#)

The Great Nutrient Collapse

Another quintessential One Health Challenge - this one on the food security/quality front. Read all the way through to discover the One Health challenge that a mathematician wanting to learn about and contribute to plant biology experienced.

<https://goo.gl/1sUAVu>



Soybeans growing in a field outside Lincoln, Nebraska, one of many crops whose nutrient content is shifting as a result of rising carbon dioxide levels. | Credit: Johnson for POLITICO

Can we remain food secure amid climate change? Kahn L, Bulletin of the Atomic Scientist, September 12, 2016.

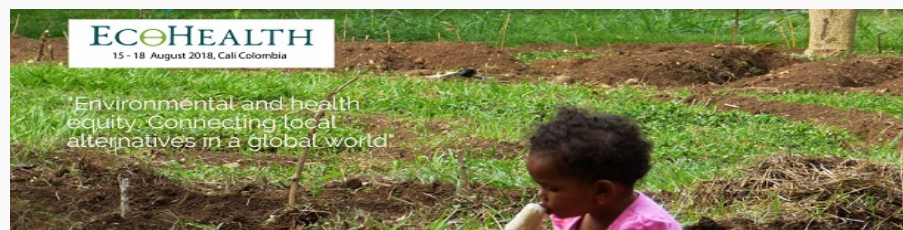
<https://goo.gl/USqb8n>

EVENTS

2018

August 15-18, 2018 EcoHealth 2018, Cali, Colombia, **Abstracts due by December 30**

<http://ecohealth2018.co/>



June 22-25, 2018 5th International One Health Congress: program update

Saskatoon, Canada.

With distinct program tracks on One Health Science (zoonoses, climate change, food and water safety), antimicrobial resistance and translational science.

Abstracts being accepted. <https://goo.gl/i9c7zj>

[Check the updated program](#) / [Register for the Congress](#) .



April 29-May 2, 2018

International Conference on One Medicine One Science



<https://ccaps.umn.edu/icomos-2018>

March 1-4, 2018



<http://www.isid.org/icid/>

December 14-15, 2017 [2nd One Health International Conference: How can we collaborate?](#)
Bangkok, Thailand

The OHIC 2017 will provide an international venue for One Health junior researchers to present their findings and for international senior researchers to present their One Health achievements and implications for One Health practice. This conference has been held in Asia-Pacific countries since the first meeting was held in Sri Lanka in 2014 with the great success.



November 16-18, 2017 [One Health Approach to Sustainable Development in Africa](#)
Afe Babalola University, Ado-Ekiti, Ekiti State, Nigeri, International Conference

This conference offered a platform to scholars in the social sciences, humanities, sciences and other disciplines, to interrogate the goals of the sustainable development agenda and functional integrated health policy by examining the intricately linked three pillars of sustainable development and the tripartite concerns of the One Health approach.
goo.gl/UNcom8



Nov 7-9, 2017 [4th International Congress on Pathogens at the Human-Animal Interface \(ICOPHAI\), Environmental Changes and Impact on Global Health](#), Doha, Qata



<http://icophai.org/home>

October 23, 2107
[Operationalizing One Health: Observe, Analyze, Communicate"](#),
Side Event at the 2017 [US GEO \(Group on Earth Observations\) Plenary](#)

This side event sought to define and motivate the use of the One Health approach within a GEO Plenary context, to aid decision making by the GEO Member governments and GEO Participating Organizations. As a region of the world where One Health has long been recognized in local communities, the Arctic will be used as an illustrative example throughout the session. goo.gl/vPLSto
[Slide Presentations](#)



October 24, 2017
[US GEO Health Community of Practice Side Event](#) at the [2017 US GEO Plenary](#),
Overview of the "One Health" approach at the interface of human, animal, and environmental health risks.

This side Event focused on how Earth observations are contributing to GEO Work Programme focus areas: 1) a Harmful Algal Bloom Early Warning System, 2) Integrating Methods for Air Quality and Health Data, 3) a Global Observing System for Mercury and Persistent Pollutants, and 4) Earth Observations for Health.



October 12 - 13, 2017 Workshop:

'One Health', renewed integrating approach to the growing global health risks,

Havana, Cuba

Palacio de las Convenciones, Havana, Cuba, (Scroll down for English.) Hosted by CENSA, FAO, OIE, CEDESAP (Training Center for the Reduction of Animal and Plant Health Disasters), Ministerio de Educacion Superior, <https://goo.gl/nuv9AK>



October 10-11, 2017 **Uppsala Health Summit**, Uppsala, Sweden

This invitational Summit was organized around solutions-oriented workshops and plenum sessions and addressed a range of issues related to emerging infectious disease and how to operationalize One Health. Topics included barriers and opportunities for modern typing tools and diagnostics, the use of big data in surveillance, risk behavior, zoonotic disease management and research agendas. <https://goo.gl/UyqpWh>



September 19, 2017, ONE HEALTH Innovative Biotech Solutions: Building Brazil's Biotech Future

Hosted by Biotechnology Innovation Organization (BIO) and Biomina Brazil in São Paulo, Brazil, this event brought together more than 130 representatives from the life sciences sector from more than 100 institutions and 8 different countries.

