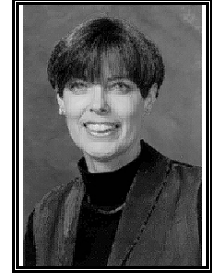


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Education:

Associate of Arts (AA). Biology, Miami Dade Jr. College, 1972.
Bachelor of Science (BS). Animal Science, University of Florida, Gainesville, 1975.
Master of Science (MS). Animal Science (Reproduction), University of Florida, Gainesville, 1978.

Thesis:

Wiley, A.A. 1978. Culture of Follicle Cells From Pinfish, *Lagadon Rhomboides*. Master of Science Thesis. University of Florida, Gainesville, FL.

Employment and Professional Experience:

June 1995 - present: Research Associate (Reproductive Biology). Department of Animal and Dairy Sciences, Auburn University, AL 36849-5415.
January 1994 - August 1994: Visiting Research Associate (Invited), Center for Animal Biotechnology, Dept. of Animal Science, Texas A&M University, College Station, TX.
October 1, 1993 - January, 1994: Adjunct Research Associate, Dept. of Animal and Dairy Sciences, Auburn University, AL.
October, 1991 - October, 1993: Research Associate (3/4X), Dept. of Animal and Dairy Sciences, Auburn University, AL.
February, 1989 - September, 1991: Adjunct Research Associate, Dept. of Animal and Dairy Sciences, Auburn University, AL.
October 1, 1987 - September 30, 1988 - Technologist, Dept. of Large Animal Surgery and Medicine, Auburn University (3/4 time).
April 1983 - October 1987 - Independent Research Assistant in reproductive biology, Dept. of Animal and Dairy Sciences, Auburn University, AL.
July - December 1982 - Research Associate, Dept. of Obstetrics and Gynecology, College of Medicine, University of Florida, Gainesville, Florida.
April 1979 - July 1982 - Technologist I, Dept. of Obstetrics and Gynecology, College of Medicine, University of Florida, Gainesville, Florida.
January 1978 - April 1979 - Technologist I, Dept. of Reproduction, College of Veterinary Medicine, University of Florida, Gainesville, Florida.

Professional Society Membership:

Society for the Study of Reproduction (Regular Member - Requiring review of professional contributions for those not holding the terminal degree; 1998 - present)

Publications: (Chronological order)

Papers in Refereed Scientific Journals (28):

Wiley AA, Bartol FF, Barron DH. 1987. Histogenesis of the ovine uterus. *Journal of Animal Science*. 64:1262-1269.

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Bartol FF, Wiley AA. 1993. Ovary-independent alterations in neonatal porcine uterine estrogen receptor distribution. *Biology of Reproduction.* 48(Suppl. 1):159 (abstr #402).

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Tarleton BJ, **Wiley AA**, Fontanetta KA, Taylor SA, Bartol FF. Effects of postnatal estrogen exposure on porcine uterine development and endometrial steroid responsiveness are period-specific. *Biology of Reproduction*. 2000; 62(Suppl 1):114-115.

Bartol FF, Campbell JK, Tarleton BJ, **Wiley AA**, Wower J. Abdominal-B Hoxa-10 expression in neonatal and adult porcine uterine tissues. *Biology of Reproduction* 2001; 64(Suppl 1): 321-322.

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Tarleton BJ, **Wiley AA**, Bartol FF. Estrogen-induced disruption of neonatal uterine development alters adult porcine uterine function. *Biology of Reproduction* 2001; 64(Suppl 1):215.

Bartol FF, Lin C, Tarleton BJ, Mclean S, Braden TD, Wiley AA. Developmental regulation of hoxa-10 and hoxa-11 expression in neonatal and adult porcine uterine tissues. *Biology of Reproduction*. 2002. 65 (Suppl 1):#441.

Bartol FF, Tarleton BJ, **Wiley AA**. Developmentally regulated estrogen-sensitive Wnt gene expression in the neonatal porcine uterus. *Biology of Reproduction* 2003; 68(Suppl 1):180

Wiley AA, Bartol FF, Bathgate RAD, Bagnell CA. Relaxin (LRG7) and insulin-like peptide-3 (LGR8) receptor expression in neonatal porcine uterine tissues. *Biology of Reproduction* 2003; 68(Suppl 1):176

Bartol FF, Crean BD, **Wiley AA** . Coordinate expression of Indian Hedgehog and the Hedgehog receptor Patched in neonatal and adult porcine uterine tissues. *Biology of Reproduction*. 2004 **(Special Issue)** 278.

Crean BD, **Wiley AA**, Bartol FF. Transient neonatal estrogen exposure from birth affects the adult porcine endometrial proteome on Day 12 of pregnancy. *Biology of Reproduction*. 2004. **(Special Issue)** 158.

Ho T -Y, Yan W, **Wiley AA**, Bartol FF, Bagnell CA. Evolution of the Hoxa/Wnt axis and estrogen regulation of Wnt7a expression in the neonatal porcine uterus. *Biology of Reproduction* 2005. **(Special Issue)** 138.

Masters RA, Crean BD, Yan W, **Wiley AA**, Bagnell CA, Bartol FF. Distribution of Active beta-catenin in neonatal porcine uterine tissues affected by age and exposure to estrogen and relaxin. *Biology of Reproduction* 2005. **(Special Issue)** 132.

Full-Length Publications / Proceedings (7):

Floyd J.G., Bartol FF, Spencer TE, **Wiley AA**. 1992. Pre- and Postnatal Hormone Exposure: Effects on reproductive development in food animals. Proceedings of the Annual Meeting, Society for Theriogenology. pp. 8-13 [Invited].

Bartol FF, **Wiley AA**, Wolfe DF, Riddell MG. 1992. Induction and maintenance of anesthesia in neonatal pigs and sheep with halothane (CF₃CHClBr). In: (P.J. Dziuk & M. Wheeler, Eds.) Handbook of Methods for Study of Reproductive Physiology in Domestic Animals. Section II. Management (Anesthesia) I2.

Wiley AA, Spencer TE, Bartol FF. 1992. In vitro metabolic labeling of uterine tissues with D-[6-³H]glucosamine for in situ or chromatographic assessment of glycosaminoglycan biosynthesis. In: (P.J. Dziuk & M. Wheeler, Eds.) Handbook of Methods for Study of Reproductive Physiology in Domestic Animals. Section VII.A Marking and Tracing Tissue.

Bartol FF, Floyd JG, Coleman DA, **Wiley AA**, Buxton DF. 1995. Beef herds can benefit from wise use of implants. Highlights of Agricultural Research. 42(3):22-24.

Bartol FF, Coleman DA, **Wiley AA**, Floyd JG. Implants, hormone exposure and reproductive development. Proceedings of the Auburn University Agricultural Conference. 1999. Pp. 48-52.

Bartol FF, **Wiley AA**, Tarleton BJ, Owsley WF. Factors affecting uterine capacity and litter size in swine: An overview. Proceedings of the Auburn University Agricultural Conference. 1999. Pp. 142-145.

Bartol FF, Crean BD, **Wiley AA**. 2004. Uterine patterning, endometrial programming and reproductive performance. Proceedings of the Annual Conference & Symposium. Society for Theriogenology/American College of Theriogenology (Invited review). Pp. 51-60

Summary of Publication Record:

Articles in refereed scientific journals: 28

Invited Chapters / Proceedings: 7

Published Abstracts: 46

Total: 81