Summary Scholarly Activity
July 2019 – Present

Dr. Gavito

- “Cerebrovascular blunt trauma: Spectrum of imaging findings” R. Bou Said; C. Mullins; J. Gavito-Higuera The ASER 2019 Annual Scientific Meeting and Postgraduate Course in Emergency and Trauma Radiology, September 11 - 14, 2019 at the Hyatt Regency Gainey Ranch in Scottsdale, Arizona. (educational exhibit)


- “Cortical and Sub-Cortical Anatomical Correlation with Emergent Neuropsychiatric Symptoms in Mild Alzheimer’s Disease” Salazar, Ricardo; Sandoval, Hugo; Mullins, Carola; Garcia, Roberto; Gavito-Higuera, Jose; Alvarado, Luis; Dwivedi, Alok; Calhoun, Vince, The Journal of Neuropsychiatry and Clinical Neurosciences; ANPA Annual Meeting (oral presentation, cancelled due to COVID)


• Brain Imaging of Cyclic Vomiting Syndrome with and without Marijuana use; Human Brain Mapping (HBM) 2020 Hugo Sandoval, Vince Calhoun, Victor Vergara, Tyler Davis, Jose Gavito, Carola Mullins, Irene Sarosiek, Richard McCallum (cancelled due to COVID)

• Key Findings in Cervical Trauma: A pictorial review Jordan-Guedes, Claudia Alexandra; Bou-Said, Ryan; La Follette, Carola; Gavito-Higuera, Jose ASER 2020

• Emergent Findings in the sellar / parasellar region: What the radiologist needs to know Bou Said, Ryan; Jordan-Guedes, Claudia Alexandra, La Follette, Carola; Gavito-Higuera, Jose ASER 2020

• Acute Ischemic Stroke using automated CT perfusion: False Positives and Negatives in Clinical Practice; Gavito-Higuera, Jose; La Follette, Carola; ASER 2020

• Maxillofacial Trauma: A Pictorial Review of Midfacial Fractures Felix, Pablo; La Follette, Carola; Gavito-Higuera, Jose ASER 2020


Dr. Diaz

- “Late Onset Rapid Gastric Emptying: A New Entity To Explain Post-Prandial Symptoms” Jesus Diaz, Christopher Dodoo, Carola Mullins, Alok Dwivedi, Richard McCallum, ACG 2019 Annual Scientific Meeting, San Antonio, TX October 25-30 2019 (poster)

- Gastric electrical neurostimulation combined with pyloroplasty for refractory diabetic gastroparesis improves subjective and objective outcomes, poster to be presented at the American Diabetes Association 6/12-6/16 2020

- Alcohol and Gastric Motility: Pathophysiologic and Therapeutic Implications, accepted for publication on 4/29/2020 in the Journal of Investigative Medicine


- Plummer Vinson syndrome: A time for redefinition and a new perspective, Manuscript to be submitted

- Late-onset rapid gastric emptying: Identification of a new entity to explain symptoms in patients with normal results on gastric emptying scintigraphy, Richard McCallum, Carola Mullins, Irene Sarosiek, Jesus Diaz, Manuscript accepted for publication in Neurogastroenterology & Motility, under revision

- Gastroparesis Book Chapter 11 Gastric emptying scintigraphy, pending publication Elsevier

- SNMMI GI Transit AUC in the Journal of Nuclear Medicine and Molecular Imaging March 2020


- Intragastric Meal Distribution Analysis by Gastric Emptying Scintigraphy in Patients With Rumination Syndrome Jesus Diaz, Alejandro Robles, Majd Michael, Richard W. McCallum ACG 2020
Dr. Laks


- Trevino N, Kafchinski L, Sundarakumar D, Smith C, Laks S. Mirel Classification for Pathologic fracture Risk: What the Radiologist Needs to Know. American Roentgen Ray Society meeting, 2020 (Accepted for presentation meeting canceled due to COVID 19)

- Stacy Mathews, Shaked Laks, Carola La Follette, T. Ignacio Montoya and Pedro A. Maldonado. Concomitant Recto vaginal Fistula and Pelvic Organ Prolapse. Accepted for Publication Baylor University Medical Proceeding 06/2020

Dr. Ghaleb


Dr. Bermo

- Mohammed Bermo, MD; Satoshi Minoshima, MD; David H. Lewis, MD, et al. The role of the cerebellum in pain perception: Evidence from brain perfusion SPECT study in burn patients. Scientific paper under revision at Journal of Neuroimaging.

- Tasnim Khessib, MD; Mohammed Bermo, MD; Sanaz Behnia, MD. Physiologic Testicular 18F-FDG Uptake on PET/CT in Patients
with Lymphoma: Correlation with Age. Scientific paper submitted to Clinical Nuclear Medicine.

