

## Cheryl Stroud, DVM, PhD

Executive Director, [One Health Commission](https://www.onehealthcommission.org/)  
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Adjunct Assistant Professor, Department of  
Clinical Sciences, NC State University,  
College of Veterinary Medicine

Immediate Past Chair, North Carolina One  
Health Collaborative (NC OHC)

Former Veterinary Clinician



**Area of Expertise:** Bringing people together across disciplines

**Educational Background:** BS, DVM, Mississippi State University 1974, 1981  
MS, PhD, North Carolina State University 1985, 1990

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**Professional interests:** One Health/Public Health, Small Animal Veterinary  
Practice, Internal Medicine / Endocrinology

### Biographical Sketch:

Dr. Stroud has enjoyed professional experiences in Industry, Academic Research / Teaching, Private Veterinary Practice and One Health. She grew up on a small, hobby farm in central Mississippi where she was surrounded by cows, horses, cats, dogs and open spaces. Before Veterinary School she worked in the Poultry Industry as Manager of a Quality Control lab for a prominent, vertically integrated, poultry company. After graduation from Veterinary School she worked briefly in Veterinary practice before going to North Carolina State University College of Veterinary Medicine for a Masters and PhD in Endocrine Physiology. She then spent 8 years in basic research at Pennsylvania State University studying many topics, ranging from variant molecular forms of prolactin and growth hormone to reproductive cycles of women from populations around the world. When her family moved to Illinois in 1996 for her husband (also a DVM, PhD) to become Director of the Division of Education and Research for the American Veterinary Medical Association, she returned to private Veterinary practice where she especially enjoyed internal medicine and educating clients about zoonotic diseases.

Dr. Stroud's deep passion for the One Health concept emerged in 2008 when she returned to North Carolina. While networking around the Research Triangle Park region of N.C. she identified a need to bring key Veterinary, Human, Public and Environmental health stakeholders in

North Carolina together to work across disciplines. As a result of her exploratory efforts, in 2010 she helped create the [North Carolina One Health Collaborative](#) (NC OHC) and for over three years chaired its Steering Committee which includes DVMs, PhDs, MDs and government officials from Duke University, University of North Carolina, NC State University, NC Department of Agriculture and Consumer Services, NC Department of Public Health, to name a few. Since its inception, the NC OHC has sponsored over 80 One Health Topic sessions in a One Health Intellectual Exchange Group discussion series that engages MDs, DVMs, PhDs, human and veterinary medical students and public health graduate students. Continuing today, this discussion series evolved to include a parallel One Health course, *One Health: Philosophy to Practical Integration of Human, Animal and Environmental Health*, that is cross listed at Duke, UNC and NCSU.

Dr. Stroud was selected as AVMA representative to the One Health Commission (OHC) in spring 2011, was appointed Vice Chair of the OHC Board in 2012 and became Executive Director of the Commission in September, 2013. Until that time she had enjoyed part time Clinical Veterinary Practice though her primary focus since 2010 has been educating, both locally and nationally, about One Health. In 2013 she also served on a U.S. National Biodefense Science Board working group on Situational Awareness, Strategic Implementation and Bio-Surveillance. Now she shares the One Health concept and updates about the global One Health movement with audiences around the world seeking to connect One Health stakeholders into Action Teams, strategic networks and partnerships that can educate about the full scope of and critical need for One Health thinking and acting at all levels of academia, research, clinical practice, government and policy.

Cheryl and her husband of 35 years have a grown son and daughter. In her 'spare' time she enjoys horseback riding, gardening, hiking, writing, sewing, reading, making and listening to music and traveling both nationally and internationally. She refers to One Health as our 'Ray of Hope for the Future'. Her forte is bringing people together.

#### **PEER REVIEWED PUBLICATIONS**

Holman DJ, Rasheed FN, Stroud CM, Brindle E, O'Connor KA, Campbell KL, A Commercial pregnancy test modified for field studies of fetal loss. *Clin Chim Acta*, 271 (1):25-44, 1998.

McAndrews JM, Stroud CM, MacDonald RD, Hymer WC, Deaver DR, Age-related changes in the secretion of growth hormone in vivo and in vitro in infantile and prepubertal Holstein bull calves. *J. Endocrinol.* 139(2):307-15, 1993.

Pressing A, Dial GD, Esbenshade KL, Stroud CM, Hourly administration of GnRH to prepubertal gilts: endocrine and ovulatory responses from 70 to 190 days of age. *J. Anim Sci.* 70(1):232-42, 1992.

Stroud CM, Deaver DR, Peters JL, Loeper DC, Toth BE Derr JA, Hymer WC, Prolactin variants in ram adenohypophyses vary with season. *Endocrinology.* 130(2):811-8, 1992.

