

Candidates Put Forward

Governor

Alan Ealy, PhD (USA)



Alan Ealy is a reproductive biologist at Virginia Tech. He studies bovine embryology. He completed his BS in dairy production science at Penn State, his MS in reproductive biology at Michigan State, and his PhD in reproductive biology as part of the Animal Molecular and Cellular Biology Graduate Program at the University of Florida. This PhD marked the beginning of his training in embryology. There he examined how maternal heat stress influences embryo development. He completed a postdoctoral fellowship at the University of Missouri, where he studied maternal recognition of pregnancy in ruminants. He embarked on an independent research career 25 years ago. His initial focus involved placental biology, and more specifically, describing how conceptus extraembryonic membranes developed prior to uterine attachment. These efforts led him back to studying embryology in cattle, and he now explores how the interleukin-6 and fibroblast growth factor families influence embryo development, lineage specification, and extraembryonic membrane development. He also is beginning a translational research program with the goal of improving post-transfer pregnancy outcomes for *in vitro*-produced bovine embryos.

Dr. Ealy's graduate, postdoctoral, and independent research endeavors have produced over 120 peer-reviewed publications. His work has been funded by federal, international, state, and stakeholder groups. He is an active research mentor, having advised more than 25 graduate students, postdocs, and visiting scientists. He has been active in IETS for almost 30 years. He has attended numerous conferences and served on several committees. He is currently serving as an abstract session chair. He currently serves as the Associate Editor for *Animal Reproduction Science*, and just finished a 6-year term as Section Editor for the *Journal of Animal Science*. Dr. Ealy is eager to give back to IETS through service on the Board of Governors. His enthusiasm, work ethic, and dedication to student and young investigator training are the key elements he will bring to the society.

Trudee Fair, PhD (Ireland)



Trudee Fair is Professor of Animal Physiology & Reproduction in the School of Agriculture & Food Sciences, University College Dublin (UCD), Ireland. Trudee studied animal science in UCD, completing a master's degree under the supervision of Professor Ian Gordon in the area of *in vitro* embryo production in cattle and subsequently carried out her studies in bovine oocyte growth for her PhD thesis under the supervision of Professor Torben Greve and Professor Poul Hyttel, in University of Copenhagen, Denmark. Since then Trudee has continued to work in the area of cow fertility. Her research focuses on molecular aspects of bovine oocyte growth, maturation, and acquisition of competence and the role of the maternal immune system in oocyte maturation, ovulation, and the establishment of

pregnancy in cattle.

Dr. Fair has published extensively; her h-factor is 52 (Google Scholar); her research is funded by national (HRB/IRC/SFI) and European funding agencies. She has supervised numerous master's and PhD students and postdoctoral fellows and is currently the coordinator of an EU-MSCA Innovative Training Network in oocyte biology (EUROVA), comprising research and industry partners based in Europe, UK, Brazil, and USA. EUROVA is training 15 early-stage researchers in oocyte biology using a multi-species, multi-discipline doctoral program approach (www.eurovaetn.eu).

Dr. Fair has served as Associate Editor to several journals and was the Reviews Editor for the journal *Reproduction* from 2017-2023. She reviews manuscripts and research proposals and acts as scientific advisor/external examiner in the reproductive biology research community. At home, Dr. Fair has contributed extensively to advancing UCD policies for the welfare of research animals and gender equality and diversity inclusivity in academia; she chaired the UCD Farm Animal Welfare Committee from 2017-2022, stepping down to successfully chair her school's application for Athena Swan Silver, which was awarded in April 2023.

Dr. Fair attended her first IETS annual conference in 1994, as a PhD student. Since then she has been a regular attendee and has acted as session editor/abstract reviewer for many years. She served as program co-chair for the 44th annual meeting in 2018 and would welcome the opportunity to formalize her support for IETS by serving on the Board of Governors.

