

# Annual Research Productivity Report



TEXAS TECH UNIVERSITY  
HEALTH SCIENCES CENTER<sup>®</sup>  
*at El Paso*

**Paul L. Foster School of Medicine**

**Department of Internal Medicine**  
**FY 2012**  
**1 September 2011 – 31 August 2012**

Prepared by:  
Sean M. Connery

Dear Friends—

I am very pleased to bring to you the annual Internal Medicine departmental research productivity report for FY12. The Department had a banner year with 63 peer reviewed publications, several textbooks chapters and number of regional and national presentations. Let me take this opportunity to congratulate our faculty who despite a 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 and residents 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 2011-2012\*

### TTUHSC Dept of Internal Medicine Faculty Member

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

### Peer Review Publications

#### Journal Articles

- 1) Alvarez AM, **Mukherjee D**. [Liver abnormalities in cardiac diseases and heart failure](#). Int J Angiol. 2011 Sep;20(3):135-42.
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- 6) Chu H, Lin Z, Zhong L, **McCallum RW**, Hou X. [Treatment of high-frequency gastric electrical stimulation for gastroparesis](#). J Gastroenterol Hepatol. 2012 Jun;27(6):1017-26.
- 7) Dias A, Garcia C, Majewski M, Wallner G, **McCallum RW**, Poplawski C, **Sarosiek J**. [Gastric juice prostaglandins and peptide growth factors as potential markers of chronic atrophic gastritis, intestinal metaplasia and gastric cancer: their potential clinical implications based on this pilot study](#). Dig Dis Sci. 2011 Nov;56(11):3220-5.
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- 18) Hejazi RA, **McCallum RW**, **Sarosiek I**. [Prokinetics in diabetic gastroparesis](#). *Curr Gastroenterol Rep*. 2012 Aug;14(4):297-305.
- 19) **Hernandez G**, Sippel M, **Mukherjee D**. [Interrelationship between Chronic Kidney Disease and Risk of Cardiovascular Diseases](#). *Cardiovasc Hematol Agents Med Chem*. 2012 Jun 20. [Epub ahead of print]
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- 38) Parise P, Rosati R, Savarino E, Locatelli A, Ceolin M, Dua KS, Tatum RP, Braghetto I, Gyawali CP, Hejazi RA, **McCallum RW**, **Sarosiek I**, et al. [Barrett's esophagus: surgical treatments.](#) *Ann NY Acad Sci.* 2011 Sep;1232:175-95.
- 39) Parkman HP, Yates K, Hasler WL, Nguyen L, Pasricha PJ, et al, ... **McCallum RW**, et al. National Institute of Diabetes and Digestive and Kidney Diseases Gastroparesis Clinical Research Consortium. [Similarities and differences between diabetic and idiopathic gastroparesis.](#) *Clin Gastroenterol Hepatol.* 2011 Dec;9(12):1056-64; quiz e133-4.
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- 43) **Porres-Aguilar M**, Fernandez G, Elliott CG. [Cardiopulmonary hemodynamic clues for pulmonary vein stenosis diagnosis.](#) *Pulm Circ.* 2011 Oct;1(4):499-500.
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- 45) 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 Jan 18. [Epub ahead of print]
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- 47) Sandoval J, Torbicki A, Souza R, Ramirez A, Kurzyna M, et al; STRIDE-4 investigators. Collaborators (44): Bautista E, ... **Porres Aguilar M**, et al. [Safety and efficacy of sitaxsentan 50 and 100 mg in patients with pulmonary arterial hypertension.](#) *Pulm Pharmacol Ther.* 2012 Feb;25(1):33-9.
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- 50) **Seethala S**, Mezu UL, Němec J. [Incessant tachycardia with borderline QRS duration, short HV interval, and left ventricular dysfunction: What is the mechanism?](#) *Heart Rhythm.* 2012 Jun 21. [Epub ahead of print]



