Moderator: Maria C. Shiau, M.D., M.A.
Director of Medical Student Education in Radiology

Presentations by Work-Study Medical Students

4:00pm  **Oliver Stewart, MS1** • Mentor: Gene Kim, M.D.
Utilization of Golden-Angle Radial Sparse Parallel Technique and Dynamic Contrast Enhanced MRI in Evaluation of Malignant and Benign Breast Lesions

4:07pm  **Clayton Li, MS1** • Mentor: Divya Sridhar, MD.
Difficulty Associated with Multiple PICC Insertions

4:14pm  **Stacey Wolfson, MS1** • Mentor: Linda Moy, M.D.
Deep Learning and Mammography

4:21pm  **Leslie J. Higuita, MS1** • Mentor: Stella Kang, M.D., M. Sc.
Incidental Findings on Diagnostic Imaging Tests: A Survey Study of Factors Affecting Patient Risk Perception

4:28pm  **Nicolas, Gillingham, MS1** • Mentor: Els Fieremans, PhD
Evaluating Multiple Sclerosis at the Mesoscopic Scale
Moderator: Maria C. Shiau, MD, MA  
Director of Medical Student Education in Radiology

Welcome Remarks:
Michael P. Recht, MD, Louis Marx Professor and Chair

Presentations by NYU Medical Students

3:50 pm  Ginny Bao MS2 & Lizbeth Hu MS1 • Mentor: Amy Deipolyi, MD  
MRI enhancement predicting fibroid volume reduction to uterine artery embolization

3:57 pm  Samantha Ayoub MS1 • Mentor: Maria Shiau, MD  
Value of Dual Energy Blood Pool Images and Low kVp Reconstruction Images in the Determination of Acute Pulmonary Embolism

4:04 pm  Pooja Patel MS2 & Andrew Sideris, MS2 • Mentor: Amy Deipolyi, MD  
The relationship of ascites volume to risk of spontaneous bacterial peritonitis

4:11 pm  Alexander Le, MS4 • Mentor: Ajax George, MD  
Differentiating normal pressure hydrocephalus from Alzheimer disease and healthy controls: Sulcal Depth

4:18 pm  Andrew Kim, MS4 • Mentor: Yvonne Lui, MD  
Correlation of quantitative MR metrics of morphometry and lesion load with performance on a novel inter-hemispheric speed of processing task in MS patients

4:25 pm  Megan Jardon, MS4 • Mentors: Yiming Gao, MD and Linda Moy, MD  
Patient age and clinical indications predictive of malignancy or atypia in suspicious lesions on breast MRI

4:32 pm  Jian Dong, MS4 • Mentor: Els Fieremans, PhD  
Dynamic changes in diffusion kurtosis and white matter integrity with cerebral amyloid deposition: A PET/MR Study

4:39 pm  Zachary Haber, MS4 • Mentor: Amy Deipolyi, MD  
Clinical predictors of a positive angiographic study and contrast induced nephropathy in intraabdominal bleeding

4:46 pm  Michael Yao, MS4 • Mentor: Jay Starkey, MD., St. Luke's International Hospital, Tokyo, Japan  
Natural course and clinical outcomes of small (1-3 mm) un-ruptured intracranial aneurysms

4:53 pm  Gregory Mittl, MS4 • Mentor: Soteros Gyftopoulos, MD  
Use of multi-segmental computed tomography of the spine in a tertiary referral center: A descriptive study

5:00 pm  Emma Meyer, MS4 • Mentor: Oded Gonen, PhD  
Metabolic abnormalities in the hippocampus of patients with schizophrenia: A magnetic resonance spectroscopy study

5:07 pm  Luke Ginocchio, MS4 • Mentor: Andrew Rosenkrantz, MD  
Inter-observer reproducibility of the PI-RADS version 2 lexicon: A multi-center study of six experienced prostate radiologists

5:14 pm  Adjourn - Reception to Follow
Moderator:
Maria C. Shiau, M.D., M.A.
Director of Medical Student Education in Radiology

Presentations by Work-Study Medical Students

4:00pm  Jennifer Barger, MS1  •  Mentor: Timothy Shepherd, M.D/PhD.
MRI of Optic Neuritis in MS Patients.

