

Fall 2022 Colloquium

Department of Physics & Astronomy, A&M-Commerce

Nov 10, Thursday, 4-5 PM in Science Building 127

(coffee and cookies will be served at 3:50 PM)

Medical Physics

Introduction to medical physics

Dr. Aaron Kyle Jones

University of Texas, MD Anderson Cancer Center



Dr. Jones earned his BS (1997) in Physics at Furman University and his MS (2003) and PhD (2006) degrees in Medical Physics at the University of Florida. His dissertation topic was the development of tissue substitutes and physical phantoms for dosimetry in pediatric radiology. In 2006, Dr. Jones began his appointment as an Instructor at the University of Texas MD Anderson Cancer Center, where he is currently a Professor. He is the clinical service lead for interventional radiology and interoperative imaging and serves as the Deputy Director of the medical physics graduate program. More information about Dr. Jones and his research can be found at https://faculty.mdanderson.org/profiles/aaron_jones.html

Abstract

This talk will provide an overview of medical physics, including education and training pathways for entry into the field. The activities of clinical medical physicists will be discussed, as will alternatives to careers in clinical medical physics, including academic research and industry. Finally, current high-impact research in the field will be reviewed.