- 51) Sharma A, Chatterjee S, Lichstein E, **Mukherjee DJ**. [Extended thromboprophylaxis for medically ill patients with decreased mobility-does it improve outcomes?](#) *Thromb Haemost.* 2012 Aug 2. [Epub ahead of print]
- 52) 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 Jun 10. [Epub ahead of print]
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- 57) **Tolouian R**, Alhamad T, Farazmand M, Mulla ZD. [The correlation of hip fracture and hyponatremia in the elderly.](#) *J Nephrol* 2012; 25(5): 789 – 793.
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- 59) Wayne TF, Saha S, Quevedo K, **Mukherjee D**. [Optimal Medical Therapy for Coronary Artery Disease in 2011 – Perspectives from the STICH Trial.](#) *Cardiovasc Hematol Agents Med Chem* 9(4):269-276, December 2011.
- 60) Wo JM, Ejksjaer N, Hellström PM, Malik RA, Pezzullo JC, Shaughnessy L, Charlton P, Kosutic G, **McCallum RW**. [Randomised clinical trial: ghrelin agonist TZP-101 relieves gastroparesis associated with severe nausea and vomiting--randomised clinical study subset data.](#) *Aliment Pharmacol Ther.* 2011 Mar;33(6):679-88.
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- 63) 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.



## Review Articles

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2. Abdi R, **Sandroni S**, **Tolouian R**. [The inception and formation of the theory of hyperfiltration through the ages](#). *Iran J Kidney Dis*. 2012 Mar;6(2):94-7.
3. **Chamberlin W**, Borody TJ, Campbell J. [Primary treatment of Crohn's disease: combined antibiotics taking center stage](#). *Expert Rev Clin Immunol*. 2011 Nov;7(6):751-60.
4. **Chiodini RJ**, **Chamberlin WM**, **Sarosiek J**, **McCallum RW**. [Crohn's disease and the mycobacterioses: a quarter century later. Causation or simple association?](#) *Crit Rev Microbiol*. 2012 Feb;38(1):52-93.
5. Hejazi RA, **McCallum RW**. [Review article: cyclic vomiting syndrome in adults--rediscovering and redefining an old entity](#). *Aliment Pharmacol Ther*. 2011 Aug;34(3):263-73.
6. **Mukherjee D**. [Review: Enoxaparin during PCI is better than unfractionated heparin for reducing mortality in coronary heart disease](#). *Ann Intern Med* 2012 May;156:JC5-02.
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9. Vera-Lastra O, **Porres-Aguilar M**. [Pulmonary arterial hypertension associated with systemic sclerosis: Current diagnostic approach and therapeutic strategies](#). *World J Rheumatol* 2012 June 28; 2(2): In Press.

## Abstracts

- 1) Ali S, Tiscareno-Grejada I, Locovei S, Smiley R, Colins T, **Sarosiek I**, **Sarosiek J**, **McCallum R**. [Gender and Estradiol as Major Factors in the Expression and Dimerization of nNOS \$\alpha\$  in Rats With Experimental Diabetic Gastroparesis](#). *Gastroenterology* 2012;142(5) Supplement 1:S-897.
- 2) Alvarez A, Garcia C, Boman D, **Zuckerman M**. [Streptococcus bovis bacteremia: Association with gastrointestinal and liver disease](#). *Am J Gastroenterol* 2011;106(Suppl 2):S317.
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- 11) Chatterjee S, Moeller C, Shah N, Bolorunduro O, Moskovits N, Lichstein E, and **Mukherjee D**. An Indirect Pooled Comparison of Clinical Endpoints with Eplerenone and Other Aldosterone Antagonists in Heart Failure-A Systematic Review. (Presented at the 61<sup>st</sup> Scientific session of the American College of Cardiology, Chicago, March 2012) J Am Coll Cardiol 2012;59(13):Suppl A:A526.
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## Resident Research Activity

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[Hejazi RA](#), Parkman HP, [McCallum RW](#). [Postsurgical Gastroparesis](#). In Parkman HP, [McCallum RW](#), editors. [Gastroparesis: Pathophysiology, Presentation and Treatment](#). 1<sup>st</sup> ed. New York; Human Press; 2012. p 191-204.