4:10pm  Jeffrey Huang, MS1  •  Mentor: Yulin Ge, M.D.
Central Sulcal Depth and Regional Cortical Thickness in Multiple Sclerosis

4:20pm  Bowen Niu, MS1  •  Mentor: Jane Ko, M.D.
CT Quantitative Assessment of Lung Cancer and Lung Nodules as Predictors of Behavior

Presentation by 3-Year Pathway Medical Student

4:30pm  Shu Liu, MS2  •  Mentor: Ivan I Kirov, Ph.D.
Quantitative Proton MR Spectroscopy of Lesion Evolution in Relapsing-Remitting Multiple Sclerosis

Presentations by Research Concentration Medical Students

4:40pm  Matthew Haber, MS4  •  Mentor: Girish Fatterpekara, M.D.
Role of Permeability Imaging to Assess Morphologically Normal Pituitary Gland in Patients with Central Endocrinologic Disturbances

4:50pm  Steven Kwong, MS4  •  Mentor: Maria Shiau, M.D.
Effectiveness of pre-operative chest radiographs in patients undergoing bariatric surgery
Moderator:
Maria C. Shiau, M.D., M.A.
Director of Medical Student Education in Radiology

Presentations

4:00pm  **Nityanand Miskin, MS3** • Mentor: Ajax George, M.D.
Quantification of changes in ventricular size and CSF flow in shunted patients with normal pressure hydrocephalus.

4:10pm  **Julia Roberts, MS3** • Mentor: Amy Melsaether, M.D.
Dynamic Metabolism of Metastases Using PET/CT and PET/MRI

4:20pm  **Vincent Wu, MS3** • Mentor: Leon Axel, M.D., PhD.
Evaluation of left ventricular diastolic function by automated three-dimensional volume tracking of the mitral annulus with cardiac

4:30pm  **Steven Kwong, MS3** • Mentor: Zehava Rosenberg, M.D.
Normal Skeletal Maturation of the Proximal Humerus: Imaging Pitfalls
NYU Radiology Medical Student Summer Work Study and Radiology Concentration Research Symposium
August 15, 2013

CBI 3rd floor small conference room

Moderator:
Maria C. Shiau, M.D., M.A.
Director of Medical Student Education in Radiology

Presentations By Work-Study Medical Students

4:00pm  Nathan Kunzler, MS1  • Mentor: Maria C. Shiau, M.D.
Natural Evolution of Pure Ground Glass Nodules on Chest CT Imaging

4:07pm  Adam Shore, MS1  • Mentor: Leon Axel, M.D., Ph.D.
Computer Modeling of the Heart for Use with MRI Assessment of Suitability for Cardiac Resynchronization Therapy (CRT)

4:14pm  Kathryn Iwata, MS1  • Mentors: Cathleen Heffernan, M.D. and Cecilia Mercado, M.D.
Streamlining the Audit Process for Breast Imaging at NYU

4:21pm  Michael Kiritsy, MS1  • Mentor: Andrew Rosenkrantz, M.D.
Evaluation of Communication of Diagnostic Confidence between Radiologists and Referring Clinicians

4:28pm  Natalie Plana, MS1  • Mentor: Linda Moy, M.D.
Effect of Anti-Estrogen Therapy on Background Parenchymal Enhancement and Mammographic Density

Presentations By Research Concentration Medical Students

4:35pm  Elizabeth Morris, MS4  • Mentor: Divya Sridhar, M.D.
The Impact of Transarterial Chemoembolization in Patients Within and Beyond the Milan Criteria Prior to Liver Transplantation

4:42pm  Benjamin Abiri, MS4  • Mentor: Hersh Chandarana, M.D.
Validation of Liver and Kidney Perfusion Performed with Free-Breathing Golden Angle Radial Acquisition with Compressed Sensing Reconstruction

4:49pm  Elizabeth Morris, MS4  • Mentor: Divya Sridhar, M.D.
Radiation Dose in a Retrospective Analysis of 230 Patients Undergoing Inferior Vena Cava Filter Placement