Brad R. Lindsey, PhD (USA)

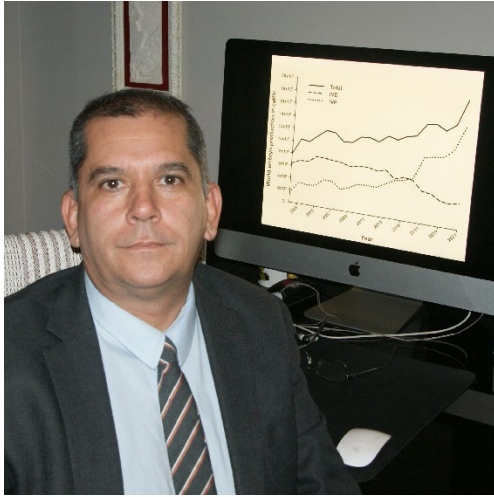


Brad R. Lindsey received a BS in ag economics (1982) and a MAgr in animal science (1984), both from Texas A&M University. He received his PhD in animal science (1998) from University of Nebraska, with a research focus on exogenous control of endogenous gonadotropin release affecting dominant, persistent and superstimulated ovarian follicle development in cattle.

Dr. Lindsey developed the first transvaginal probe for OPU in cattle in the USA, as well as the first commercial IVF service in the USA, for Granada Biosciences in 1990-1991. He then started IVF services for Trans Ova Genetics in 1992 and later for Sexing Technologies in 2004. Between 2000-2005, Dr. Lindsey worked for AB Technology (now ABT360), Minitube of America (MOFA), Genetic Resources International (now, Sexing Technologies), Stroud Veterinary Embryo Services and OvaGenix in various technical support roles, directing research, product development, providing and integrating complete panels of reproductive services, ART and IVF laboratory service platforms.

In 2005, Dr. Lindsey started his own company, Ovitra Biotechnology, Inc., to provide ET services and technical support to cattle producers, biotech companies, and other ET firms. Ovitra offers commercial and contract ET services, embryo export, technical support, consulting, and training to beef and dairy producers, collegiate high schools, research universities, and veterinary practices. He continues to speak, collaborate and publish in various areas of reproductive research, such as folliculogenesis, embryo development, ET and IVF donor stimulation, and recipient evaluation.

Dr. Lindsey is an active member of the American Embryo Transfer Association (AETA), (currently serving his last year on the Board of Directors and serves on their Certification and Research Committees) and the International Embryo Technology Society (HASAC Manuals and Certificates & Forms Sub-Committees) and served as LOC for the 30th IETS Meeting in Portland, OR in 2004. He and his wife, Mary, live in Midway, Texas, and are active in their church and community. They have two grown children, Grace Richardson and Payton Lindsey, who are both married and are graduates of Stephen F. Austin State University.



João Viana, DSc (Brazil)

João Viana received his degree in veterinary medicine (DVM) from the Federal University of Vicosa, Brazil, in 1992. He obtained his master's degree working with sonographic evaluation of ovarian response to superovulation in beef cattle, which later led him to receive a grant to develop research projects on follicular dynamics in the Gir and Guzera (*Bos indicus*) breeds. He received his doctoral degree in animal sciences, with a focus on the development of OPU/IVF protocols for tropical cattle breeds. In 2001, Dr. Viana joined the research group of the Brazilian Agricultural Research Organization (EMBRAPA) and has worked as a research scientist, beginning in 2015 at EMBRAPA's National Dairy Cattle Research Center, and currently at the Genetic Resources and Biotechnology Center. His research focus has been the study of ovarian physiology and the use of image technologies to improve donor and recipient management, and thus ART outcomes. Viana has over 100 peer-reviewed papers published and was an invited speaker at several scientific meetings. He has been an active member of the Brazilian Embryo Technology Society (SBTE) since 1995, serving as president from 2006 to 2007. He joined IETS in 2005 and had the chance to become a member of the HASAC and the IETS Foundation. Viana has been responsible for gathering ET data from Brazil since 2003, and is currently the Chair of the Data Retrieval Committee of the IETS. He has also been engaged in working on regulatory issues related to the international trade of IVP embryos, and contributed to the update of the IETS Manual.

As a consequence of his research interests, his commitment, and involvement with scientific societies, and his contributions in data retrieval and analysis, Dr. Viana has had the opportunity to interact with the different players of the embryo technology chain—from basic scientists to practitioners, from supply companies to governmental agencies—since the very early days of the Brazilian IVEP industry. By joining the Board of Governors of the IETS, Dr. Viana would like to contribute by bringing his view of the potential of embryo technologies to the development of the livestock industry and to face the current challenges in both developed and developing countries.