<https://goo.gl/FQFaad> <https://goo.gl/kB8SMc>



September 17-18, 2017 **9th One Health Bangladesh Conference,**

Dhaka, Bangladesh

This conference identified challenges and explored solutions for achieving the Sustainable Development Goals (SDG) using a One Health approach. It was hosted by One Health Bangladesh, part of the One Health Network South Asia. goo.gl/kMHdBr

September 10-23, 2017 **Afrique One Aspire 2nd Annual Meeting.** Arusha, Tanzania

Building Pan-African Research Capacity in One Health, this meeting included a summer school on research planning and management, a scientific event with presentations of the studies carried out within the programme, and the management board meeting. <https://goo.gl/1mBZFz>

OPPORTUNITIES

Travel Awards



International Society of Infectious Diseases Annual Meeting 2018 Travel Awards.



Travel and other awards are available for outstanding abstracts, including a grant from the Bill & Melinda Gates Foundation that will support early career investigators from low-income countries. <https://goo.gl/clw9m7>

Call for Papers

Seeking Social Scientists engagement in One Health

Call for papers for [Special Issue of Monash Bioethics Review on 'One Health Ethics'](#)

, Guest Co-Edited by Zohar Lederman (Centre for Biomedical Ethics, National University of Singapore) and Chris Degeling (Centre for Values, Ethics & Law in Medicine (VELIM); University of Sydney).

Deadline extended to Dec 30, 2017. <https://goo.gl/GMpdT7>

Calling for Papers for new article collection:

[One health paradigm to foster population health](#)

Archives of Public Health, BMC, BioMed Center, part of Springer Nature.

Contact: archpublichealth@biomedcentral.com

<https://goo.gl/XqvVMk>



Calling for Papers [for Special Issue of PLOS Medicine: Climate Change and Health](#)

Guest Editors: J. Patz, Global Health Institute, University of Wisconsin-Madison,

M. Thomson, International Research Institute for Climate and Society, Columbia U., Deadline: February 2, 2018,

<https://goo.gl/9bvVQ9>

Calling for Papers: Special Journal Issue,

["Canine Rabies Surveillance, Control and Elimination"](#),

MDPI Veterinary Sciences, Guest Editor: Ricardo Castillo-Neyra, DVM, PhD, MSPH.

This Special Issue is dedicated to discussing recent developments in canine rabies surveillance, and exploring new control and elimination strategies for canine rabies. Manuscripts using the One Health approach are especially encouraged. Deadline March 31, 2018 <https://goo.gl/tJMB6J>



Courses / Training

October 16-18, 2017

[Introduction to Syndromic Surveillance](#)

Location: Centro Nacional de Sanidad Animal (CENSA, National Center for Animal Health), Mayabeque, Cuba. Hosted by CENSA, FAO, OIE, CEDESAP (Training Center for the Reduction of Animal and Plant Health Disasters), Ministerio de Educacion Superior (Scroll to bottom of announcement)

Course Coordinator: Dr. Pastor Alfonso Zamora, alfonso@censa.edu.cu <https://goo.gl/nuv9AK>

September 13-15, 2017



The EU COST funded project Network for Evaluation of One Health (NEOH) offered its third Training School on the topic "Evaluation of One Health" with the aim to raise awareness and capacity for One Health evaluation. Trainees (from inclusiveness countries) received a grant of EUR 600. There was NO registration fee, and trainees did not need to be NEOH members. goo.gl/43TMwG

MOOC: One Health: Connecting Humans, Animals and the Environment

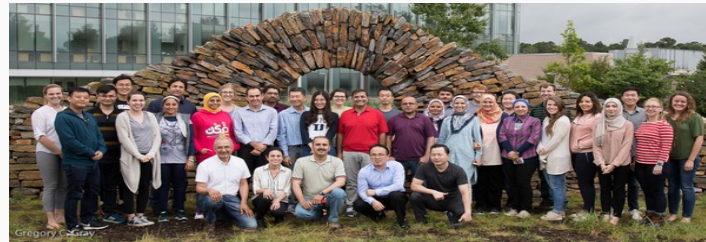


This course explores how One Health works in practice, bringing together different scientific perspectives. You will, for instance, study vaccination coverage data and discuss food safety enhancement. You learn how to calculate the added value resulting from the One Health approach using case studies. goo.gl/W663fu

