

**1999 International Working Dog Breeding Conference
Speaker Biographies**

James Bell, DVM

Dr Bell earned his DVM from Texas A&M University in 1989 and completed an internship with Grenada Biosciences in embryo transfer and large animal reproduction. Dr Bell is a partner in Veterinary Reproductive Services in Castroville, Texas, and has over 4 years experience in canine reproductive services.

Gunter Bonke

Mr Bonke has been the director of the Nordrhein-Westfalen State Police Dog Breeding Program for the past 12 years. He has developed testing and training protocols that have allowed this program to successfully select a large number of German Shepherd and Belgian Malinois puppies for breeding and for further training as early as eight weeks of age and to achieve up to an eighty-five percent certification rate for their Belgian Malinois Dogs.

Walter F Burghardt, Jr, DVM, PhD

Dr Burghardt is this year's discussion moderator. Dr Burghardt completed his BA-MA in Psychology at Florida Atlantic University in 1974, his DVM at the University of Florida in 1980, and his PhD in Biopsychology at the University of Maryland College Park in 1988. Dr Burghardt is the Chief of Behavioral Medicine for the Department of Defense Military Working Dog Veterinary Service, and has published in the professional and scientific literature on topics of applied animal behavior and behavioral research.

Katherine Champness, PhD

Dr Champness completed her BS at the University of Melbourne in 1987, her postgraduate diploma in Agricultural Science in 1989, and her PhD in Genetics and Breeding in 1996 and her Diploma of Education at La Trobe University at Bendigo in 1999. Dr Champness' dissertation was entitled, *The development of a breeding program for Detector Dogs - based on studies of a breeding population of Guide Dogs*. Dr Champness has published in both the scientific and veterinary literature. She is currently Animal Breeding Consultant to the Australian Customs Service.

Stewart Hilliard, PhD

Dr Hilliard completed his BA in Psychology at the University of Colorado Denver in 1988 and his PhD in Biopsychology from the University of Texas at Austin in 1997. Dr Hilliard is the author of a number of scientific and popular articles and books concerning working dog training, and has authored a number of scholarly works published in professional journals. Dr Hilliard is an Associate Scientist in the Behavioral Medicine Section at the DoD Military Working Dog Veterinary Service.

Jeffrey Linn, DVM, MA

Dr Linn earned his BS in Agriculture from the University of Florida in 1963, his DVM from Auburn University in 1967, and his MA in Animal Behavior from Washington University St Louis in 1974. He is a diplomate of the American College of Laboratory Animal Medicine. Dr Linn served in the US Army from 1974-1988. Currently, Dr Linn is the Director, University Laboratory Animal Medicine for the University of Pennsylvania.

Alfred Maciejewski

Mr Maciejewski has served in the Nordrhein-Westfalen State Police Dog Program for over 25 years, and is currently the Director of the program. Mr Maciejewski has been instrumental in the development of a number of innovative programs for his program, including a court-recognized evidence dog program, an arson dog program, and a breeding program. Dr Maciejewski currently services and the Chairman of the German State Police Dog Association.

Stephen Mackenzie, PhD

Dr Mackenzie holds his PhD in Behavioral Genetics from Cornell University. He is currently a Professor in the Department of Animal Science at the State University of New York at Cobleskill, where he teaches genetics. Dr Mackenzie's dissertation evaluated the US Army Biosensor Program from a scientist's perspective. He is active in police dog work internationally and has published a popular book on police dog training.

Michael Paulsen, DVM, MS

Dr Paulsen earned his DVM at Texas A&M University in 1977. He served on active duty in the US Army for 7 years, and has been active in the US Army Reserve since 1984. He currently holds the rank of Lieutenant Colonel. Dr Paulsen pursued a residency in veterinary ophthalmology at Colorado State University and earned his MS in 1987. He became a diplomate in the American College of Veterinary Ophthalmology in 1987, and is in private specialty practice in Arlington, Texas

John Vandelloo

Mr Vandelloo is the Manager of the National Breeding and Development Center, Detector Dog Unit, Australian Customs Service. Mr Vandelloo has been instrumental in applying behavioral genetics to the very successful selective breeding of Labrador Retrieve Dogs for use as substance detection dogs by Australian Customs for over eight years.

Thomas Wolfle, DVM, PhD

Dr Wolfle earned his DVM from Texas A&M University in 1961. He is the former Director and Program Director, Institute of Laboratory Animal Resources, National Academy of Sciences, National Research Council. He also served as a Commissioned Officer in the Public Health Service as Deputy Director, NIH Office of Animal Care and Use and Executive Director, NIH Animal Care and Use Committee, Director, Interagency Research Animal Committee, and officer in charge of the NIH foxhound colony from 1975 to 1978. Dr. Wolfle was a Commissioned Officer in the US Air Force, working with primate colony management and support of NASA's Rhesus and chimpanzee programs. He is affiliated with the American Association for Laboratory Animal Science, American Association of Veterinary Ethologists (President 1980 to 1983), American College of Veterinary Behaviorists (Founding Diplomate), American College of Laboratory Animal Medicine (Diplomate), American Society of Primatologists, American Society of Laboratory Animal Practitioners, American Veterinary Medical Association, Association of Primate Veterinarians, District of Columbia Veterinary Medical Association (President, 1994 to 95), International Primatological Society, People/Animals/Love (Board, 1984 to 1993), National Capital Branch of AALAS. Dr. Wolfle has contributed to several publications and made over 200 presentations to state, national and international forums on topics of science policy, laboratory animal medicine, animal behavior, environmental enrichment and design for dogs and non-human primates, and recognition and alleviation of pain and stress in laboratory animals. Dr. Wolfle has been program director for National Research Council reports on "Occupational Health and Safety in the Care of Research Animals," revision of the "Guide for the Care and Use of Laboratory Animals," "Psychological Well being of Non-human Primates," "Animals and Alternatives in K to 12 Education," "The Cost of Animal Research," "Transgenic Organisms: Impact on Biomedical Research and Society," and other reports. Currently, Dr Wolfle is on the Board of Directors of the Scientists Center for Animal Welfare.