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[Hejazi RA](#), [McCallum RW](#). [Breath Tests for Small Intestine Bacterial Overgrowth](#). In Parkman HP, [McCallum RW](#), Rao SSC, editors. [GI Motility Testing. A Laboratory and Office Handbook](#). Thorofare, NJ: SLACK Incorporated; 2011. p 147-152.

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

[Blandon J](#). [New Resident Work-Hour Restrictions: Good or Bad for Training?](#) Cardiology Review. 2011 Aug; 27(1): 34-35.:637-40.

**Blandon J.** [Impact of Dietary Chocolate on Patients With Heart Failure.](#) Cardiology Review. April 2012, 28;2:20-2.

**Blandon J.** [Impact of Coffee Consumption on Stroke.](#) Cardiology Review. August 2012 **Hejazi RA,** Lavenbarg TH, **McCallum RW.** [Elevated serum ghrelin levels in adult patients with cyclic vomiting syndrome.](#) Am J Gastroenterol. 2011 Oct;106(10):1858-9.

**Patham B,** Plavsic SK. [Reshaping pre-clerkship years in reproductive medicine education.](#) J Perinat Med. 2011 Nov;39(6)

**Quevedo, KK.** [Use of Secondary Prevention Drugs for Cardiovascular Disease in the Community.](#) Cardiology Review. Feb 2012.

**Quevedo, KK.** [ADHD Medications and Risk of Serious Cardiovascular Events.](#) Cardiology Review. Cardiology Review. April 2012.

**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. doi: 10.1038/ki.2012.124. PMID:22743563

## OPEN, ACTIVE, ONGOING RESEARCH

### Investigator Initiated Research Studies GRANT FUNDED FY12

- **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**
  - *Gastroparesis Registry 2 (GpR 2): Continuation of the NIDDK Registry for the Characterization and Clinical Course of Gastroparesis Patients*
  - *Nortriptyline for Idiopathic Gastroparesis: A Multicenter, Randomized, Double-Masked, Placebo-Controlled Trial (NORIG)*
  - *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)*
- **The Effect of Lubiprostone on Transit Times within the Alimentary Tract, Measured by Novel SmartPill Methodology in Patients with Chronic Constipation.** PI – Irene Sarosiek, MD. [Takeda Pharmaceuticals North America, Inc.](#) Aug 2011. **\$108,301**
- **The Impact of Lubiprostone on Mucus Secretion in Asymptomatic Volunteers and Patients with Chronic Constipation.** PI – Jerzy Sarosiek, MD, PhD. [Takeda Pharmaceuticals North America, Inc.](#) Aug 2011. **\$133,685**
- **A Prospective Study of the Risk of Bacteremia in directed Cholangioscopic examination of the CBD.** PI - Mohamed O Othman, MD. Mentors: Marc J Zuckerman, MD, Co- investigators: Marc J Zuckerman, MD, Richard W. McCallum, MD, Richard Guerrero, MD, Brian Davis, MD. “Smaller Programs” [Clinical Research Award from the American College of Gastroenterology](#). Feb 2012. **\$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**
- **Genomic Characterization of Diabetic Gastroparesis** – PI – Irene Sarosiek, MD, Sub-I Dianne Mitchell, PhD. [DCC Pilot and Feasibility Opportunities in 2012](#). 16 July 2012 - 15 July 2015. **\$99,999.00.**

