Ultrasound Research Center Symposium:
Convergence of Waves and Ideas

Poster Presentations

Sara Aristizabal Taborda
RTP-Research Affiliate, RS-Research Services

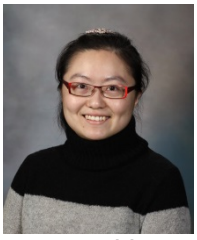
Poster Title: Evaluation of the Nonlinear Modulus in Renal Transplant Patients using Progressive and Regressive Compression and Shear Wave Measurements

Mahdi Bayat, Ph.D.
RTP-Research Associate-Eng, RS-Research Services

Poster Title: Clinical Outcomes of Non-invasive Ultrasound Bladder Vibrometry in Assessment of Compliance

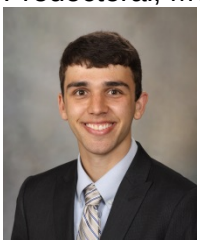
Poster Title: Advanced Non-Contrast Ultrasound Doppler Imaging of Microvasculature Networks

Ping Gong, Ph.D.
RTP-Research Fellow-Imaging, RS-Research Services



Poster Title: Hadamard-Encoded Multi-Pulses for Contrast-Enhanced Ultrasound Imaging

Nathan R. Huber
Predoctoral, MGS Grad Students



Poster Title: Characterization of Thrombus Composition with Acoustic Radiation Force Induced Creep and Shear Wave Elastography

Brenda J. Hyde, M.D.
Resident MSGME, RST Radiology-Diagnostic

Poster Title: Ultrasound Techniques for Visualizing Post-Neoadjuvant Clipped Axillary Lymph Nodes During Radioactive Seed Localization

Dr. Annop Lekhakul
RTP-Visiting Research Fellow, RS-Research Services

Poster Title: Incidence and Management of Hemopericardium by Echo-guided Pericardiocentesis: Impact of Changing Trends in Invasive Cardiology

Poster Title: Percutaneous Drainage of Pericardial Effusions in Cancer Patients: Safety and Outcome

Noweeda N. Mirza, Ph.D.
RTP-Research Associate

Poster Title: Comparative single center study demonstrates reduced variability between readers with contrast enhanced 2D echocardiography in heart failure patients

Shireen Mirza, M.B.B.S.
Resident-RSTR, MSGME

Poster Title: Right Ventricular Ejection Doppler Envelope By Echo Characterizes Pulmonary Artery Hemodynamics In Portopulmonary Hypertension

Ivan Z. Nenadic, Ph. D.
Engineer-Biomechanics Res (NE), RS-Research Services

Poster Title: In Vivo Measurements of Bladder Mechanical Properties using Ultrasound Bladder Vibrometry (UBV) in Patients and Volunteers

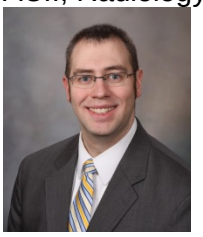
Poster Title: Recovering Shear Wave Velocity in Boundary Sensitive Media with Two-Dimensional Motion Tracking

Poster Title: Attenuation Measuring Ultrasound Shearwave Elastography (AMUSE) for Measuring Shear Wave Velocity and Attenuation: Application in Post-Transplant Liver Patients and Comparison with Biopsy Findings

Juan S. Rico-Mesa
RTP-Visiting Research Fellow, RS-Research Services

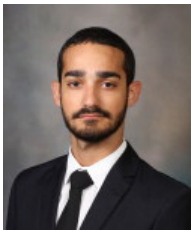
Poster Title: Does High Dose Doxorubicin Based Chemotherapy Induce Cardiotoxicity In Patients With Sarcoma: Results From A Pilot Retrospective Study Of Sarcoma Patients

Matthew W. Urban, Ph.D.
ACII, Radiology



Poster Title: Multi-parametric Ultrasound-based Elastographic Characterization of Renal Transplants

Luiz Henrique D. Vasconcelos
MOMSA Associate, Education Administration



Poster Title: In Vivo Measurements of Arterial Elasticity and Viscosity through a Heart Cycle

Poster Title: The effects of surrounding media on the shear wave propagation in plates as related to the dispersion velocity

Simrit K. Warring
Medical Student, Mayo Clinic School of Medicine

Poster Title: A New Wave in Ultrasound Education: Personal Handheld Ultrasound Devices for First-Year Medical Students A New Wave in Ultrasound Education: Personal Handheld Ultrasound Devices for First-Year Medical Students

Ben Wood, Research Student
University of Minnesota

Poster Title: Measurements of the Shear wave Velocity and Attenuation of the Pancreas in Volunteers

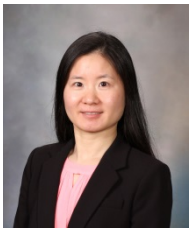
Kathleen (Katie) A. Young, M.D.
Resident-Rochester, MSGME

Poster Title: Association of Serial Changes in Left Ventricular Diastolic Function with Long-term Cardiovascular and Non-Cardiovascular Mortality

Xiaoming Zhang, Ph.D. for Boran Zhou, Ph.D.
ACII, Radiology

Poster Title: Simulation of Surface Wave Propagation in Lung Ultrasound Surface Wave Elastography

Jinling Zhou, Ph.D.
RTP-Research Fellow-Eng, RS-Research Services



Poster Title: Would Pleural Fluid Affect Lung Stiffness Measurement Using Lung Ultrasound Surface Wave Elastography?