

Annual Research Productivity Report



TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER™

Paul L. Foster School of Medicine

Department of Internal Medicine

Department of Internal Medicine

FY 2013

1 September 2012 – 31 August 2013

Prepared by:
Sean M. Connery

Dear Friends—

I am very pleased to bring to you the annual Internal Medicine departmental research productivity report for FY13. The Department had another banner year with 62 peer reviewed publications, several textbooks chapters and number of regional and national presentations. Let me take this opportunity to congratulate our faculty who despite an extremely busy clinical workload continue to excel in other academic endeavors namely teaching and research. I would also like to thank Dr. Jerzy Sarosiek for his tireless efforts to promote research amongst our faculty, residents and medical students and being a resource to them.

I am happy to note that the scholarly productivity of the house staff has increased substantially this year and reflect the mentoring/guidance by our program directors. Our faculty received research funding from both public and private sources and the clinical research enterprise continues to grow under the stewardship of Mr. Sean Connery.

I hope next year Internal Medicine will be even more productive, and each and every one of us will need to put in the effort to make this possible.

Finally, I wish all of you a fun and productive fall!

A handwritten signature in black ink that reads "Debabrata". The script is cursive and fluid, with the first letter 'D' being particularly large and stylized.

Debabrata Mukherjee, MD, MS
Acting Chair
Department of Internal Medicine

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Publications TTUHSC Dept of Internal Medicine 2012-2013*

Faculty Member, In-Training (Medical Student, Resident, Fellow)

*Citation format – Uniform requirements for manuscripts submitted to biomedical journals:
International Committee of Medical Journal Editors

Peer Review Publications

Journal Articles

1. 2012 Writing Group Members, Tracy CM, Epstein AE, Darbar D, DiMarco JP, Dunbar SB, Estes NA 3rd, et al; American College of Cardiology Foundation; American Heart Association Task Force on Practice Guidelines; American Association for Thoracic Surgery; Heart Failure Society of America; Society of Thoracic Surgeons. Collaborators (12) Zoghbi WA, ... **Mukherjee D**, et al. [2012 ACCF/AHA/HRS focused update of the 2008 guidelines for device-based therapy of cardiac rhythm abnormalities: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines](#). J Thorac Cardiovasc Surg. 2012 Dec; 144(6):e127-45.
2. Showkat Ali M, Tiscareno-Grejada I, Locovei S, Smiley R, Collins T, **Sarosiek J**, **McCallum R**. [Gender and estradiol as major factors in the expression and dimerization of nNOS \$\alpha\$ in rats with experimental diabetic gastroparesis](#). Dig Dis Sci. 2012 Nov; 57(11):2814-25.
3. Chatterjee S, Biondi-Zoccai G, Abbate A, D'Ascenzo F, Castagno D, Van Tassell B, **Mukherjee D**, et al. [Benefits of \$\beta\$ blockers in patients with heart failure and reduced ejection fraction: network meta-analysis](#). BMJ. 2013 Jan 16; 346:f55.
4. Chatterjee S, Chaudhuri D, Vedanthan R, Fuster V, Ibanez B, Bangalore S, **Mukherjee D**. [Early intravenous beta-blockers in patients with acute coronary syndrome-A meta-analysis of randomized trials](#). Int J Cardiol. 2012 Nov 17. pii: S0167-5273(12)01425-8.
5. Chatterjee S, Ghose A, Sharma A, Guha G, **Mukherjee D**, Frankel R. [Comparing newer oral anti-platelets prasugrel and ticagrelor in reduction of ischemic events-evidence from a network meta-analysis](#). J Thromb Thrombolysis. 2012 Dec 5. [Epub ahead of print]
6. Chatterjee S, Wetterslev J, Sharma A, Lichstein E, **Mukherjee D**. [Association of blood transfusion with increased mortality in myocardial infarction: a meta-analysis and diversity-adjusted study sequential analysis](#). JAMA Intern Med. 2013 Jan 28; 173(2):132-9.
7. Chatterjee S, Sardar P, **Mukherjee D**, Lichstein E, Aikat S. [Timing and Route of Amiodarone for Prevention of Postoperative Atrial Fibrillation after Cardiac Surgery: A Network Regression Meta-analysis](#). Pacing Clin Electrophysiol. 2013 Aug; 36(8):1017-23.
8. **Chiodini RJ**, Dowd SE, Davis B, Galandiuk S, **Chamberlin WM**, Kuenstner JT, **McCallum RW**, Zhang J. [Crohn's Disease May Be Differentiated Into 2 Distinct Biotypes Based on the Detection of Bacterial Genomic Sequences and Virulence Genes Within Submucosal Tissues](#). J Clin Gastroenterol. 2013 Aug; 47(7):612-620.
9. Chu H, Lin Zhiyue, Zhong L, **McCallum RW**, Hou X. [The Treatment of High-Frequency Gastric Electrical Stimulation for Gastroparesis](#). J Gastroenterol Hepatol. 2012 Jun; 27(6):1017-26.
10. Ejlskjaer N, Wo JM, Esfandyari T, Mazen Jamal M, Dimcevski G, Tarnow L, et al., ... **McCallum RW**. [A phase 2a, randomized, double-blind 28-day study of TZP-102 a ghrelin receptor agonist for diabetic gastroparesis](#). Neurogastroenterol Motil. 2013 Feb; 25(2):e140-50.

11. **Figueroa-Casas JB**, Brunner N, Dwivedi AK, Ayyappan AP. Accuracy of the chest radiograph to identify bilateral pulmonary infiltrates consistent with the diagnosis of acute respiratory distress syndrome using computed tomography as reference standard. *J Crit Care*. 2013 Aug; 28(4):352-7.
12. **Garcia CJ, Castro-Combs J, Dias A, Alfaro R, Vasallo J**, Majewski M, Jaworski T, Wallner G, **Sarosiek J**. Impairment of salivary mucin production resulting in declined salivary viscosity during naproxen administration as a potential link to upper alimentary tract mucosal injury. *Clin Transl Gastroenterol*. 2013 Jul 25; 4:e40.
13. **Gaur S**, Ayyappan AP, **Nahleh Z**. Breast metastases from an adrenocorticotrophic hormone secreting thymic neuro-endocrine tumor. *Breast Dis*. 2013 Jul 17. [Epub ahead of print]
14. **Gaur S**, Padilla O, **Nahleh Z**. Clinical Features and Prognosis of CD20 Negative Aggressive B-Cell Non-Hodgkins Lymphoma. *Lymphoma* 2013:2013.
15. Grover M, Bernard CE, Pasricha PJ, Lurken MS, Faussonne-Pellegrini MS, Smyrk TC, Parkman HP, Abell TL, Snape WJ, Hasler WL, **McCallum RW**, et al.; NIDDK Gastroparesis Clinical Research Consortium (GpCRC). Clinical-histological associations in gastroparesis: results from the Gastroparesis Clinical Research Consortium. *Neurogastroenterol Motil*. 2012 Jun; 24(6):531-9, e249.
16. Grover M, Bernard CE, Pasricha PJ, Parkman HP, Abell TL, Snape WJ, Hasler WL, **McCallum RW**, et al; and the NIDDK Gastroparesis Clinical Research Consortium (GpCRC). Clinical-histological associations in gastroparesis: results from the Gastroparesis Clinical Research Consortium. *Neurogastroenterol Motil*. 2012; 24:531-539.
17. Halawi R, Aldin ES, Baydoun A, Dbouk H, **Nahleh Z**, Nasser Z, Tfayli A. Physical symptom profile for adult cancer inpatients at a Lebanese cancer unit. *Eur J Intern Med*. Dec; 23(8):185-9, 2012.
18. Hasler WL, Wilson LA, Parkman HP, Koch KL, Abell TL, Nguyen L, Pasricha PJ, Snape WJ, **McCallum RW, Sarosiek I**, et al. Factors related to abdominal pain in gastroparesis: contrast to patients with predominant nausea and vomiting. *Neurogastroenterol Motil*. 2013 May; 25(5):427-38, e300-1.
19. **Hernandez GT**, Baradaran A, **Nasri H**. Significance of location of IgA deposition (mesangiocapillary *versus* pure mesangial) in immunoglobulin A nephropathy and its association with morphologic variables of the Oxford classification and various demographic data. *Revista Nefrologia Dialisis y Trasplante*, 2013; In-press.
20. Hou Q, Lin Z, Mayo MS, **Sarosiek I**, Gajewski BJ, **McCallum RW**. Is symptom relief associated with reduction in gastric retention after gastric electrical stimulation treatment in patients with gastroparesis? A sensitivity analysis with logistic regression models. *Neurogastroenterol Motil*. 2012 Jul; 24(7):639-45, e274.
21. **Lalude OO**. Risk of cardiovascular events with hormonal contraception: insights from the Danish cohort study. *Curr Cardiol Rep*. 2013 Jul; 15(7):374.
22. **McCallum RW**, Lembo A, Esfandyari T, Bhandari BR, Ejksjaer N, Cosentino C, Helton N, Mondou E, Quinn J, Rousseau F; The TZP-102 Phase 2b Study Group. Phase 2b, randomized, double-blind 12-week studies of TZP-102, a ghrelin receptor agonist for diabetic gastroparesis. *Neurogastroenterol Motil*. 2013 Jul 15. [Epub ahead of print]

