AAPM Delaware Valley Chapter
Young Investigator Symposium
February 16, 2012

Bluemle life Sciences Building-Room 101, Thomas Jefferson University
233 South 10th Street, Philadelphia PA, 19107

6:00pm  Refreshment, Welcome and Introduction

Finalists

6:10pm  Cyberknife Patient Specific QA Using a 4D Cylindrical Diode Array System: A Feasibility Study
        Sion Koren, Ph.D. (presenter)
        Department of Radiation Oncology, Fox Chase Cancer Center

6:25pm  Real-time Image Guidance for Pleural Photodynamic Therapy Treatment Planning
        Xing Liang, Ph.D. (presenter)
        Department of Radiation Oncology, University of Pennsylvania

6:40pm  Respiratory Motion Effects of Lung Proton SBRT Treatment
        Mu-Han Lin, Ph.D. (presenter)
        Department of Radiation Oncology, Fox Chase Cancer Center

6:55pm  Radiation Dose Optimization for Lumbar Spine Injection Procedures Under Fluoroscopy Guidance
        Tariq Rahman, M.D. (presenter)
        Department of Radiology, Hershey Medical Center

7:10pm  Clinical Study of a Noninvasive Multimodal Sono-contrast Induced Spectroscopy System for Breast Cancer Diagnosis
        Kaiguo Yan, Ph.D. (presenter)
        Department of Radiation Oncology, Thomas Jefferson University

7:25pm  Intra-fraction Motion Effects in RapidArc Lung SBRT Delivery
        Jennifer (Wei) Zou, Ph.D. (presenter)
        Department of Radiation Oncology, University of Pennsylvania

7:40pm  Dinner, Judge Panel deliberation

Announcement of Awards