



Cheryl Stroud, DVM, PhD, Chair, North Carolina One Health Collaborative

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

AVMA Representative, national One Health Commission

Chair, One Health Intellectual Exchange Group Discussion
Series

Relief Veterinary Clinician

Chair, NCVMA Membership Committee

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 Relief / Part Time
Practice, Internal Medicine / Endocrinology

Biographical Sketch

Dr. Stroud grew up on a small, hobby farm in central Mississippi where she was surrounded by cows, horses, cats, dogs and open spaces. After graduation from Veterinary School in 1981 she worked briefly in Veterinary practice in North Carolina 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 area 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 June 2010, the North Carolina One Health Collaborative was established (<http://nconehealthcollaborative.weebly.com/history.html>) with a Steering Committee that includes DVMs, PhDs, MDs and government officials from Duke University, University of North Carolina, NC State University, NC Dept of Agriculture and Consumer Services, NC Dept. of Public Health, and the NC Zoo, to name a few. The Collaborative sponsors a One Health Intellectual

Exchange Group series that engages MDs, DVMs, PhDs, human and veterinary medical students and public health graduate students. It meets weekly January – April and monthly June - November.

Dr. Stroud also serves as the AVMA representative on the national One Health Commission. She continues to enjoy part time Clinical Veterinary Practice, but her primary focus is educating, both locally and nationally, about One Health. 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

Eighteen 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/GARCnewsletter22.pdf>