

Woodruff Nuclear & Radiological Engineering and Medical Physics
Programs Seminar

**“The Increased Dose Exposure to the US Population
from Diagnostic Procedures and Its Issues”**

Randall Miller

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Northeast Georgia Medical Center

Thursday, February 26, 2009

Manufacturing Research Center (MARC, Room 114)

(813 Ferst Drive – Corner Hemphill Avenue/Ferst Drive)

11:00am to 12:00 Noon

REFRESHMENTS WILL BE SERVED

Abstract

X-rays have been officially classified as a “carcinogen” by the World health Organization’s International Agency for Research on Cancer, the Agency for Toxic Substances and Disease Registry of the Centers or Disease Control and Prevention (WP), and the National Institute of Environmental Health Sciences. A major current concern in diagnostic radiology practice is the ***Collective Dose Burden*** to the population of the United States due to the ever-increasing use of CT scans to confirm a medical diagnosis.

Biosketch

Randall Miller is currently employed as a Chief Medical Physicist and Radiation Safety Officer at Northeast Georgia Medical Center. He graduated from Dalhousie University Halifax Nova Scotia Canada MSC Physics in 1992. Randall holds certifications from MCCPM, FCCPM and ABMP. He has been associated with the Dalhousie University, Faculty of Medicine (Radiation Oncology), Faculty of Science (Physics Department), Faculty Of Dentistry (BioMaterials) and the School Of Health Professions (Radiation Therapy) academic associations. He also serves as a Clinical Supervisor with the GT Medical Physics program.