23. **McCallum RW, Sarosiek I**, Parkman HP, Snape W, Brody F, Wo J, et al. [Gastric electrical stimulation with Enterra therapy improves symptoms of idiopathic gastroparesis](#). *Neurogastroenterol Motil*. 2013 Jul 29.[Epub ahead of print]
24. **Mukherjee D**. [Management of refractory angina in the contemporary era](#). *Eur Heart J*. 2013 Jun 5. [Epub ahead of print]
25. **Nahleh Z**, Arenas J, Tfayli A. [Sex Steroids and Breast Cancer: An Overview](#). *Journal of Cancer Therapy* 2013; 4:851-856.
26. **Nahleh ZA**, Lin NU, Wolff AC, Cardoso F; BIG-NABCG collaboration. [Perceptions and needs of women with metastatic breast cancer: a focus on clinical trials](#). *Breast*. 2013 Jun; 22(3):370-3.
27. **Othman MO**, Patel M, Dabizzi E, Asbun HJ, Stauffer J, Wallace MB, et al. [Carcino Embryonic Antigen and long-term follow-up of mucinous pancreatic cysts including intraductal papillary mucinous neoplasm](#). *Dig Liver Dis*. 2012 Oct; 4(10):844-8.
28. **Othman MO**, Stone E, Hashimi M, Parasher G. [Conservative management of cholelithiasis and its complications in pregnancy is associated with recurrent symptoms and more emergency department visits](#). *Gastrointest Endosc*. 2012 Sep; 76(3):564-9.
29. Paraskevas KI, **Mukherjee D**, Wayne TF Jr. [Peripheral Arterial Disease: Implications Beyond the Peripheral Circulation](#). *Angiology*. 2012 Dec 4. [Epub ahead of print]
30. Park J, Rhee CM, Sim JJ, Kim YL, Ricks J, Streja E, Vashistha T, **Tolouian R**, et al. [A comparative effectiveness research study of the change in blood pressure during hemodialysis treatment and survival](#). *Kidney Int*. 2013 Jun 19. [Epub ahead of print]
31. Parkman HP, Yates K, Hasler WL, Nguyen L, Pasricha PJ,...., **Sarosiek I, McCallum RW**, et al. [Cholecystectomy and clinical presentations of gastroparesis](#). *Dig Dis Sci*. 2013 Apr; 58(4):1062-73.
32. Rude J, Azimova K, Dominguez C, **Sarosiek J**, Edlavitch S, **Mukherjee D**. [Depression as a Predictor of Length of Stay in Patients Admitted to the Cardiovascular Intensive Care Unit at a University Medical Center](#). *Angiology*. 2013 Jul 2. [Epub ahead of print]
33. Parkman HP, Yates K, Hasler WL, Nguyen L, Pasricha PJ, Snape WJ,....., **Sarosiek I, McCallum RW**, et al. [Cholecystectomy and Clinical Presentations in Gastroparesis](#). *Dig Dis Sci*. 2013 Apr; 58(4):1062-73.
34. **Saadi M, McCallum RW**. [Rifaximin in irritable bowel syndrome: rationale, evidence and clinical use](#). *Ther Adv Chronic Dis*. 2013 Mar; 4(2):71-5.
35. **Sarosiek I**, Forster J, Lin Z, Cherry S, **Sarosiek J, McCallum R**. [The addition of pyloroplasty as a new surgical approach to enhance effectiveness of gastric electrical stimulation therapy in patients with gastroparesis](#). *Neurogastroenterol Motil*. 2013 Feb; 25(2):134-e80.
36. **Speer ND, Dioso J, Casner PR**. [Costs and implications of discarded medication in hospice](#). *J Palliat Med*. 2013 Aug; 16(8):975-8.
37. **Tolouian R**, Connery SM, O'Neill WC, Gupta A. [Using a filtration technique to isolate platelet free plasma for assaying pyrophosphate](#). *Clin Lab*. 2012; 58(11-12):1129-34.

38. **Tolouian R, Rajabi B**, Boman D, Bilbao J, Gupta A. [Iron infusion and deposition in the kidney](#). Clin Nephrol. 2013 Mar; 79(3):237-40.
39. **Rajabi B, Corral JC**, Hakim N, Mulla ZD. [Descriptive epidemiology of gastric adenocarcinoma in the state of Texas by ethnicity: Hispanic versus White non-Hispanic](#). Gastric Cancer. 2012 Oct; 15(4):405-13.
40. Yin J, Abell TD, **McCallum RW**, Chen JD. [Gastric neuromodulation with Enterra system for nausea and vomiting in patients with gastroparesis](#). Neuromodulation. 2012 May-Jun; 15(3):224-31; discussion 231.

Review Articles

- 1) **Chiodini RJ, Chamberlin WM, Sarosiek J, McCallum RW**. [Crohn's Disease and the Mycobacterioses: A Quarter Century Later. Causation or simple association?](#) Gut Rev Microbiol. 38:52-93, 2012.
- 2) **Gosavi S, Mukherjee D**. [Review of Newer Anticoagulants and Anti Platelet Agents in Acute Coronary Syndrome and Cardiovascular Diseases](#). Cardiovasc Hematol Agents Med Chem. 2013 Jul 9. [Epub ahead of print]
- 3) **Gosavi S, Mukherjee D**. [Natural History of Saphenous Vein Grafts](#). Interventional Cardiology Clinics. 2013 Apr; 2(2): 251-258.
- 4) **Hejazi RA, McCallum RW, Sarosiek I**. [Prokinetics in diabetic gastroparesis](#). Curr Gastroenterol Rep. 2012 Aug; 14(4):297-305.
- 5) **Hernandez GT**, Sippel M, **Mukherjee D**. [Interrelationship between chronic kidney disease and risk of cardiovascular diseases](#). Cardiovasc Hematol Agents Med Chem. 2013 Mar; 11(1):38-43.
- 6) **Othman MO**, Dunkelberg J, Roy PK. [Urosdeoxycholic acid in primary sclerosing cholangitis: a meta-analysis and systematic review](#). Arab J Gastroenterol. 2012 Sep; 13(3):103-10.
- 7) **Porres-Aguilar M**, Gallegos-Orozco JF, Garcia H, Aguirre J, Macias-Rodriguez RU, Torre-Delgadillo A. [Pulmonary vascular complications in portal hypertension and liver disease: a concise review](#). Rev Gastroenterol Mex. 2013; 78(1):35-44.
- 8) **Porres-Aguilar M**, Altamirano JT, Torre-Delgadillo A, Charlton MR, Duarte-Rojo A. [Portopulmonary hypertension and hepatopulmonary syndrome: a clinician-oriented overview](#). Eur Respir Rev. 2012 Sep 1; 21(125):223-33.
- 9) Rude J, **Quevedo K**, Rodriguez de Armas L, **Mukherjee D**. [Antithrombotic options for atrial fibrillation in 2012](#). Cardiovasc Hematol Disord Drug Targets. 2012 Sep; 12(1):1-5.
- 10) Sardar P, Chatterjee S, **Mukherjee D**. [Efficacy and safety of new oral anticoagulants for extended treatment of venous thromboembolism: systematic review and meta-analyses of randomized controlled trials](#). Drugs. 2013 Jul; 73(11):1171-82.