- Saeed Elojeimy, MD; Mohammed Bermo, MD. A Case of Multiple Aggressive Osseous Hemangiomas on Bone Scan. Accepted for publication at Radiology Case Reports.

- Mohammed Bermo, MD; David Lewis; MD: Virtual Reality for burn patients undergoing imaging and treatment: Invited review paper for Topics in Magnetic Resonance Imaging, PMID: 3251197.

- Mohammed Bermo, MD; Meena Kumar, MD; Manuela Matesan, MD. The Peritoneum: What Nuclear Radiologists Need to Know. Invited educational article. Seminars in Nuclear Medicine, in press.

**Dr. Kunam**

- Atypical painless vision loss in a patient with Granulomatosis with Polyangiitis Patricia C. Nelson, Vamsi Kunam, Claudia Prospero Ponce, in progress

- “Hemorrhagic cyst in liver case report” with Dr. Mahesh Gajendran in progress

**Dr. Sandoval**


**Dr. Osman**

Publications:


- Ficolin-1 Gene (FCN1) -144 C/A Polymorphism Is Associated With Adverse Outcome of Severe Pneumonia in the Under-Five Egyptian Children: A Multicenter Study. Pediatr Pulmonol. 2020 May;55(5):1175-1183. doi:
Book chapters:


- Progress: Cesarian scar pregnancy: Karlie Snead, Sherif Osman, Mariam Moshiri.

**Dr. Ayyappan**


- Dana C Galván, Anoop P Ayyappan, Brad A Bryan. **Correction: Regression of Primary Cardiac Angiosarcoma and Metastatic Nodules Following Propranolol as a Single Agent Treatment.** PMID: 31608300

**Dr. Ezhapilli**

- Ellen Dudrey 1, Jesse Qiao 2, Sajeev Ezhapilli 3, Syed M Gilani 2. **Cerebrospinal Fluid Cytology With Abnormal Cells: Diagnostic Considerations.** PMID: 31299128

- C. Ofosu 1, S. Ezhapilli 2; **The European Congress of Radiology 2020. #10932: Intracranial arterial fenestrations: CTA & MRA imaging illustrations w/ review of clinical significance.** (EPOS Educational Poster)

- S. Ezhapilli; **The European Congress of Radiology 2020. #15339: Spondylodiscitis: Pictoral review of MR imaging findings w/ focus on common mimics.** (EPOS Educational Poster)

**Dr. Parra**

- Sindhuja T Govindarajan, Yilin Liu, M. Andrea Parra et al. Neural correlates of slowed information processing speed in multiple sclerosis patients with young age onset
Dr. El Salek

- EL Salek K, Williams G. “Case Based Review of Line Related Complications and IR based Management Strategies.” SIR 2020

IRB approved projects

E20033       PI Dr. Gavito Sex Neural Correlates of Smoking and Nicotine Vaping withdrawal among Hispanic young adults

201701       PI Tonarelli, Silvina B, Biomarkers and Neuropsychological Functioning in a Low Income Youth Sample (collaboration)

E17105       PI McCallum, Richard W, Central Nervous System regulation mechanisms of cyclic vomiting syndrome (collaboration)

E17101       PI Salazar, Ricardo, Neuroimaging Study in Hispanics with AD Neuroanatomical correlates of neuropsychiatric symptoms in Hispanics with Alzheimer’s disease (collaboration)

E19095       PI Gavito-Higuera, Jose, Retrospective Review of Creutzfeldt - Jakob disease (CJD)


E19118       PI Gavito-Higuera, Jose, The effects of bariatric surgery and weight loss on food addiction, brain anatomy and connectivity

E15062       PI McCallum, Richard W, Radionuclide Gastric Emptying Before and After Consensus Recommendations: A Comparative Ongoing Study At Texas Tech University Hsc El Paso (collaboration)

E19115       PI Laks, Shaked, Medical Students Interest in Interventional Radiology: What do they know? Would the Introduction of High-Fidelity Endovascular Simulation and Ultrasound Guided Phantom Interventions sessions make a difference?

E18008       PI Diaz, Jesus Rafael, MD Emptying Of Gastric Fundus And Dynamic Antral Scintigraphy In Patients With Suspected Upper Gi Dysmotility Disorder
E20047  PI Ayyappan, Anoop P, Radiological findings on ventilated trauma patients receiving Rotational kinetic bed therapy: Impact of high Rotational bed parameters.

E19135  PI Ayyappan, Anoop P, Comparison Of Chest Ct Findings In Cavitary Pulmonary Cocciidiomycosis With Mycobacterial Tuberculosis Cavitary Lung Disease

E19096  PI Ayyappan, Anoop P, Md Impact Of Forearm Dxa In Breast Cancer Patients In Determining Eligibility For Bone Modifying-Agent Therapy

E14031  PI Diaz, Jesus Rafael, MD Dynamic antral scintigraphy in patients with suspected gastric dysmotility disorders.