May 17 - June 10, 2018

Duke One Health Training Program

The 2017 Duke One Health Training Program class included 42 scholars from 7 countries: China, Egypt, Lebanon, Mongolia, Morocco, Pakistan and the USA. <https://goo.gl/6CbXXn>



July 9 - August 3, 2018

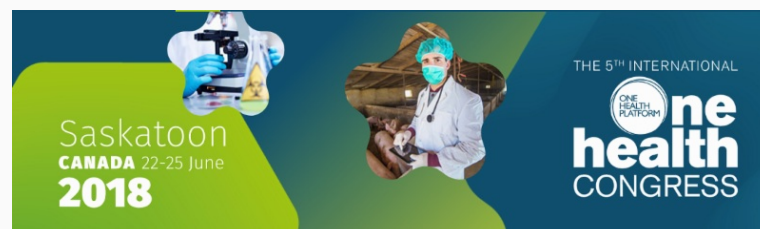
Rx One Health 2018, Summer 2018 Experiential Field Course in Tanzania

Intensive 4-week course aimed at early career health, agriculture, and conservation professionals who wish to gain knowledge and skills in the principles and practices of One Health. MUST WATCH! [Rx One Health - A Student's Perspective](#)
Maximum 22 participants. Apply early! **Deadline: 5 pm PST January 30, 2018**. Inquiries: rxonehealth@ucdavis.edu
<http://rx.onehealth.institute>



Jobs / Fellowships

Fellowship for early career scientists to attend the 5th International One Health Congress
June 22-25, Saskatoon, Canada, <https://goo.gl/rfqFVf>



Rwanda and Massachusetts, USA

The Cummings School of Veterinary Medicine at Tufts University is seeking applicants for a two year One Health Post-Doctoral Research Associate position. The One Health Post-Doctoral Research Associate will join programs in wildlife and conservation medicine, infectious diseases, and Global health. One Health is a key component of all academic programs, both nonclinical and clinical, at Tufts. This position will be based 60% of the year at the University of Global Health Equity in Rwanda and the remaining 40 % at the Cummings School of Veterinary Medicine. <https://goo.gl/rFN4Sd>

Faculty Position, Virginia Tech Blacksburg, Virginia, USA

Risk assessment, cumulative impacts and/or environmental epidemiology, Department of Population Health Sciences with an interdisciplinary team of faculty working on the intersection of ecological and human health in rural communities, Will be part of new BSPH degree and existing MPH degree. Qualifications - Ph.D., M.D., M.D./Ph.D., DVM/Ph.D, contact jgohlke@vt.edu or swm@vt.edu. <https://listings.jobs.vt.edu/postings/80310>

Research Analyst - Duke University, Durham, North Carolina, USA

Perform epidemiological and biostatistical analyses, prepare manuscripts and grant reports, and other plan, coordinate, and administer activities for the Duke One Health Team and affiliated network. May supervise visiting scholars, Duke Work Study students and guide graduate students. <https://goo.gl/693TSn>

One Health Coordinator, Mott MacDonald, London

Serve as a key person of contact with the One Health partners at Massey University to ensure the highest quality professional standards in the conduct of the Fleming Fund supporting experts in four regional offices, high-level liaison with partners, including the UK Department of Health, WHO, FAO and OIE. <https://goo.gl/Kicpna>

Open Rank Faculty Position - Global Water, Sanitation, and Hygiene (Global WaSH)

North Carolina State University, Raleigh, North Carolina, USA

Seeking social scientists whose work will contribute to interdisciplinary collaborations and is anchored in under-served communities. Training in either qualitative or quantitative methodologies would be welcome as would a disciplinary background in fields such as anthropology, environmental sciences, history, international development, policy science, and public health. Geographic expertise is expected in the Global South, with some preference for regions with the greatest needs in the WaSH domain. goo.gl/jhga4S



One Health Program Director

University of Global Health Equity, Kigali, Rwanda

We are particularly interested in those who have a combination of environmental health, environmental science, climate science, or social medicine background. The position requires relocation to Rwanda, and includes potential for an adjunct position at Tufts, Cummings School of Veterinary Medicine. Direct questions to Jeanne Coffin-Schmitte, Jeanne.Coffin@tufts.edu goo.gl/7khnsa



Research Professor

Ross University School of Veterinary Medicine One Health Center for Zoonoses and Tropical Veterinary Medicine.
<https://goo.gl/4LTzA7>



Beryl Ivey Endowed Chair in One Health



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<https://goo.gl/yzKp3D>

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