Abstracts

- 1) **Berg P**, Hall M, **Sarosiek I**, **McCallum RW**. Understanding the Etiologies, Clinical Spectrum and Diagnostic Challenge of Dumping Syndrome. Gastroenterology 2013 May; 144(5),(Suppl 1):S-734.
- 2) Gonzalez J, Marioni N, Eloliby M, **Zuckerman M**, **Othman M**. Utility and safety of ERCP in pregnancy: a systematic review (abstr). Am J Gastroenterol 2012; 107 (Suppl 2).
- 3) **Hejazi RA**, Mulla Z, **McCallum R**, **Zuckerman M**. Assesment of gastrointestinal transit time using video capsule endoscopy (abstr). Am J Gastroenterol 2012; 107 (Suppl 1): S700.
- 4) Jia Y, **Ortiz AM**, **Zuckerman M**, **Othman MO**. Risk of bacteremia after endoscopic banding ligation of esophageal varices: a systematic review. (abstr). Gastrointest Endosc 2013; 77:AB 324-AB 325.
- 5) Koch KL, Hasler WL, Yates KP, Calles-Escandon J, Parkman HP, Abel TL,....., **Richard W McCallum**, Snape WJ, Nguyen LT, **Irene Sarosiek**, et al, GpCRC Consortium. Contrasting Gastroparesis in Type 1 (T1DM) vs. Type 2 (T2DM) Diabetes: Clinical Course After 48 Weeks of Follow-up and Relation to Comorbidities and Health Resource Utilization. Gastroenterology 2013 May; 144(5),(Suppl 1):S-926-S-927.
- 6) Lee LA, Unalp A, Corless E, Yates KP, Parkman HP, Abell TL,....., **Richard W. McCallum**, **Irene Sarosiek**, et al, GpCRC Consortium. Complementary and Alternative Medicine Use in Patients Enrolled in Gastroparesis Registry. Gastroenterology 2013 May; 144(5),(Suppl 1):S-740.
- 7) Majewski M, **Sarosiek I**, Sochacka B, Wallner G, **Sarosiek J**. The Potential Role of the Alimentary Tract Viscosity Impairment in the Development of Chronic Constipation: Its Potential Clinical Implication. Am J Gastroenterol 2012 Oct; 107,(Suppl 1):S-64.
- 8) Majewski M, **Sarosiek I**, Wallner G, **Sarosiek J**. Significant Increase of Mucus and Mucin Secretion During Administration of Lubiprostone in Patients With Chronic Constipation: Its Potential Clinical Implication. Gastroenterology 2013 May; 144(5),(Suppl 1):S-540.
- 9) Mann IS, Froschauer L, Gibbons SJ, Bernard CE, Parkman HP, Abell TL,....., **Richard W. McCallum**, **Irene Sarosiek**, et al, GpCRC Consortium. Association of Low Numbers of CD206-Positive Cells With Loss of ICC in the Gastric Body of Patients With Diabetic Gastroparesis. Gastroenterology 2013 May; 144(5),(Suppl 1):S-119-S-120.
- 10) Mendoza AH, **Alvarez A**, **McCallum R**, **Zuckerman M**. An uncommon cause of food impaction (abstr). Am J Gastroenterol 2012; 107 (Suppl 1): S237-S238.
- 11) **Ortiz AM**, **Elhanafi S**, **McCallum R**, **Zuckerman MJ**, **Othman MO**. The diagnostic accuracy of endoscopic ultrasound (EUS) elastography in differentiating benign from malignant pancreatic lesions, a meta-analysis. Gastrointest Endosc 2012; 75:AB181-AB182.
- 12) **Ortiz AM**, **Patham B**, **Zuckerman M**, **Othman MO**. Recurrence rate of colorectal polyps after endoscopic mucosal resection: a systematic review and meta-analysis. (abstr) Gastrointest Endosc 2013; 77:AB 232-AB 233.

- 13) **Ortiz AM, Patham B, Zuckerman M, Othman MO.** Recurrence rate after endoscopic mucosal resection of duodenal polyps: a systematic review and meta-analysis (abstr). *Gastrointest Endosc* 2013; 77:AB 282-AB 282.
- 14) **Ortiz AM, Pratiti R, Alvarez A, Sarosiek I, McCallum RW.** Clinical Role and Cardiovascular Safety Profile of Chronic Domperidone Use. *Gastroenterology* 2013 May; 44(5),(Supp 1):S-738.
- 15) Parkman HP, Van Natta M, Abell TL, **McCallum RW, Sarosiek I**, et al, GpCRC Consortium. Nortriptyline for Idiopathic Gastroparesis: A Multicenter, Randomized, Double-Masked, Placebo-Controlled Trial (NORIG). *Gastroenterology* 2013 May; 144(5),(Supp 1):S-1.
- 16) Pasricha PJ, Yates KP, Parkman HP, Nguyen LAB, Snape WJ, Abell TL, **Richard W. McCallum, Irene Sarosiek**, et al, GpCRC Consortium. Modeling Equations for Prediction of Improvement in Patients With Gastroparesis Based on 48 Week Prospective Outcome Data. *Gastroenterology* 2013 May; 144(5),(Supp 1):S-739-S-740.
- 17) **Powell CE, Hernandez GT**, Connery SM, Balog-Alvarez CJ, Abi-Ghanem D, Berghman LR, Puschett JB, **Tolouian R.** Urinary Marinobufagenin Excretion Differentiates Between Diabetic Patients at Low or High Risk for Development of Worsening Nephropathy. *Am J Kidney Dis.* 2013; 1(4):A8.
- 18) **Rambod M, Melikterminas M, Atallah H, Saadi M**, Connery SM, Mulla Z, **Tolouian R.** Association of Urine pH and Chronic Use of Proton Pump Inhibitor. *Nephrol Dial Transplant* 2013;28(Suppl 1):i390.
- 19) **Sarosiek I, Alvarez A, Romero R**, Gomez Y, Vega N, **McCallum RW, Sarosiek J.** The Effect of Lubiprostone on Regional Alimentary Tract Transit Times Measured by Wireless Motility Capsule in Patients With Chronic Constipation. *Gastroenterology* 2013 May; 144(5),(Supp 1):S-922.
- 20) **Sarosiek I, Alvarez A, Romero R**, Gomez Y, Vega N, **McCallum RW, Sarosiek J.** Results of Gastric Emptying Tested With Wireless Motility Capsule in Chronic Constipation Patients Before and After Lubiprostone. *Gastroenterology* 2013 May; 144(5),(Supp 1):S-547.
- 21) **Sarosiek I, McCallum RW, Sun Y**, Vasquez D, Chen J, Abell TL, Yin J, Chen J. Self-Administered Needleless Acupuncture Therapy to Control Dyspepsia and GERD Symptoms in Patients Diagnosed With Diabetic Gastroparesis. *Gastroenterology* 2013 May; 144(5),(Supp 1):S-135.
- 22) **Speer N, Dioso J, Casner PR.** Cost and implications of discarded medication in hospice. *J AM Ger Soc.* 2013; 61: S 216.

Abstracts (No Citation)/Presentations

Diaz JR, Bagherpour A, **Saadi M, Cooper C, Sarosiek I, McCallum RW.** Effect of Instituting 4-Hour Gastric Emptying Scintigraphy Protocol Compared to Prior Shorter Duration Scintigraphy for Suspected Gastric Motility Disorders. The Southeastern Chapter of SNMMI April 2013

Said S, Cooper C, Alkhateeb H, Gosavi S, Abedin Z. Incidence of New Onset Atrial Fibrillation in Patients with Permanent Pacemakers and the Relation to the Pacing Mode. 6th APHRS & CardioRhythm 2013 (3-6 October 2013, Hong Kong)

Said S, Alkhateeb H, Cooper C, O'Neil T, Rodriguez GJ, Maud A. Fulminant Course of Moyamoya Disease Presenting as a Corpus Callosum Infarct in a Hispanic Male. Annual American College of Physician meeting, 2013 San Francisco.

Quansah R, Said S, Bizet J, Guerrero R. Don't Oversee It when It Happens With HCV: a Case of HCV-Induced Porphyria Cutanea Tarda. Annual meeting 2013 ACG.

Sarosiek I. Transcutaneous Electrical Acupuncture Therapy for Severe Gastroparesis and Constipation in a Diabetic patient. September 2012, Joint International Neurogastroenterology and Motility Meeting- Bologna, Italy.

Sarosiek I, Colombo J, Davis B, McCallum RW. Toward a More Scientifically Based Programming Approach for Gastric Electrical Stimulation in Gastroparesis Patients. 2013 International Gastrointestinal Electrophysiology Society Workshop-IEGGS; DDW 2013 Orlando, FL.

Sarosiek J. Can Stimulation of Salivary and Esophageal Secretion of Protective Factors Help to Prevent RE, BE & Adenocarcinoma Sequelae in Patients with Gastro-Esophageal Reflux Disease? August 2013, OESO 12th World Organization for Specialized Studies on Cancers of the Esophagus, Paris, France.

Nahleh Z, Dominguez C, Khang T, Sattar A, Ulloa A. Health Related Quality Of Life Survey Using Sf-36 In Breast Cancer Survivors In El Paso. Innovations in Cancer Prevention and Research Conference, Austin 2012, Abstract 325 (Poster Presentation).

