American Association of Physicists in Medicine
Midwest Chapter

AAPM MIDWEST CHAPTER SPRING MEETING
Saturday, April 21, 2007

Advocate Christ Hospital
4440 W 95th Street, Oak Lawn, IL 60453
Schedule of Events

8:00 Registration and Coffee
8:25 Welcome and Announcements, Mary Ellen Smajo, PhD

8:30 **Young Investigator's Symposium**
Moderator: Chet Reft, PhD, Univ. of Chicago

8:30 4th Prize **A Method for Producing Simulated Mammograms**
Payam Seifi, Michael Chinander and Robert Nishhikawa, University of Chicago

8:45 1st Prize **In vitro Validation of Temporal Optimization Effects on Cell Survival for a Single Fraction Radiation**
Michael Bernard Altman, University of Chicago

9:00 2nd Prize **Exact Image reconstruction in Reverse Helical Cone-Beam CT for Radiation Therapy**
Seungryong Cho, University of Chicago

9:15 4th Prize **Optimization of Internal Margin to Account for Intra-fractional Motion**
Yildirim D Mutaf, Mayo Clinic

3rd Prize **Exploring BOLD MRI Technique for Radition Therapy, Lan Jiang, James Chu ,Rush University**

Moderator: Glenn Glasgow, PhD

9:30 Cyberknife Stereotactic Radiosurgery: The Advocate Christ Experience
Robert Laureckas, Advocate Christ Hospital

10:00 Radiation Characteristics of a Gated Fiber-Optic-Coupled Detector
Chet Reft, PhD, Univ. of Chicago

10:30 Coffee Break

Moderator: V. Sathiaseelan, PhD

10:45 Invited Speaker: Mr. Charles G Vinson,
Supervisor of Materials Licensing
IEMA – Rules and Regulations: An update

11:15 Image Guided Radiation Therapy: The Edward Experience
John Fan, PhD, Edward Hospital

11:45 Invited Speaker: James Hugh III, MHA, ROCC,
Senior Vice President, AMAC
Issues and Reimbursement in Physics

12:25 Business Meeting, Glenn Glasgow, PhD, President Click for minutes

12:45 Lunch and Tour of Radiation Oncology Facilities

1:45 Tour of Cyberknife Center and radiation Oncology Facilities

2:45 AAPM Midwest Chapter Board Meeting