

### **Joseph H. Holmes Pioneer Award-Clinical**

In 1977, the Pioneer Award, which honored an individual who significantly contributed to the growth and development of diagnostic ultrasound, was established. This special award was renamed in 1982, to honor Joseph H. Holmes, MD, who died that year. Dr. Holmes, the first person named as an AIUM pioneer, was an important figure to both the field of diagnostic ultrasound and the AIUM. His early efforts in ultrasound research, which included tissue characterization and ultrasound's diagnostic use in polycystic kidney disease and orthopedics, helped to advance the field of ultrasound and encourage others to conduct new research. Serving the AIUM in many capacities, Dr. Holmes was president from 1968 to 1970, and was editor of the AIUM's official journal, which was then titled, the *Journal of Clinical Ultrasound*, for nearly 10 years. Each year the Joseph H. Holmes Pioneer Award honors two current or retired AIUM members, one in clinical science and the other in basic science.

### **Dolores H. Pretorius, MD, FACR, FAIUM, FSRU**

As a pioneer of three-dimensional (3D) ultrasound imaging, Dolores H. Pretorius, MD, FACR, FAIUM, FSRU, was at the forefront of the emerging technology and helped to develop and promote its use in such areas as measurement accuracy, interventional radiology, and the female pelvic floor.

That which led her to her many accomplishments started with her becoming a magna cum laude graduate from Bryn Mawr College with a bachelor's degree in physics. She then earned her doctorate in medicine from Baylor College of Medicine, completed a radiology residency at the University of California, San Diego, and completed a fellowship in body imaging at the University of Colorado. After spending a few more years at the University of Colorado, Dr Pretorius returned to the University of California, San Diego (UCSD), where she taught for the rest of her full-time career.



Although she has retired, you wouldn't know it based on everything Dr Pretorius continues to do. She is still mentoring multiple students, remains the Director of Imaging in Maternal-Fetal Care and Genetics at UCSD, is a Luminary on 3D Ultrasound for General Electric, is a member of the Vasa Previa Foundation's Medical Advisory Board, is a consultant for Kaiser Permanente and Scripps Health, and volunteers at the San Diego Wild Animal Park, performing ultrasound exams of animals as needed.

All of that just goes to show that despite all that she has already accomplished, Dr Pretorius is still a phenomenal educator with so much to continue to share. Those prior accomplishments include being a coauthor of *Three-dimensional Ultrasound* and the textbook, *Diagnostic*

*Ultrasound of Fetal Anomalies – Text and Atlas*, as well as studying and reporting on the usefulness of the then-new 3D power Doppler in examining placental blood circulation.

Dr Pretorius has had her work published in the *Journal of Ultrasound in Medicine*, *Ultrasound in Medicine and Biology*, *Obstetrics and Gynecology Clinics of North America*, the *New England Journal of Medicine*, and more. In addition, Dr Pretorius has been interviewed for radio programs, podcasts, and television numerous times. Not only did she report on her own work, but she also contributed time and work to assist others in their own work. She has been a peer reviewer of many journals, a member or a leader of multiple societies, and a visiting professor or lecturer at other educational facilities. As an example of all the time and effort she has contributed to others, for the AIUM, Dr Pretorius has served on the editorial advisory board of the *Journal of Ultrasound Medicine*, was a member of the Clinical Standards Committee and the Membership Committee among others, was Chair of the Obstetric Ultrasound Community, and was on the EER Task Force, the Board of Governors, and the Exhibit Advisory Council, not to mention presented multiple sessions and e-posters at annual meetings.

For her significant contributions to the growth and development of diagnostic ultrasound and the AIUM, the American Institute of Ultrasound in Medicine is proud to honor Dolores H. Pretorius, MD, FACR, FAIUM, FSRU, with the 2023 Joseph H. Holmes Clinical Pioneer Award.