Nahleh Z. Establishing A Clinical Cancer Research Core (CCRC) Facility At Texas Tech University Health Sciences Center (TTUHSC) Center In El Paso. The Innovations in Cancer Prevention and Research Conference, Austin, October 2012, Abstract 428 (Poster Presentation).

Nahleh Z, Yong T, Ulloa A, Zhou J. Clinical and pathological features of breast cancer in El Paso. The Innovations in Cancer Prevention and Research Conference, Austin, October 2012, Abstract 389 (Poster Presentation).

Ortiz AM, Patham B, Zuckerman M, Othman MO. Recurrence rate of colorectal polyps after endoscopic mucosal resection: a systematic review and meta-analysis. Presented (poster) at the annual meeting of the ASGE (Digestive Disease Week) in Orlando, May 18, 2013.

Ortiz AM, Patham B, Zuckerman M, Othman MO. Recurrence rate after endoscopic mucosal resection of duodenal polyps: a systematic review and meta-analysis. Presented (poster) at the annual meeting of the ASGE (Digestive Disease Week) in Orlando, May 18, 2013.

Jia Y, Ortiz AM, Zuckerman M, Othman MO. Risk of bacteremia after endoscopic banding ligation of esophageal varices: a systematic review. Presented (poster) at the annual meeting of the ASGE (Digestive Disease Week) in Orlando, May 19, 2013.

Gonzalez J, Marioni N, Eloliby M, Zuckerman M, Othman M. Utility and safety of ERCP in pregnancy: a systematic review. Presented (poster) at the annual meeting of the American College of Gastroenterology in Las Vegas, October 21, 2012.

Mendoza-Ladd AH, Alvarez A, McCallum R, Zuckerman M. An uncommon cause of food impaction. Presented (poster) at the annual meeting of the American College of Gastroenterology in Las Vegas, October 21, 2012.

Hejazi RA, Mulla Z, **McCallum R**, **Zuckerman M**. [Assessment of gastrointestinal transit time using video capsule endoscopy](#). Presented (poster) at the annual meeting of the American College of Gastroenterology in Las Vegas, October 21, 2012.

Alvarez A, **Garcia C**, Boman D, **Zuckerman M**. [Streptococcus bovis bacteremia in infants](#). Presented (poster) at the annual meeting of the American College of Gastroenterology in Las Vegas, October 21, 2012.

Zuckerman MJ, Vela MJ, Moderator. Plenary session on esophagus/functional bowel disorders at the annual meeting of the American College of Gastroenterology in Las Vegas, October 23, 2012.

Sarosiek J. [Role of Saliva and its Components in Esophageal Mucosal Defense](#)-September 2012, OESO 11th World Organization for Specialized Studies on Diseases of the Esophagus-Como, Italy.

Sarosiek J. [Barrier Function in Esophageal Squamous Epithelium](#)-September 2012, OESO 11th World Organization for Specialized Studies on Diseases of the Esophagus-Como, Italy.

Sarosiek J. [What is the Function and Role of Submucosal Mucus Glands under the Esophageal Squamous Epithelium?](#)-September 2012, OESO 11th World Organization for Specialized Studies on Diseases of the Esophagus-Como, Italy.

Sarosiek J. [What is the Role of Cox-1 and Cox-2 in Progression of non-dysplastic BE to adenocarcinoma?](#)-September 2012, OESO 11th World Organization for Specialized Studies on Diseases of the Esophagus-Como, Italy.

Published Case Reports

1. **Alfaro R**, Vasavada N, Pauksakon P, **Hernandez GT**, Aronoff GR. [Cocaine-induced acute interstitial nephritis: A case report and review of the literature](#). J Nephropathology. 2013 July; 2(3): 204-209.
2. **Alhamad T**, **Blandon J**, Meza AT, Bilbao JE, **Hernandez GT**. [Acute kidney injury with oxalate deposition in a patient with a high anion gap metabolic acidosis and a normal osmolal gap](#). J Nephropathology. 2013 April; 2(2): 139-143.
3. **Alkhateeb H**, **Said S**, **Cooper CJ**, **Gaur S**, **Porres-Aguilar M**. [DRESS syndrome following ciprofloxacin exposure: An unusual association](#). Am J Case Rep. 2103; 14: In Press.
4. **Cooper C**, Bilbao JE, **Said S**, **Aklhateeb H**, **Bizet J**, **Elfar A**, Davalos O, Meza AT, **Hernandez GT**. [Serum amyloid A renal amyloidosis in a chronic subcutaneous \(“skin popping”\) heroin user](#). J Nephropathology. 2013 July; 2(3): 196-200.
5. **Cooper C**, Gerges AS, Anekwe E, **Hernandez GT**. [Dual Superior Vena Cava on Fistulogram: A Case Report and Discussion](#). Am J Case Rep. 2013 July; In Press.
6. **Cooper C**, **Said S**, **Nunez A**, **Alkhateeb H**, **McCallum RW**. [Chronic Vomiting and Diarrhea in a Young Female](#). Am J Case Rep. 2013 July;14.
7. **Cooper C**, **Said S**, **Khalillullah S**, **Gosavi S**. [Rare Etiology of Arachnoiditis in Patient with Uncontrolled Diabetes](#). J Clin Case Rep. 2013 3:287.

8. **Cooper CJ, Said S, Khalillullah S, Salameh HJ, Hernandez GT.** Multicystic dysplastic kidney complicated by pyelonephritis: A case report and discussion. *Am J Case Rep.* 2013 July; In Press.
9. **Cooper C, Said S, Khalillullah S, Gosavi S, Alozie O.** An Immunocompetent Patient with a Vesicular Rash and Neurological Symptomatology. *J Med Cases* 2013 Sept;4 (9):620-623.
10. **Elfar A, Teleb M, Rodriguez C, Nahleh Z.** Spontaneous tumor lysis syndrome in breast cancer: a case report and discussion *Journal of Cancer Therapeutics and Research* 2013;2(9):1-5.
11. **Gaur S, Torabi A, O'Neill TJ.** Activity of angiogenesis inhibitors in metastatic epithelioid hemangioendothelioma: a case report. *Cancer Biol Med.* 2012 Jun; 9(2):133-6
12. **Ladd AM, Alvarez AM, McCallum RW, Zuckerman MJ.** Food impaction due to nutcracker esophagus. *Am J Med Sci.* 2013 Jul; 346(1):76-9.
13. **Rodriguez-Castro CE, Elfar A, Gonzalez-Ibarra FP, Siddiqui T, Abbas A.** Amyotrophic lateral sclerosis and pseudo-infarct pattern on the electrocardiogram. *Am J Med.* 2013 Jul; 126(7):e3-5.
14. **Saadi M, Sarosiek I, McCallum RW.** Can Kennedy Disease be a Rare Cause of Achalasia? *American Journal of Medical Sciences*, 2013 (in press).
15. **Said S, Cooper C, Alkhateeb A, Elhanafi S, Bizet J, Gosavi S, Abedin Z.** Pyridostigmine – induced high grade SA- block in a patient with myasthenia gravis. *Am J Case Rep.* 2013. July; 14:CR359-36.
16. **Said S, Cooper C, Alkhateeb H, Gosavi S, Alozie O.** Septic Cerebral vein thrombosis and Abnormal Leptomeningitis as a Complication from a Periodontitis in a Hispanic Male: Case Report and Literature Review. *J Med Cases.* 2013 Sept; 4(9): 598-601.
17. **Said S, Cooper CJ, Quevedo K, Rodriguez E, Hernandez GT.** Biventricular non-compaction with predominant right ventricular involvement and reduced left ventricular systolic and diastolic function and relevant pulmonary hypertension in a Hispanic Male. *Am J Case Rep* 30, 2013 August; In Press.
18. **Said S, Cooper C, Reyna E, Alkhateeb H, Diaz J, Gosavi S, Nahleh Z.** Paraneoplastic limbic encephalitis, an uncommon presentation of a common cancer: Case report and discussion. *Am J Case Rep.* 2013 July;14
19. **Seethala S, Gaur S, Enderton E, Corral J.** Postpartum acquired hemophilia: a rare cause of postpartum hemorrhage. *Case Rep Hematol.* 2013;2013

Book Chapters

- 1) **Hernandez GT** and Rodriguez RA. *Viral Diseases and the Kidney.* *In:* Lerma EV & Rosner M, Editors. *Clinical Decisions in Nephrology, Hypertension, and Kidney Transplantation*, First Edition. New York: Springer; 2013, pp. 577-589.
- 2) **Hernandez GT** and Rodriguez RA. *Renal Toxicology.* *In:* Harrison R & LaDou J, Editors. *Current Diagnosis & Treatment, Occupational & Environmental Medicine*, 5th Edition. New York: McGraw Hill; 2014.
- 3) **Lin Z, McCallum RW.** *Changes of Sympathovagal Balance Measured by Heart Rate Variability in Gastroparetic*

[Patients Treated with Gastric Electrical Stimulation](#). In: Richard Millis (Ed.). *Advances in Electrocardiograms Methods and Analysis*. Intech; 2012; 271-282.