#### Department of Internal Medicine Internal Seed Grant Funded

##### Cycle 1

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

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

##### Cycle 2

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

**Prediction of Duration of Mechanical Ventilation.** – Juan Figuero-Casas, MD.

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

## Investigator Initiated Research Studies

*Unfunded*

- ❖ **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
- ❖ **Prevalence and Prognostic Implications of Anemia in Heart Failure.** - Debabrata Mukherjee, MD
- ❖ **The cellularity yield of three different 22-gauge Endoscopic Ultrasound Fine needle aspiration needles.** Mohamed O Othman, MD
- ❖ **A retrospective-chart-review investigating the efficacy of hospital policies in preventing catheter-associated urinary tract infections.** Ogechika Alozie, MD MPH
- ❖ **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
- ❖ **The Prevalence of Helicobacter Pylori in Colonization and Possible Clinical Outcomes Among Predominantly Hispanic Population of Resident Physicians at TTUHSC El Paso, TX.** Irene Sarosiek, MD.
- ❖ **Food Intake and Eating Habits in Individuals with Gastroparesis.** Irene Sarosiek, MD Sub-I, Ines Anchondo
- ❖ **Etiologies of Nausea and Vomiting in a Predominantly Hispanic Population of Patients Referred to TTUHSC GI Motility. Clinic.** Irene Sarosiek, MD
- ❖ **Retrospective Analysis of Candidemia: The Candida Score.** Ogechika Alozie, MD MPH.
- ❖ **Infective endocarditis in a Southwestern American border Hospital – 5 years (2006-2010) study.** Debabrata Mukherjee, MD
- ❖ **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.
- ❖ **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
- ❖ **An Investigation of Cytokines as Potential Biomarkers for Gastroparesis and its Ethnic Differences in Diabetic Patients.** 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.
- ❖ **Evaluation of pyrophosphate (PPi) levels in Ultrafiltrate fluid in subjects receiving intravenous iron during hemodialysis.** Ramin Tolouian, MD.



- ❖ **Chronic Hepatitis C: A Retrospective Assessment of HCV Demographics and Risk Factors in Patients Attending Clinic at TTUHSC - El Paso.** Ogechika Alozie, MD MPH
- ❖ **Banking of Tissue and Establishing Continuous Cell Lines and Xenografts from Neoplasia.** Patrick C. Reynolds, MD PhD – El Paso PI Zeina Nahleh, MD.
- ❖ **Enterra Therapy: Gastric Electrical Stimulation (GES) System Humanitarian Device Exemption.** Richard McCallum, MD and Irene Sarosiek, MD.
- ❖ **Qualitative and Quantitative Assessment of Infectious Agents in Inflammatory Bowel Disease –** Rod Chiodini, PhD.
- ❖ **Corrected QT interval Change in Acute Coronary Syndrome** - Srikanth Seethala, MD, MPH
- ❖ **Prevalence of Diabetes among patients with diastolic dysfunction Referred to University Medical Center** - Debabrata Mukherjee, MD
- ❖ **A retrospective evaluation of the association of diabetic ketoacidosis (DKA) and hyperbilirubinemia in adults admitted to the medical intensive care unit.** - Manuel Rivera, MD.
- ❖ **The Relationship Between Restorative Impact of Rabeprazole on Salivary and Gastric Mucus and Mucin Production Impairment during Naproxen Administration and Salivary and Gastric Epidermal Growth Factor (EGF) Secretion and EGF Gene Polymorphism: Its Potential Clinical Significance.** – Jerzy Sarosiek, MD, PhD.
- ❖ **Accuracy of portable chest radiograph in acute respiratory failure.** - Juan Figueroa, MD.
- ❖ **Depression as a predictor of in-hospital morbidity and mortality in patients admitted to the Cardiovascular Intensive Care Unit (CVICU) at University Medical Center (UMC).** - Debabrata Mukherjee, MD
- ❖ **Marinobufagenin Levels in Early vs Advanced Diabetic Kidney Disease.** – Ramin Tolouian, MD
- ❖ **Can Learning During the Internal Medicine Clerkship Be Enhanced by Weekly Quizzes? A Pilot Study of a Revised Learning/Testing Strategy.** – Harry Davis II, MD.
- ❖ **Clinical features and prognosis of CD20 negative diffuse large B cell lymphoma.** - Sumit Gaur, MD.
- ❖ **Descriptive Epidemiology and Ethnic (Hispanic versus non-Hispanic) Comparison of Gastric Cancer Incidence in the State of Texas and El Paso County for the Period 1995 through 2006** - Zuber Mulla, PhD and Javier Corral, MD
- ❖ **Comparison of the Risk of Bacteremia Due to Sclerotherapy or Ligation of Esophageal Varices.** – Marc Zuckerman, MD
- ❖ **Initial Experience of Capsule Endoscopy At University Medical Center of El Paso.** – Marc Zuckerman, MD.
- ❖ **ERCP In The Elderly** – Marc Zuckerman, MD
- ❖ **Changing patterns of Microbe Resistance in a Public Hospital (Robert Ewing Thomason Hospital)** – Armando Meza, MD
- ❖ **PEEP titration in Acute Lung Injury** – Juan Figueroa-Casas, MD
- ❖ **Comparison between two methods of spontaneous breathing trial** – Juan Figueroa-Casas, MD

