# 1st Annual Research Retreat Department of Radiation Medicine, OHSU

**Date:** Saturday, October 13, 2007
**Time:** 7:20 a.m. – 12:00 p.m.
**Location:** Kenneth Stevens, Jr. Conference Room (KPV 4153), 4th Floor

| Time | AGENDA | SPEAKER(S) |
|---|---|---|
| 7:20 – 7:25 | **Welcome Address/ Mission/Research Goals of the Department** | CR Thomas, Jr., M.D. |
| 7:30 – 9:55 | **Clinical Research – Moderator: C. Thomas, Jr., M.D.** | CR Thomas, Jr., M.D. |
| 7:30 - 7:40 | **Coop. Group & Industry Clinical Trials Basic Science in-vivo research update** | J Holland, MD, MS |
| 7:45 - 7:55 | **TBIrradiation + Immunotherapy Generation of Therapeutic Anti-tumor Response** | M Crittenden, MD, Ph8 |
| 8:00 - 8:10 | **IGRT Program Research Update** | Fuss, MD, PhD |
| 8:15 - 8:25 | **CyberKnife Southwest Washington Med Ctr** | C Marquez, MD C Hoffelt, MD |
| 8:30 - 8:40 | **Multimodality Therapy for Prostate Cancer** | M Garzotto, MD A Hung, MD |
| 8:45 - 8:55 | **MIMA Cancer Center IGRT Outcomes Res A Proposal for Continued Collaborations** | TS Scarbrough, MD |
| 9:00 - 9:15 | **COFFEE BREAK/POSTER REVIEW/TOUR DEPARTMENT** | |
| 9:15 - 9:25 | **Human-Computer Interface Differentials in Target Delineation: A Multi-insitutional Study** | CD Fuller, MD, PhD-C www.GoToMeeting.com |
| 9:30 - 9:40 | **Research Proposal on Utilization of Combined BOLD-MRI & Diffusion-wt MRI Signals as Independent Prognostic & Early Response Indicators in Radiotherapy** | JA Tanyi, PhD |
| 9:45 - 9:55 | **Tumor Pre-Treatment Delta-R2 is an Independent Prognostic Indicator of Acute Radiotherapeutic Response: a Small Animal** | JA Tanyi, PhD |

| | Research Proposal | |
|---|---|---|
| **10:00 – 12:30** | **Basic/Medical Physics/Translat'l Research – Moderator** | CR Thomas, Jr., M.D. |
| 10:00 - 10:10 | **Determining the Relationship Between IL1-beta, TNF-alpha, & IL-6 Response to Ext Beam RT & Treatment-related Fatigue in In-Vivo Models** | L Wood, PhD<br>T McDonald, MD |
| 10:15 - 10:25 | **How Does a Transcriptional Co-Repressor Link to Oncology?** | Q Zhang, PhD |
| **10:30 - 10:40** | **COFFEE BREAK/POSTER REVIEW/TOUR DEPARTMENT** | |
| 10:40 - 10:50 | **Verification of Multi-Leaf Collimator Position Accuracy Using a Commercial EPID (Electronic Portal Imaging Device) & Vendor Supplied Portal Dosimetry Software** | **M Taylor, MS** |
| 10:55 - 11:05 | **Regression Modeling: A Novel Tool for Predicting Survival in Cancer Patients** | SJ Wang, MD, PhD |
| 11:10 - 11:20 | **In-Vivo Dosimetry Research Proposal** | D Kaurin, PhD<br>D Erdogmus, PhD |
| 11:25 - 11:35 | **Lung Tumor Tracking Proposal** | D Erdogmus, PhD |
| 11:40 - 11:50 | **Informatics Image-Retrieval for Radiation Oncology** | J Kalpathy-Cramer, PhD |
| **11:50** | **BOX LUNCHES AVAILABLE** | |
| 11:55 - 12:05 | **Dynamic Adaptive Radiotherapy Research Proposal** | Li-Chung Ku, PhD |
| 12:10 - 12:20 | **Dose Calculation using ACUROS** | T He, PhD |
| 12:25 - 12:30 | **Patient-related Outcomes/QOLife Assessment Tools in an Active Radiation Oncology Clinic Setting** | E Fromme, MD<br>CR Thomas, Jr., M.D. |
| **12:30** | **ADJOURN** | |