- 4) **McCallum RW**, Malhotra A. [Gastroparesis in Older Adults](#). In: Pitchumoni CS, Dharmarajan TS eds. *Geriatric Gastroenterology*. New York: Springer, 2012; 301-309.
- 5) **Nahleh Z**, Tajeja N. [DHEA, Androgen Receptors and their potential role in breast cancer](#). In: Watson RR ed. *DHEA in Human health and aging*. Boca Raton: CRC press, cop. 2012.
- 6) **Nahleh Z**. [Systemic Therapy for Breast Cancer: Success and Challenges](#). In Dupuy DE., Fong Y, McMullen WN eds. *Image-Guided Cancer Therapy: A Multidisciplinary Approach*. Springer Science +Business Media, INC, NY, NY.; 2013.
- 7) **Porres-Aguilar M**, Gallegos-Orozco JF. [Pulmonary vascular complications in liver cirrhosis](#). In: *Hepatology: from basic sciences to clinical application ZarPRA Official publication of the Mexican Association of Hepatology* : 2013; 153-158.

Letter to the Editor – Commentary

- 1) **Casner PR**. [Commentary on "Parkinson's disease: research update and clinical management"](#) South Med J. 2012 Dec;105(12):657-8.
- 2) Chatterjee S, Wetterslev J, **Mukherjee D**. [Patient-Level vs Group-Level Data to Adjust Meta-analysis on Transfusion and Mortality-Reply](#). JAMA Intern Med. 2013 Jun 24; 173(12):1157-8.
- 3) **Figuroa-Casas JB**. [Preventive use of noninvasive ventilation after planned extubation](#). Respir Care. 2012 Feb; 57(2):318-20.
- 4) **Mukherjee D**. [Perfluorooctanoic acid exposure and cardiovascular disease: potential role and preventive measures: comment on "Perfluorooctanoic acid and cardiovascular disease in US adults"](#). Arch Intern Med. 2012 Oct 8; 172(18):1403-5.
- 5) **Mukherjee D**. [Management of refractory angina in the contemporary era](#). Eur Heart J. 2013 Jun 5. [Epub ahead of print.
- 6) Parkman HP, Hasler WL, Nguyen L, Snape WJ, Farrugia G, Koch KL, Abell TL, **McCallum RW**, et al. [Diabetic Gastroparesis: Myth or Reality?](#) Clin Gastroenterol Hepatol. 2012; 10:685-687.
- 7) **Porres-Aguilar M**, Duarte-Rojo A, Krowka MJ. [Transthoracic echocardiography screening for the detection of portopulmonary hypertension: a work in progress](#). Liver Transpl. 2013 Jun;19(6):573-4
- 8) **Porres-Aguilar M**, García CJ, Porres-Munoz M, García H. [Lung vascular disorders in liver transplant tertiary referral centers in Mexico](#). Rev Invest Clin. 2012 Nov-Dec; 64(6 Pt 2):679-80; author reply 681-2.
- 9) **Porres-Aguilar M**, **Mukherjee D**. [Role of baseline echocardiography in preoperative management of liver transplant candidates](#). Am J Cardiol. 2013 Apr 15; 111(8):1231.
- 10) **Rambod M**, **Tolouian R**. [Dietary sodium and clinical outcome in hemodialysis: where do we stand and what is next?](#) Kidney Int. 2012 Jul; 82(2):130-2.

- 11) **Rodriguez-Castro CE, Elfar A, Gonzalez-Ibarra FP, Siddiqui T, Abbas A.** Amyotrophic Lateral Sclerosis and Pseudo-infarct Pattern on the Electrocardiogram. *Am J Med.* 2013 Jul; 126(7):e3-5.
- 12) **Tolouian R, Hernandez GT.** Prediction of diabetic nephropathy: The need for a sweet biomarker. *J Nephrology.* 2013 Jan; 2(1):4-5.

Summary and Commentary on Important Research Findings

Gosavi S. Commentary and review of "Effect of Ramipril on Walking Times, QOL in Patients with PAD". *Cardiology Review*, April 2013.

Gosavi S. Commentary and review on Statins, exercise and exercise training. *Cardiology Review*, August 2013.

Gosavi S. Commentary and review of "How Should the Findings from the Mikus et al Study be Translated into Clinical". *Cardiology Review*, August 2013.

Hernandez GT. "Glycemic Control and Adverse Outcomes in Patients with Diabetes and CKD." A review and commentary on: Shurraw S, Hemmelgarn B, Lin M, et al. Association between glycemic control and adverse outcomes in people with diabetes mellitus and chronic kidney disease: a population- based cohort study. *Arch Intern Med.* 2011;171:1920-1927. *Cardiology Review*, 2012.

Hernandez GT. "Is CKD a Coronary Heart Disease Risk Equivalent?" A review and commentary on: Tonelli M, Muntner P, Lloyd A, et al. Risk of coronary events in people with chronic kidney disease compared with those with diabetes: a population-level cohort. *Lancet.* 2012;380:807-814. *Cardiology Review*, 2012.

Hernandez GT. "The Obesity-Hypertension Link Over the Life Course." A review and commentary on: Shihab HM, Meoni LA, Chu AY, et al. Body mass index and risk of incident hypertension over the life course: the Johns Hopkins Precursors Study. *Circulation.* 2012; 126:2983-2989. *Cardiology Review*, 2013.

Medical Student, Resident, and Fellows Research Activity

(IM Resident/Fellow **Bold**, *Faculty Sponsor / Mentor*)

TTUHSC PLF SOM *Medical Student*

Journal Articles – Original Investigation

1. Faussone-Pellegrini MS, Grover M, Pasricha PJ, Bernard CD, Luken MS, Smyrk TC, et al.; NIDDK Gastroparesis Clinical research Consortium (GpCRC). Collaborators (73) Pasricha PJ, ...*McCallum RW*, **Hejazi R**, *Sarosiek I*, Vasquez D, Vega N, et al. [Ultrastructural differences between diabetic and idiopathic gastroparesis](#). J Cell Mol Med. 2012 Jul; 16(7):1573-81.
2. **Garcia CJ**, **Castro-Combs J**, **Dias A**, **Alfaro R**, *Vasallo J*, Majewski M, Jaworski T, Wallner G, *Sarosiek J*. [Impairment of salivary mucin production resulting in declined salivary viscosity during naproxen administration as a potential link to upper alimentary tract mucosal injury](#). Clin Transl Gastroenterol. 2013 Jul 25; 4:e40.
3. **Saadi M**, *McCallum RW*. [Rifaximin in irritable bowel syndrome: rationale, evidence and clinical use](#). Ther Adv Chronic Dis. 2013 Mar; 4(2):71-5.
4. *Tolouian R*, **Rajabi B**, Boman D, Bilbao J, Gupta A. [Iron infusion and deposition in the kidney](#). Clin Nephrol. 2013 Mar; 79(3):237-40.
5. **Rajabi B**, *Corral JC*, Hakim N, Mulla ZD. [Descriptive epidemiology of gastric adenocarcinoma in the state of Texas by ethnicity: Hispanic versus White non-Hispanic](#). Gastric Cancer. 2012 Oct; 15(4):405-13.

Journal Articles – Review Articles

- 1) **Hejazi RA**, *McCallum RW*, *Sarosiek I*. [Prokinetics in diabetic gastroparesis](#). Curr Gastroenterol Rep. 2012 Aug; 14(4):297-305.
- 2) Rude J, **Quevedo K**, Rodriguez de Armas L, *Mukherjee D*. [Antithrombotic options for atrial fibrillation in 2012](#). Cardiovasc Hematol Disord Drug Targets. 2012 Sep; 12(1):1-5.

