

MAR08-2007-002323

Abstract for an Invited Paper  
for the MAR08 Meeting of  
the American Physical Society

**Panel Discussion on Medical Physics and Radiation Biology and pathways to these fields**

PAUL GUEYE, Hampton University

Medical Physics is one of the less know physics field but one that has the most impact on our daily life. It is intrinsically linked to radiation biology as the latter provides crucial inputs to the former including treatment planning software packages, understanding of cancer treatment optimization, etc. This panel discussion, composed of renown experts in these fields and who are part of the four medical physics sessions to be presented during this 2008 APS March meeting, will provide an environment for the audience to fully understand what medical physics and radiation biology are about and the various pathways to become a successful practitioner or researcher for contributing in these fields.