

Carla M. Wieser

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EDUCATION

1995 M.S., Biology, University of Nebraska-Omaha
1990 B.S., Biology, University of Nebraska-Omaha

AREAS OF SPECIALIZATION

Ecotoxicology, Environmental Physiology and Wildlife Endocrinology for the assessment of wildlife responses to environmental contaminants and changing environments. Care and management of captive wildlife.

PROFESSIONAL EXPERIENCE

1997 - present **Biological Science Technician (Wildlife)**, U.S. Geological Survey Biological Resource Division, Florida Caribbean Science Center Gainesville, FL

1995 - 1997 **Senior Biological Scientist**, University of Florida — University of Florida, Interdisciplinary Center for Biotechnology Research, Gainesville, FL

1992 - 1995 **Black-footed Ferret Supervisor**, Omaha Henry Doorly Zoo, Omaha, NE

1990 - 1992 **Research Technician**, Omaha Henry Doorly Zoo, Omaha, NE

1988 - 1992 **Black-footed Ferret Head Keeper**, Omaha Henry Doorly Zoo, Omaha, NE

1987 - 1988 **Animal keeper Great Apes and Elephants**, Omaha Henry Doorly Zoo, Omaha, NE

1983 - 1987 **Animal keeper Cats and Bears**, Omaha Henry Doorly Zoo, Omaha, NE

1981 - 1983 **Menagerie animal keeper**, Folsom Children's Zoo, Lincoln, Nebraska

PROFESSIONAL ACTIVITIES AND MEMBERSHIPS

Society of Environmental Toxicology and Chemistry - Member (1996 - present)
American Association of Zookeepers - Member 1984-1995
American Zoo and Aquarium Association - 1988-1995

CONTRACTS/GRANTS

American Association of Zookeepers grant \$500.00. Correlation of testicular size to fecal steroid concentrations in the Black-footed Ferret. T.S. Gross, Ph.D., C.M Wieser, M.S., M. Patton, M.S.

Nixon Griffis grant \$3000.00. Reproductive Endocrinology of the Black-footed Ferret: Seasonal Reproductive Function and the Metabolism and Excretion of Steroids. T.S. Gross, Ph.D., C.M. Wieser, M.S., D.L. Armstrong, D.V.M.

SELECTED PUBLICATIONS

Grady, J.; **Wieser, C.**; Wiebe, J.; Gross, T.S. 1998. An Evaluation of Atrazine as a Potential Endocrine Disruptor in Largemouth Bass. SETAC.

Gross, T.S.; **Wieser, C.**; Kernaghan, N.; Gross, D.A.; Sepulveda, M.S.; Johnson, B.; Higman, J.; Holm, S. 1998. Endocrine Disruption in Largemouth Bass and Environmental Contaminants: A Reconnaissance Study of the Lower St. Johns River Basin. SETAC.

Gross, T.S.; Wiebe, J.; Denslow, N.; **Wieser, C.**; Shrestha, S.; Chow, M.; Stout, R.; Johnson, W.E. 1997. Evaluation of Potential Endocrine Disrupting Effects of Water Soluble Herbicides in Largemouth Bass. SETAC.

Gross, T.S., and **Wieser, Carla M.** 1991. Steroid Metabolism and Excretion in Siberian Polecats (*Mustela altaeca*), Proceedings of the Nebraska Academy of Sciences, April 26 and 27, 1991.

Gross, T.S., **C. Wieser**, and M. Patton. 1993. Analysis of the ovarian cycle in black-footed ferrets (*Mustela nigripes*) by vaginal cytology and fecal hormone measurement. Biol. Reprod. 45:647-656.

Johnson, W.E.; Marburger, J.; Gross, T.S.; Wiebe, J.; **Wieser, C.**; Denslow, N.; Kroll, K.; Douglas, D. 1997. Endocrine Disruption in Largemouth Bass within Emerald Marsh Wildlife Management Area: Implications for Restoration Efforts. SETAC.

Sepulveda, M.S.; **Wieser, C.M.**; Holm, S.; Gross, T.S. 1999. In-Vitro Steroidogenesis by Gonadal Tissues from Female Largemouth Bass Exposed to Paper Mill Effluents and Resin Acids. SETAC.

Shrestha, S.; Wiebe, J.; Gross, T.; Johnson, W.E.; **Wieser, C.**; Douglas, D. 1997. Effects of Some Commonly Used Pesticides on In-vitro Production of Reproductive Hormones by Largemouth Bass Gonads. SETAC.

Wieser, Carla M. 1990. Black-footed Ferret Management at Omaha's Henry Doorly Zoo, Proceedings of the 16th National Conference of the American Association of Zoo Keepers, Inc., November 4-8, 1990.