Feb. 12-15, 2014
Baton Rouge, LA

Radiation
Protection
Accelerator
Technology
Physics
Biophysics
Medical
Rationale
Economics Rationale

School Objectives:

The school provides training sessions on contemporary radiation safety in medicine, including proton therapy, electron-linac-based photon therapy, diagnostic imaging (PET/CT), medical isotope production, and other others. For each technology, students will learn about the radiation protection issues, biophysical and medical rationale, key accelerator technologies, recent advances, and economic considerations.

32 hours of continuing education credits will be granted

The Keynote Address will be given by Ken Hogstrom; PhD professor emeritus, LSU & MD Anderson Cancer Center, physicist, Mary Bird Perkins Cancer Center ; William D. Coolidge Awardee (AAPM’s highest honor) and fellow of AAPM and fellow of ACMP.

Wayne Newhauser, PhD, is serving as a coacademic dean for the school. Recently elected to the NCRP, Dr. Newhauser also serves as chair of the Medical Physics Department at LSU and is a medical physicist at the Mary Bird Cancer Center in Baton Rouge. Newhauser has developed radiation risk calculations for optimal decision making in patient care and is an expert in proton therapy.

Scott Walker, MS, coacademic dean is a health physicist at Brookhaven National Laboratory. He has more than 20 years experience in radiation safety at accelerators and is past president of the Accelerator Section of the HPS. He is experienced with both neutron- and electron-based accelerators. His research interests include medical isotope production.

for Information on this Professional Development School please contact Lorraine Day, PhD: day@lsu.edu or at 225-578-4616. Tuition Fee is $600 per student.