

Cheryl Stroud, DVM, PhD

Executive Director, One Health Commission

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

Adjunct Assistant Professor, Department of Clinical Sciences, NC State University, College of Veterinary Medicine

Immediate Past AVMA Representative
One Health Commission

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, <http://nconehealthcollaborative.weebly.com/index.html>) 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 local 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 and running in parallel, a One Health course that is cross listed at Duke, UNC and NCSU.

Dr. Stroud was selected as AVMA representative to the One Health Commission (OHC, <http://www.onehealthcommission.org/>) in spring 2011, was appointed Vice Chair of the OHC Board in 2012 and became Executive Director of the Commission in September, 2013, moving the Commission from Iowa to North Carolina. 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 National Biodefense Science Board working group on Situational Awareness, Strategic Implementation and Bio-Surveillance. Cheryl believes strongly in interdisciplinary collaborations and seeks, via the Commission, to connect One Health stakeholders into active Teams, creating strategic networks / partnerships that will educate about all One Health Issues. She and her husband 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.

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.

OTHER PUBLICATIONS / PRESENTATIONS

Twelve abstracts presented at professional meetings

Many Invited Presentations/ Lectures / Lay Articles including

“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

“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/GARCnews1>