

*The*  
**JOY GOODWIN**  
*Lecturer*

DISTINGUISHED LECTURE

**MAMMALIAN CLONING**

April 14, 2008

5:00 pm—Overton Auditorium

RESEARCH SEMINAR

**SEXING MAMMALIAN SPERM**

April 15, 2008

10:00 AM—230 Greene Hall, CVM



Dr. George E. Seidel, Jr.

George E. Seidel, Jr. was raised on a dairy farm in Pennsylvania. He received the BS degree in Dairy Science from Pennsylvania State University (1965) and the MS (1968) and PhD (1970) degrees in Physiology, Biochemistry and Physical Biology from Cornell University. His MS research focused on semen collection from bulls and biochemistry of semen, while his PhD research focused on the endocrinology of superovulation in prepuberal calves, and culture and transfer of the resulting embryos. After postdoctoral training at Harvard Medical School where he studied rabbit oocytes using electron microscopy, he was hired in 1971 as an Assistant Professor at Colorado State University. He was promoted to Associate Professor in 1975 and Full Professor in 1983. He completed sabbatical research experiences at Yale University and the Whitehead Institute. Dr Seidel has presented 128 invited papers at national or international meetings, given 218 invited presentations or seminars, published 376 articles including 6 books, 175 book chapters, 17 reports and 178 peer-reviewed journal articles and is primary inventor on five patents.

In 1983 he received the Young Animal Scientist Award from the Western Section of the American Society of Animal Science (ASAS) and the National Association of Animal Breeders Research Award. In 1986 he received the Upjohn Physiology Award from the American Dairy Science Association and the Governor's Award for Science and Technology from the State of Colorado. In 1992 he was inducted as a member of the National Academy of Sciences and in 1993 he received the honor of being named a University Distinguished Professor at Colorado State University. This year, he received the Pioneer Award from the International Embryo Transfer Society. Dr. Seidel's service has been extensive on international, national and local venues. He has served on most committees associated with the IETS including serving as its President. He is a member of three honor societies and five professional societies.

Dr. Seidel has an unrelenting pursuit of new knowledge. He teaches through example and has positively impacted graduate students, colleagues, scientists and visitors over his career. He has dedicated his life to the improvement and the mainstreaming of embryo-related technologies into livestock production around the world and played a key role in making the use of sexed semen in cattle and horses more practical.