



7th Annual Rubinstein Research Retreat

Please allow 8-10 minutes for each presentation



Saturday, November 2nd, 2013

7:15am

Continental Breakfast will be available in KPV-4153,
Department of Radiation Medicine

7:40am

Welcome from Dr. Charles Thomas Jr., MD

Pre-Clinical/Basic Sciences

7:45am-7:55am	Ted Braun, PhD (MSTP)	Mechanisms of Cancer Cachexia
7:55am-8:05am	Christopher Betzing, MS	Identification of Critical Pathways Altered by Radiation Exposure
8:05am-8:15am	Sophia Bornstein, MD, PhD	Role of Tumor-initiating Cells in Recurrent Head and Neck Squamous Cell Carcinoma
8:15am-8:25am	Kristina Young, MD, PhD	TGF β Inhibition in Combination with Radiation
8:25am-8:35am	Blake Sullivan, BS	Identification of Potential Inhibitors of Polymerase Kappa
8:35am-8:45am	Casey Kernan, BS	Interplay of Genetics and Environmental Carcinogens in Cancer Risk: PAH-Induced Mutations in Cells Lacking DNA Repair
8:45am-8:55am	Jacob Raber, PhD	Effects of Irradiation on Cognition in Mice

Clinical and Translational Research

8:55am-9:05am	Faisal Siddiqui, MD, PhD	Overall Survival at OHSU Knight Cancer Institute for Esophageal Cancer with Trimodality Therapy
9:05am-9:15am	Joseph Waller, MD, MPH	Safety and Effectiveness of SBRT for Primary Hepatocellular Carcinoma
9:15am-9:25am	Alison Skalet, MD, PhD	Characterization of the Vascular Response to Brachytherapy Using Functional Optical Coherence Tomography
9:25am-9:35am	Michael Grant, MD	Radiation-induced Liver Disease as a Mimic of Liver Metastases with Serial PET/CT during Neoadjuvant Chemoradiation for Distal Esophageal Cancer
9:35am-9:45am	Dave Fuller, MD, PhD	
9:45am-9:55am	Charlotte Kubicky, MD, PhD	Breast Conservation Therapy for Multiple Ipsilateral Breast Cancers

9:55am-10:10am	Break	
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Health Services Research

10:15am-10:25am	Aaron Kusano, MS, MD	National Residency Matching Program Integrity Analysis: Radiation Oncology Process
10:25am-10:35am	Liana Tsikitis, MD	Anal Cancer Nomograms

Medical Physics / Emerging Technology

10:35am-10:45am	Nima Nabavizadeh, MD	Electromagnetic navigational bronchoscopy-guided fiducial markers for lung stereotactic body radiation therapy: Analysis of safety, feasibility and interfraction stability
10:45am-10:55am	Stephanie Junelle, PhD	Dosimetric Quality Assurance with a flat-panel EPID
10:55am-11:05am	Oleg Sostin, BS, MCR	IPSS and SHIM Score Trends in Prostate Cancer Patients after IMRT: Effects of Pretreatment Urinary Function and Electromagnetic Tracking

11:05am-11:20am	Lunch	
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11:25am-11:35am	Katelyn Atkins, PhD (MSTP)	Regional Variation of Interfraction Tumor Breathing Motion in Lung Stereotactic Body Radiation Therapy (SBRT)
11:35am-11:45am	Junan Zhang, PhD	Use oblique beam for small field IMRT QA
11:45am-11:55am	Angelica Gheen	Defining Quantitative Metrics for Adaptive Radiotherapy in Head and Neck Cancers
11:55am-12:05 pm	Brandon Dyer, BS	Comparative Analysis of Dose Volume Histogram Variability in Multi-Modality Imaging Systems
12:05 pm-12:15pm	David Elliott, MD	Daily Cone Beam Computed Tomography (CBCT) Scans to Analyze Dose Variation due to Daily Rectal Variation and Distension in Post-prostatectomy Radiation

12:15pm	Adjourn	
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Acknowledgement: This program was coordinated by Mr. Ryan Bjerke