Abstracts

1. **Berg P**, Hall M, *Sarosiek I*, *McCallum RW*. [Understanding the Etiologies, Clinical Spectrum and Diagnostic Challenge of Dumping Syndrome](#). Gastroenterology 2013 May;144(5),(Suppl 1):S-734.
2. **Hejazi RA**, Mulla Z, *McCallum RW*, *Zuckerman M*. [Assesment of gastrointestinal transit time using video capsule endoscopy \(abstr\)](#). Am J Gastroenterol. 2012; 107 (Suppl 1): S700.
3. *Mendoza-Ladd AH*, **Alvarez A**, *McCallum R*, *Zuckerman M*. [An uncommon cause of food impaction \(abstr\)](#). Am J Gastroenterol.2012; 107 (Suppl 1): S237-S238.

4. **Ortiz AM, Elhanafi S, McCallum R, Zuckerman MJ, Othman MO.** The diagnostic accuracy of endoscopic ultrasound (EUS) elastography in differentiating benign from malignant pancreatic lesions, a meta-analysis. *Gastrointest Endosc.* 2012; 75:AB181-AB182.
5. **Ortiz AM, Pratiti R, Alvarez A, Sarosiek I, McCallum RW.** Clinical Role and Cardiovascular Safety Profile of Chronic Domperidone Use. *Gastroenterology.* 2013 May; 144(5), (Supp 1):S-738.
6. **Powell CE, Hernandez GT, Connery SM, Balog-Alvarez CJ, Abi-Ghanem D, Berghman LR, Puschett JB, Tolouian R.** Urinary Marinobufagenin Excretion Differentiates Between Diabetic Patients at Low or High Risk for Development of Worsening Nephropathy. *Am J Kidney Dis.* 2013;61(4):A8.
7. **Rambod M, Melikterminas M, Atallah H, Saadi M, Connery SM, Mulla Z, Tolouian R.** Association of Urine pH and Chronic Use of Proton Pump Inhibitor. *Nephrol Dial Transplant.* 2013; 28(Suppl 1):i390.
8. **Sarosiek I, Alvarez A, Romero R, Gomez Y, Vega N, McCallum RW, Sarosiek J.** The Effect of Lubiprostone on Regional Alimentary Tract Transit Times Measured by Wireless Motility Capsule in Patients With Chronic Constipation. *Gastroenterology.* 2013 May; 144(5),(Supp 1):S-922.
9. **Sarosiek I, Alvarez A, Romero R, Gomez Y, Vega N, McCallum RW, Sarosiek J.** Results of Gastric Emptying Tested With Wireless Motility Capsule in Chronic Constipation Patients Before and After Lubiprostone. *Gastroenterology.* 2013 May; 144(5),(Supp 1):S-547.
10. **Sarosiek I, McCallum RW, Sun Y, Vasquez D, Chen J, Abell TL, Yin J, Chen J.** Self-Administered Needleless Acupuncture Therapy to Control Dyspepsia and GERD Symptoms in Patients Diagnosed With Diabetic Gastroparesis. *Gastroenterology.* 2013 May; 144(5),(Supp 1):S-135.
11. **Speer N, Dioso J, Casner PR.** Costa and implications of discarded medication in hospice. *J AM Ger Soc.* 2013;61: S 216.

Abstracts (No Citation)

Diaz JR, Bagherpour A, **Saadi M, Cooper C, Sarosiek I, McCallum RW.** Effect of Instituting 4-Hour Gastric Emptying Scintigraphy Protocol Compared to Prior Shorter Duration Scintigraphy for Suspected Gastric Motility Disorders. The Southeastern Chapter of SNMMI April 2013

Said S, Cooper C, Alkhateeb H, Gosavi S, Abedin Z. Incidence of New Onset Atrial Fibrillation in Patients with Permanent Pacemakers and the Relation to the Pacing Mode. 6th APHRS & CardioRhythm 2013 (3-6 October 2013, Hong Kong)

Said S, Alkhateeb H, Cooper C, O'Neil T, Rodriguez GJ, Maud A. Fulminant Course of Moyamoya Disease Presenting as a Corpus Callosum Infarct in a Hispanic Male. Annual American College of Physician meeting, 2013 San Francisco

Quansah R, Said S, Bizet J, Guerrero R. Don't Oversee It when It Happens With HCV: a Case of HCV-Induced Porphyria Cutanea Tarda. Annual meeting 2013 ACG

Published Case Reports

1. **Alhamad T, Blandon J**, Meza AT, Bilbao JE, Hernandez GT. Acute kidney injury with oxalate deposition in a patient with a high anion gap metabolic acidosis and a normal osmolal gap. *J Nephropathology*. 2013 April; 2(2): 139-143.
2. **Alkhateeb H, Said S, Cooper CJ**, Gaur S, Porres-Aguilar M. DRESS syndrome following ciprofloxacin exposure: An unusual association. *Am J Case Rep*. 2103;14: In Press.
3. **Cooper C**, Bilbao JE, **Said S, Alkhateeb H, Bizet J, Elfar A**, Davalos O, Meza AT, Hernandez GT. Serum amyloid A renal amyloidosis in a chronic subcutaneous (“skin popping”) heroin user. *J Nephropathology*. 2013 July; 2(3): 196-200.
4. **Cooper C**, Gerges AS, Anekwe E, Hernandez GT. Dual Superior Vena Cava on Fistulogram: A Case Report and Discussion. *Am J Case Rep*. 2013 July; In Press.
5. **Cooper C, Said S, Nunez A, Alkhateeb H**, McCallum RW. Chronic Vomiting and Diarrhea in a Young Female. *Am J Case Rep*. 2013 July;14
6. **Cooper C, Said S, Khalillullah S**, Gosavi S. Rare Etiology of Arachnoiditis in Patient with Uncontrolled Diabetes. *J Clin Case Rep*. 2013 3:287.
7. **Cooper CJ, Said S, Khalillullah S**, Salameh HJ, Hernandez GT. Multicystic dysplastic kidney complicated by pyelonephritis: A case report and discussion. *Am J Case Rep*. 2013 July; In Press.
8. **Cooper C, Said S, Khalillullah S**, Gosavi S, Alozie O. An Immunocompetent Patient with a Vesicular Rash and Neurological Symptomatology. *J Med Cases*. 2013 Sept;4(9):620-623.
9. **Elfar A, Teleb M, Rodriguez C**, Nahleh Z. Spontaneous tumor lysis syndrome in breast cancer: a case report and discussion. *Journal of Cancer Therapeutics and Research*. 2013;2(9):1-5.
10. Ladd AM, Alvarez AM, McCallum RW, Zuckerman MJ. Food impaction due to nutcracker esophagus. *Am J Med Sci*. 2013 Jul; 346(1):76-9.
11. **Rodriguez-Castro CE, Elfar A**, Gonzalez-Ibarra FP, Siddiqui T, Abbas A. Amyotrophic lateral sclerosis and pseudo-infarct pattern on the electrocardiogram. *Am J Med*. 2013 Jul;126(7):e3-5.
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13. **Said S, Cooper C, Alkhateeb A, Elhanafi S, Bizet J**, Gosavi S, Abedin Z. Pyridostigmine – induced high grade SA- block in a patient with myasthenia gravis. *Am J Case Rep* 2013 July;14:CR359-36.
14. **Said S, Cooper C, Alkhateeb H**, Gosavi S, Alozie O. Septic Cerebral vein thrombosis and Abnormal Leptomeningitis as a Complication from a Periodontitis in a Hispanic Male: Case Report and Literature Review. *J Med Cases*. 2013 Sept; 4(9): 598-601.

15. **Said S, Cooper CJ, Quevedo K, Rodriguez E, Hernandez GT.** Biventricular non-compaction with predominant right ventricular involvement and reduced left ventricular systolic and diastolic function and relevant pulmonary hypertension in a Hispanic Male. Am J Case Rep. 30, 2013 August; In Press.
16. **Said S, Cooper C, Reyna E, Alkhateeb H,** Diaz J, *Gosavi S, Nahleh Z.* Paraneoplastic limbic encephalitis, an uncommon presentation of a common cancer: Case report and discussion. Am J Case Rep. 2013 July;14

Letter to the Editor – Commentary – Opinion Papers - Summary and Commentary on Important Research Findings

Rambod M, Tolouian R. Dietary sodium and clinical outcome in hemodialysis: where do we stand and what is next? Kidney Int. 2012 Jul; 82(2):130-2.