Pressing AL, Dial GD, Stroud CM, Almond, GW, Tobison OW, Prostaglandin-induced abortion in swine: Endocrine changes and influence on subsequent reproductive activity. *Am. J. Vet. Res.* 48:45-50, 1987.

Stroud, CM, Noden PF, Whitsett JM, Bromoergocryptine decreases serum prolactin and delays sexual maturation in male golden hamsters. Biol Reprod. 32(5): 1191-9, 1985.

## **ONE HEALTH PUBLICATIONS**

One Health: Forming Collaborations that transcend disciplinary boundaries, Stroud C, Abstract, International Lyme and Associated Diseases Conference, October 31- November 3, 2019, Boston, Massachusetts

One Health: Forming Collaborations that transcend disciplinary boundaries, Stroud C, Abstract, 2<sup>nd</sup> European Crypto-Infections Conference, 27-28 March, 2019, Dublin, Ireland.

One Health, One Welfare, One Planet, SciTech Europa, 26 October, 2019

<https://www.scitecheuropa.eu/one-health-one-welfare-one-planet/97938/>

One Health: A Ray of Hope for the Future, One Health Commission website, Published online May 21, 2018, <https://tinyurl.com/uo2urjz>

One Health Global Think-Tank for Sustainable Health & Well-being (GHW-2030). A code of ethical conduct for the public health profession (Original research). Laaser U, Schröder-Bäck P, Eliakimu E, Czabanowska K, et al., The SEEJPH 2017, posted: 01 December 2017. DOI 10.4119/UNIBI/SEEJPH-2017-177

A ray of Hope: The advantages of making One Health the default approach in academia, research, policy and government, Pan European Networks: Science & Technology, Issue 24, September, 2017

One Health training, research, and outreach in North America, Stroud C, Kaplan B, Logan JE, Gray GC, Infection Ecology & Epidemiology, Volume 6, 2016 - Issue 1, <https://www.tandfonline.com/doi/full/10.3402/iee.v6.33680>

Preparing Society to Create the World We Need Through One Health Education: Report of the Survey and Web Conference on One Health K-12 Education, (Review Article), Lueddeke GR, Kaufman GE, Lindenmayer JM, Stroud CM. SEEJPH2017, posted: 20 April 2017. DOI: 10.4119/UNIBI/SEEJPH-2017-142

Global One Health Day Launched by Three International Health Groups

Guest Post, American Public Health Association Get Ready Blog, October 26, 2016

<http://getreadyforflu.blogspot.com/2016/10/global-one-health-day-launched-by-three.html>

A One Health overview, facilitating advances in comparative medicine and translational research Stroud C, Dmitriev I, Kashentseva E et al., Clinical and Translational Medicine. 2016;5(S1). doi:10.1186/s40169-016-0107-4.

Preparing society to create the world we need through 'One Health' education. Lueddeke G, Kaufman G, Kahn L, Krecek R, Willingham A, Stroud C, Lindenmayer J, Kaplan B, Conti L, Monath T, Woodall J. SEEJPH 2016, Vol. 6. DOI [10.4119/UNIBI/SEEJPH-2016-122](https://doi.org/10.4119/UNIBI/SEEJPH-2016-122)

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One Health Commission Hosts First International Who's Who in One Health Webinar, published online Fall, 2014, in One Health Newsletter, University of Florida, Volume 7, Issue 4 page 17, <http://www.floridahealth.gov/diseases-and-conditions/diseases-from-animals/one-health-newsletter/documents/ohnl-vol7-issue4.pdf>

One World, One Health, published online October 30, 2014, International Innovations Issue 161, page 99-102, <http://digimag.internationalinnovation.com/launch.aspx?eid=03c74285-e5d5-4f67-b735-1a7d8f8ea561&pnum=98>

The One Health Commission, published online August, 2014 by the International Veterinary Student Association Standing Committee on One Health: Veterinary Public Health Journal, Issue 3, page 7: [http://issuu.com/scoh/docs/the\\_journal\\_vphj\\_3](http://issuu.com/scoh/docs/the_journal_vphj_3)

One Health Course in North Carolina Features Rabies Discussion, published April, 2011 online: Global Alliance for Rabies Control Newsletter, Issue 22, p 7: <http://www.rabiescontrol.net/GARCnewsletter22.pdf>

North Carolina Stakeholders form One Health Collaborative, published Fall, 2010 online: The One Health Initiative website newsletter Vol 3, Issue 4, p 19: [http://www.doh.state.fl.us/Environment/medicine/One\\_Health/OHNLFall2010.pdf](http://www.doh.state.fl.us/Environment/medicine/One_Health/OHNLFall2010.pdf)