What is One Health all about?
The term ‘One Health’ refers to the interconnectedness and interdependency of human, animal (wild and domestic) and environmental health. The resurrection of this ancient concept began in the late 1990s when ecologists and wildlife conservationists realized that our ‘systems’ of specialized professionals had forced us into silos that never interact. The concept was embraced by the veterinary medical profession and catapulted into the human health domain with growing awareness of diseases that are transmitted from animals to people such as AIDS, Avian Influenza, Bovine Spongiform Encephalopathy, Severe Acute Respiratory Syndrome, Nipah and Ebola viruses, to name a few. Our understanding of the need for a One Health, multidisciplinary approach to complex problems expanded further with the realizations that urbanization and economic development can affect human, animal and environmental health, that incidence of vector-borne zoonoses such as Babesiosis, Bartonellosis, Lyme Disease, Rocky Mountain Spotted Fever, Zika virus and others can be altered by changing climate and landscapes and pose serious health and economic threats to human and animal populations, that understanding diseases and conditions shared by people and animals can lead to preventive and therapeutic measures beneficial to both, that food and water safety and security for all living things depends on conservation and soil health, that antimicrobial resistance among people and animals has an unavoidable environmental component, and that we cannot have good human health and welfare without good animal, plant and environmental health and welfare. One Health has many faces. Indeed, every profession must be at the table if we are to bridge our current siloed systems to achieve long term health goals for people, animals, the environment and, in turn, to enhance global security.

What is the One Health Commission?
Chartered as a 501(c)(3) non-profit organization, the One Health Commission (OHC) is a prominent, international body of action-oriented, One Health-dedicated individuals and organizations. Its programs are designed to serve as a gateway for the active exchange of One Health-related information and knowledge, sharing of resources, and collaborative initiatives that extend beyond disciplinary boundaries. Based in central North Carolina and working globally, it is governed by a Board of Directors.

Our Mission
Our mission is to connect, create, educate and support networks to improve shared health outcomes and well-being of people, animals and plants and to promote ecosystem resilience through a collaborative, local to global One Health approach.

Achievements
Connecting the Global One Health Community
The Commission provides opportunities for One Health leaders around the world to share their programs and initiatives. Its First (2014) and Second (2016) International Who’s Who in One Health online webinars drew over 1,500 participants from more than 35 countries. It led online ‘Synergizing One Health Collaborations’ meetings in 2017 and 2018 and a ‘Who’s Who in One Health in Latin America’ webinar and two One Health Collaborations in US State and Local Government webinars in 2019. The OHC manages a growing Global One Health Community Listserv of almost 10,000 international participants, distributes a monthly global One Health Happenings newsletter of One Health news, events, opportunities, announcements and publications and maintains an ever-expanding global directory of ‘Who’s Who in One Health’. Its website serves as a One Health Library and a clearinghouse for One Health events, scientific publications, relevant popular media news items, training, employment and funding opportunities. The OHC also provides global outreach and representation of One Health at major international conferences.

Creating and Leading One Health Actions
Many of our ‘wicked’ health challenges, like antimicrobial resistance, can be controversial. The Commission provides a ‘safe zone’ for interprofessional conversations, projects and actions. Volunteer One Health Action Teams, made up of individuals from diverse backgrounds identify public health and education gaps and work to address them. Examples include the OHC Bat Rabies Education
The Commission communicates credible, science-based information on One Health issues to the public through venues such as the bi-lingual ‘What is One Health’ public service radio announcement and YouTube video. It hosts free global educational webinars that raise awareness and educate about the economic, public health and global health security benefits of a One Health approach to shared challenges. It provides its online webinar platform to unincorporated One Health groups such as the Washington DC One Health Academy that would not otherwise be able to share their One Health initiatives with a global audience. Since 2014 it has hosted or supported over 50 such webinars on topics such as Antibiotic Resistance and ‘Understanding Bartonella: A One Health Perspective’. Its One Health Education Initiative prepares and compiles K-12 education resources made freely available to teachers. Its 2015 letter to the White House was co-signed by many organizations and individuals, encouraging the creation of One Health platforms by the U.S. and United Nations agencies.

Engaging and Nurturing the Next Generation of One Health Professionals and Leaders

The Commission provides students with leadership opportunities by bringing student representatives from human, animal, environmental and plant health domains onto its Board of Directors. It has supported creation of an independent International Student One Health Alliance (ISOHA) for which it provides an online meeting platform, web pages, a student listserv and encouragement for student-led One Health projects. ISOHA and the Commission are partnering to identify Student One Health groups around the world to facilitate formation, very early in their careers, of trans-disciplinary relationships among emerging health professional leaders. The Commission also awards two of four $2,000 One Health Day Student Events Competition Awards each year to multidisciplinary student teams.

Summary

One Health, our ‘Ray of Hope for the Future’, has gained great traction globally in the 21st Century. The One Health Commission provides leadership, platforms and resources to connect hundreds of One Health advocates and groups around the world, allowing them to combine forces to break through disciplinary silos and to re-orient collective thinking and practice towards interactive systems frameworks. It seeks to sustain and expand it programs, to increase its global impact promoting interdisciplinary approaches to health challenges shared by people, animals and the environment. Its goal is to make One Health the default way of operating at all levels of academia, research, and governments around the world.

Get Involved! Contact:

isohaexco@gmail.com
cstroud@onehealthcommission.org

If the One Health concept resonates with you, if you believe that the Commission performs a function vital to the shared health of people, animals and the environment on planet earth, please consider how you and your organization can play a part in this global effort.


One Health Commission,
P.O. Box 972, Apex, NC 27502
Phone: 984-500-8593
Website: https://www.onehealthcommission.org/
Twitter: @OneHealthCom
Facebook: One Health Commission