OPEN, ACTIVE, ONGOING RESEARCH

Investigator Initiated Research Studies GRANT FUNDED FY13

- **Continuation of the NIDDK Gastroparesis Consortium** Co-PIs- Richard McCallum, MD and Irene Sarosiek, MD *NIH/NIDDK*. 09/01/2011 – 08/31/2016. **\$2,075,556**
Year 2 – 09/01/2012 – 08/31/2013 - \$258,532
 - *Gastroparesis Registry 2 (GpR 2): Continuation of the NIDDK Registry for the Characterization and Clinical Course of Gastroparesis Patients*
 - *Pilot Study of the Safety, Feasibility, and Potential Efficacy of Continuous Glucose Monitoring and Insulin Pump Therapy in Diabetic Gastroparesis (GLUMIT-DG)*
 - *Aprepitant for the Relief of Nausea in Patients with Chronic Nausea and Vomiting of Presumed Gastric Origin. A Multicenter, Randomized, Double-Masked, Placebo-Controlled Trial (APRON)*

- **A Prospective Study of the Risk of Bacteremia in directed Cholangioscopic examination of the CBD.** PI - Mohamed O Othman, MD. “Smaller Programs” *Clinical Research Award from the American College of Gastroenterology*. 1 July 2012 – 31 December 2013. \$11,500

- **Establishing a Cancer Clinical Research Core facility at Texas Tech University Health Science Center in El Paso** – PI Zeina Nahleh, MD. *Cancer Prevention & Research Institute of TEXAS (CPRIT)* 01 Dec 2011 – 30 Nov 2016. - **\$1,500,000.00**
Year 2 - 1 Dec 2012 – 30 Nov 2013 -\$423,754

- **Genomic Characterization of Diabetic Gastroparesis** – PI – Irene Sarosiek, MD, Sub-I - Dianne Mitchell, PhD. *DCC Pilot and Feasibility Opportunities in 2012*. 16 July 2012 - 31 Sept 2013. \$99,999

- **Endosonography for Examination of the Structural Changes of the Stomach** PI – Mohamed O Othman, MD. Paul L. Foster SOM, Seed Grant 3/1/2013 to 2/28/201. \$19,750

Department of Internal Medicine Internal Seed Grant Funded

Cycle 3

- **Metabolic Syndrome and Subclinical Atherosclerosis in Hispanics with HIV** – Dr. Omosalewa Lalude
- **Gene expression signatures associated with bone marrow fibrosis in CML** – Dr. Sumit Gaur
- **Intraluminal Endosonography for Examination of the Structural Changes of the Stomach in Gastroparetic Patients** – Dr. Mohamed Othman

Cycle 4

- **Evaluation of Serum Pro-inflammatory Cytokines in Hispanic Patients with Chronic Hepatitis C Infection and Type 2 Diabetes Mellitus – A Pilot Study** – Dr. Ogechika Alozie
- **Randomized Control Trial Comparing Prokinetics and Their Influence on Endoscopy Outcomes For Upper GI Bleed** – Dr. Mohamed Othman

Investigator Initiated Research Studies

Unfunded

Aortic Dissection and Uncontrolled or Untreated Hypertension In Predominantly Hispanic Population: Prevalence and Outcomes. - Debabrata Mukherjee, MD.

Prevalence and predictors of Contrast-Induced Acute Kidney Injury among patients undergoing angiography at an University Medical Center at El Paso Texas, in a predominantly Hispanic population. - Debabrata Mukherjee, MD

Prevalence of metabolic syndrome among patients presenting with angiographically proven coronary artery disease at an University Medical Center at El Paso Texas, in a predominantly Hispanic population. - Debabrata Mukherjee, MD

Prevalence and Prognostic Implications of Anemia in Heart Failure. - Debabrata Mukherjee, MD

A Prospective Study of the Risk of Bacteremia in directed Cholangioscopic examination of the CBD - Mohamed O Othman, MD

Infective endocarditis in a Southwestern American border Hospital -- 5 years (2006-2010) study. - Debabrata Mukherjee, MD

Survey of Dialysis Patients to Determine a Safety Score for Driving after a Dialysis Treatment - Pedro Antonio Blandon, MD

The utility of Cap Colonoscopy in increasing adenoma detection rate - Mohamed O Othman, MD

Correlation of the adenoma detection rate to polyp detection rate. A single center study. - Mohamed O Othman, MD

Randomized Control Trial Comparing Prokinetics and Their Influence on Endoscopy Outcomes for Upper GI Bleed. - Mohamed O Othman, MD

The cellularity yield of three different 22-gauge Endoscopic Ultrasound Fine needle aspiration needles - Mohamed O Othman, MD

The impact of introduction of new Endoscopic Ultrasound (EUS) service on the use of Endoscopic Retrograde Cholangiopancreatography and its clinical implications. - Mohamed O Othman, MD

Intraluminal Endosonography for Examination of the Structural Changes of the Stomach in Gastroparetic Patient. - Mohamed O Othman, MD

Evaluation of gastric polyps and its clinical correlations in Hispanic predominant population. A single center study. - Mohamed O Othman, MD

ERCP In The Elderly - Marc Zuckerman, MD

Initial Experience of Capsule Endoscopy at Thomason General Hospital – Marc Zuckerman, MD

Streptococcus bovis and gastrointestinal disease in a U.S. - Mexico border city. - Marc Zuckerman, MD

Measuring Gastroparesis Symptom Severity – Irene Sarosiek, MD

Food Intake and Eating Habits in Individuals with Gastroparesis – Irene Sarosiek, MD

Etiologies of Nausea and Vomiting in a Predominantly Hispanic Population of Patients Referred to TTUHSC GI Motility Clinic – Irene Sarosiek, MD

An Investigation of Cytokines as Potential Biomarkers for Gastroparesis and its Ethnic Differences in Diabetic Patients. - Irene Sarosiek, MD

Cyclic Vomiting Syndrome: An Analysis of a Commonly Misdiagnosed Entity- Richard McCallum, MD

Radionuclide Gastric Emptying Before And After Consensus Recommendations: A Comparative Study Eight-Year Experience At Texas Tech University HSC El Paso - Richard McCallum, MD

Enterra Therapy: Gastric Electrical Stimulation (GES) System Humanitarian Device Exemption- Richard McCallum, MD

Single Center IND to obtain access to Domperidone for GI disorders – Richard McCallum, MD

The prevalence and clinical implications of gastroparesis in El Paso County, Texas - Irene Sarosiek, MD

Search for Clinical presentation Related to Cannabinoid use in a Predominantly Hispanic Population of Patients, its Potential Practical Implications - Irene Sarosiek, MD

Retrospective Analysis of Candidemia: The Candida Score - Ogechika Karl Alozie, MD MPH

Metabolic Syndrome and Subclinical Atherosclerosis in Hispanics with HIV- Ogechika Karl Alozie, MD MPH

Chronic Hepatitis C: A Retrospective Assessment of HCV Demographics and Risk Factors in Patients Attending Clinic at TTUHSC - El Paso - Ogechika Karl Alozie, MD MPH

Hepatitis C Benchmarking/Registry Project - Ogechika Karl Alozie, MD MPH

A retrospective chart-review investigating the efficacy of hospital policies in preventing catheter-associated urinary tract infections. - Ogechika Karl Alozie, MD MPH

Stage and Characteristic of Patients with Newly Diagnosed Breast Cancer at TTUHSC Breast Cancer Clinic El Paso - Zeina Nahleh, MD

Launching a Breast Cancer Survivorship Program at TTUHSC-Paul Foster School of Medicine in El Paso - Zeina Nahleh, MD

Effect of chemotherapy on markers of metabolic syndrome in early breast cancer. – Sumit Gaur, MD

Clinical features and prognosis of CD20 negative diffuse large B cell lymphoma. – Sumit Gaur, MD

Clinical features and gene expression signatures associated with bone marrow fibrosis in chronic myeloid leukemia. – Sumit Gaur, MD

Comparison of usual care of older hospitalized patients to those cared for in an Acute Care for Elders (ACE) unit – Paul Casner, MD, PhD

The role of lead exposure in the progression of Chronic Kidney Disease (CKD) in patients in the El Paso region. The Paso del Norte Kidney Disease Study (PNKDS) Wave two. - German Hernandez, MD

Dialysate Base Concentration and Mortality in Maintenance Hemodialysis Patients. - German Hernandez, MD

Clinical Presentation and Outcomes among predominantly Hispanic patients with Lupus Nephritis. – German Hernandez, MD

Retrospective analysis of Incidence of New Onset of Atrial Fibrillation and its relation to the pacing mode in Patients with permanent Pacemakers. - Zainul Abedin, MD

The Role of electrolyte abnormalities in Failed Spontaneous Breathing trial (SBT) in Mechanically Ventilated Patients: A retrospective Cohort Study. - Juan Figueroa-Casas, MD

Inter-observer agreement for Spontaneous Breathing Trial qualitative variable. - Juan Figueroa-Casas, MD

