

## **Niko Papanikolaou, Ph.D.**



### **ABMP Treasurer** (member at-large)

Dr. Papanikolaou is the Director of Medical Physics at the University of Texas Health Sciences Center in San Antonio, Texas. He received his Ph.D. at the University of Wisconsin - Madison. Dr. Papanikolaou is certified by the American Board of Radiology in Therapeutic Medical Physics, and is an active member of several professional organizations, including AAPM, ACMP, ASTRO and ESTRO. He has served on a number of Task Groups and committees. He has been invited to present in several national and international meetings and serves as an associate editor for the Journal of Medical Physics and the Journal of Applied Clinical Medical Physics.

Dr. Papanikolaou has authored and co-authored over five hundred research papers and conference abstracts in the area of therapeutic medical physics and is the recipient of several research grants in the area of dose calculation algorithms and modeling in radiotherapy. He is a reviewer for a number of scientific oncologic journals and has been invited to review grant applications for NIH and NCI.

Dr. Papanikolaou has been named a fellow of both the American Association of Physicists in Medicine and the American College of Medical Physics. He currently serves as the Treasurer of the American Board of Medical Physics.

Dr. Papanikolaou has mentored a number of graduate students in medical physics, and continues to assist in the education of dosimetrists and residents. He has also examined medical physics candidates for the American Board of Radiology.

His clinical and research interests include, intensity modulated and image guided radiotherapy, stereotactic and adaptive radiotherapy and radiobiological modeling of radiation treatments.