PEEP titration in Acute Lung Injury - Juan Figueroa-Casas, MD

Prediction of Duration of Mechanical Ventilation- Juan Figueroa-Casas, MD

Retrospective Study: Evaluation of Diabetic Foot Exams in the Ambulatory Setting for Quality Systems Improvement – Tamis Bright, MD

Helicobacter pylori as a potential risk factor for colonic neoplasms in predominantly Hispanic population of patients. Jerzy Sarosiek, MD, PhD

Thromboembolism risk evaluation following Bioprosthetic Valve Replacement - Tariq Siddiqui, MD

Pharmaceutically Sponsored Clinical Research Studies

Open, Active Clinical Trials (As of August 2013)

- **A Phase 2, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Safety and Efficacy of RM-131 Administered to Patients with Diabetic Gastroparesis** - Rhythm Pharmaceuticals, Inc.- Richard McCallum, MD
- **A multi-center, intra-patient dose escalation phase II study to evaluate the preliminary efficacy, safety and pharmacokinetics of pasireotide (SOM230) subcutaneous (s.c.) followed by pasireotide LAR in patients with dumping syndrome** - Novartis Pharmaceuticals - Richard McCallum, MD
- **A Multicenter, Randomized, Double Blind, Placebo Controlled Study to Evaluate the Efficacy, Safety, and Tolerability of BIIB023 in Subjects with Lupus Nephritis**- Biogen Idec – German Hernandez, MD
- **A Multicenter, Randomized, Active-Control, Phase 3B Study to Evaluate the Cardiovascular Safety of Febuxostat and Allopurinol in Subjects with Gout and Cardiovascular Comorbidities** - Takeda Global Research and Development Center, Inc. - Kanchan Pema, MD
- **The Effect of Lubiprostone on Transit Times within the Alimentary Tract, Measured by Novel SmartPill Methodology in Patients with Chronic Constipation.** - Takeda Global Research and Development Center, Inc - Irene Sarosiek, MD
- **A randomized, double-blind, placebo-controlled, parallel group, multicenter study to evaluate cardiovascular outcomes during treatment with lixisenatide in type 2 diabetic patients after an Acute Coronary Syndrome Event Short Title: ELIXA (Evaluation of LIXisenatide in Acute coronary syndrome)**- Sanofi - Tamis Bright, MD
- **A Randomized, Double-blind, Placebo-controlled, Phase 3 Study to Evaluate the Efficacy, Safety, and Tolerability of JNJ-27018966 in the Treatment of Patients With Diarrhea-Predominant Irritable Bowel Syndrome.** – Furiex Pharmaceuticals.- Marc Zuckerman, MD
- **A Phase III, Randomized, Multicenter, Double-Blind, Double Dummy, Parallel Group, Comparative Study to Determine the Efficacy, Safety, and Tolerability of Ceftazidime Avibactam (CAZ-AVI, formerly CAZ104) Versus Doripenem Followed by Appropriate Oral Therapy in the Treatment of Complicated Urinary Tract Infections, Including Acute Pyelonephritis, With a Gram Negative Pathogen in Hospitalized Adults** - AstraZeneca - Ogechika Karl Alozie, MD MPH
- **A Phase III Randomized, Double-blind, Placebo-controlled Trial Comparing Capecitabine Plus Sorafenib Versus Capecitabine Plus Placebo in the Treatment of Locally Advanced or Metastatic HER2-Negative Breast Cancer.** Bayer Pharmaceuticals – Zeina Nahleh, MD
- **Strategies Using Darbepoetin alfa to Avoid Transfusions in Chronic Kidney Disease: START-CKD** – Amgen Pharmaceuticals – Azikiwe Nwosu, MD
- **Randomized, single-blind study to estimate the effect of patient education on reported bone pain in breast cancer patients receiving chemotherapy and pegfilgrastim.** Amgen Pharmaceuticals – Zeina Nahleh, MD
- **A phase III randomized, double blind, placebo controlled study of BKM120 with fulvestrant, in postmenopausal women with hormone receptor-positive HER2-negative AI treated, locally**

advanced or metastatic breast cancer who progressed on or after mTOR inhibitor based treatment
– Novartis Pharmaceuticals - Zeina Nahleh, MD

- **A Randomized, Double-blind, Placebo-controlled Study to Evaluate the Long-term Safety and Efficacy of Darbapoetin Alfa Administered at 500 micro-grams Once-Every-3-Weeks in Anemic Subjects With Advanced Stage Non-small Cell Lung Cancer Receiving Multi-cycle Chemotherapy**
– Amgen- Zeina Nahleh, MD
- **A Study To Assess Repeat Treatment Efficacy And Safety Of Rifaximin 550 Mg Tid In Subjects With Irritable Bowel Syndrome With Diarrhea (Ibs-D)** – Salix Pharmaceuticals – Richard McCallum, MD
- **A Phase III Randomized, Double Blind, Placebo-controlled, Multicenter, Parallel Group Study to Assess the Efficacy and Safety of Fixed-dose Combination RHB-104 in Subjects with Moderately to Severely Active Crohn’s Disease** – RedHill Biopharma – Richard McCallum, MD
- **A Randomized, Double-Blinded, Active-Controlled Study of CB-183,315 in Patients with Clostridium difficile Associated Diarrhea** - Cubist Pharmaceuticals, Inc – Marc Zuckerman, MD

Oncology Clinical Trials Cooperative Group

- **A Randomized Placebo-Controlled Trial of Omega-3-Fatty Acid for the Control of Aromatase Inhibitor-Induced Musculoskeletal Pain and Stiffness in Women with Early Stage Breast Cancer, Phase III** – SWOG - (formerly the Southwest Oncology Group) – Zeina Nahleh, MD.
- **A Phase III, Randomized Clinical Trial of Standard Adjuvant Endocrine Therapy +/- Chemotherapy in Patients with 1-3 Positive Nodes, Hormone Receptor-Positive and HER2-Negative Breast Cancer with Recurrence Score (RS) of 25 or Less. RxPONDER: A Clinical Trial Rx for Positive Node, Endocrine Responsive Breast Cancer** - SWOG - (formerly the Southwest Oncology Group) – Zeina Nahleh, MD.
- **A Randomized Placebo-Controlled Phase Iii Study Of Duloxetine For Treatment Of Aromatase Inhibitor (Ai)-Associated Musculoskeletal Symptoms In Women With Early Stage Breast Cancer** - SWOG - (formerly the Southwest Oncology Group) – Zeina Nahleh, MD.
- **A Randomized Placebo-Controlled Trial of Omega-3-Fatty Acid for the Control of Aromatase Inhibitor-Induced Musculoskeletal Pain and Stiffness in Women with Early Stage Breast Cancer, Phase III.** - SWOG - (formerly the Southwest Oncology Group) – Zeina Nahleh, MD.
- **BRCA1 and BRCA2 Mutations and Triple Negative Disease in Hispanic/Latino Breast Cancer Subjects** – National Cancer Institute (NCI) -Zeina Nahleh, MD.

Pharmaceutically Sponsored Clinical Research Studies

Completed Clinical Trials

(close date between 1 Sept 2012 – 31 Aug 2013)

A GSK1349572 Open Label Protocol for HIV infected, Adult Patients with Integrase Resistance- Expanded Access Programme (EAP) for Patients with HIV – GlaxoSmithKline - Ogechika Alozie, MD MPH

A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Evaluation of the Efficacy and Safety of Once-Daily Administrations of TZP 102 for the Treatment of Symptoms Associated with Diabetic Gastroparesis - Tranzyme Pharmaceuticals – Richard McCallum, MD

A Phase 3b, Multicenter, Randomized, Single-blind, Parallel Group Trial of the Effects of Titrated Oral SAMSCA (Tolvaptan) 15, 30, or 60 mg QD Compared to Placebo Plus Fluid Restriction on Length of Hospital Stay and Symptoms in Subjects Hospitalized with Dilutional Hyponatremia.- Otsuka Pharmaceuticals - Azikiwe Nwosu, MD

A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Elvitegravir/Cobicistat/Emtricitabine/ Tenofovir Alafenamide Versus Elvitegravir/Cobicistat/ Emtricitabine/Tenofovir Disoproxil Fumarate in HIV-1 Positive, Antiretroviral Treatment-Naïve Adults - Gilead Sciences - Ogechika Karl Alozie, MD MPH

Therapies for Resistant Focal Segmental Glomerulosclerosis (FSGS) A Phase II Clinical Trial - NIH/NIDDK - German Hernandez, MD

A 12-Week, Randomized, Double-Blind, Placebo-Controlled Study of Asimadoline in Subjects With Diarrhea-Predominant Irritable Bowel Syndrome - Tioga Pharmaceuticals – Marc Zuckerman, M.D