- ❖ **Case Control Study Of West Nile Virus Encephalitis in a border town Hospital** – Armando Meza, MD
- ❖ **Review of a series of renal biopsies presenting crescentic glomerulonephritis in a hispanic based population at the US - Mexico border. Clinical Presentation and Outcomes among predominantly Hispanic patients with Lupus Nephritis.** – German Hernandez, MD
- ❖ **The Incidence of Acute Myocardial Infarction After the Institution of A Comprehensive Non-Smoking Ban in El Paso** – Armando Meza, MD.
- ❖ **Urine PH in patients taking Proton Pump Inhibitors (PPs)** – Ramin Tolouian, MD
- ❖ **Application of Appropriateness Criteria to Single-Photon Emission Computed Tomography (SPECT) Myocardial perfusion imaging in a University Medical Center** – Omosalewa Lalude, M.D
- ❖ **Retrospective surveillance of the Incidence, clinical features and complications of Clostridium Difficile Associated Disease (CDAD) in a predominant Hispanic population review during the period of 2006-2008. A Texas Tech University Health Science Center - El Paso Campus- and Thomason General Hospital Study** – Armando Meza, MD

❖ **Pharmaceutically Sponsored Clinical Research Studies**  
*Open, Active Clinical Trials (As of August 2012)*

- **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.
- **Therapies for Resistant Focal Segmental Glomerulosclerosis (FSGS) A Phase II Clinical Trial** - German Hernandez, MD, NIH/NIDDK.
- **A Open–Label, Long-Term Safety Study of Oral Linaclotide Administered to Patients with Chronic Constipation or Irritable Bowel Syndrome With Constipation** – Marc Zuckerman, MD – Ironwood Pharmaceuticals
- **The Effect of Lubiprostone on Transit Times within the Alimentary Tract, Measured by Novel SmartPill Methodology in Patients with Chronic Constipation.** Irene Sarosiek, MD Takeda Global Research and Development Center, Inc.
- **A Multicenter, Randomized, Active-Control, Phase 3B Study to Evaluate the Cardiovascular Safety of Febuxostat and Allopurinol in Subjects with Gout and Cardiovascular Comorbidities** – Kanchan Perna, MD. Takeda Global Research and Development Center, Inc.
- **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.** – Azikiwe Nwosu, MD, Pedro Blandon, MD - Otsuka Pharmaceuticals
- **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.** – Marc Zuckerman, MD. Furiex Pharmaceuticals.
- **A GSK1349572 Open Label Protocol for HIV infected, Adult Patients with Integrase Resistance.** - Ogechika Alozie, MD MPH – GlaxoSmithKline.
- **A Multicenter, Randomized, Double Blind, Placebo Controlled Study to Evaluate the Efficacy, Safety, and Tolerability of BIIB023 in Subjects with Lupus Nephritis.** – German Hernandez, MD – Biogen Idec Pharmaceuticals.
- **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 .** – Richard McCallum, MD and Irene Sarosiek, MD - Tranzyme Pharmaceuticals.
- **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).** Tamis Bright, MD and Amer Abbas, MD. – Sanofi Pharmaceuticals.

## **Pharmaceutically Sponsored Clinical Research Studies**

### ***Completed Clinical Trials***

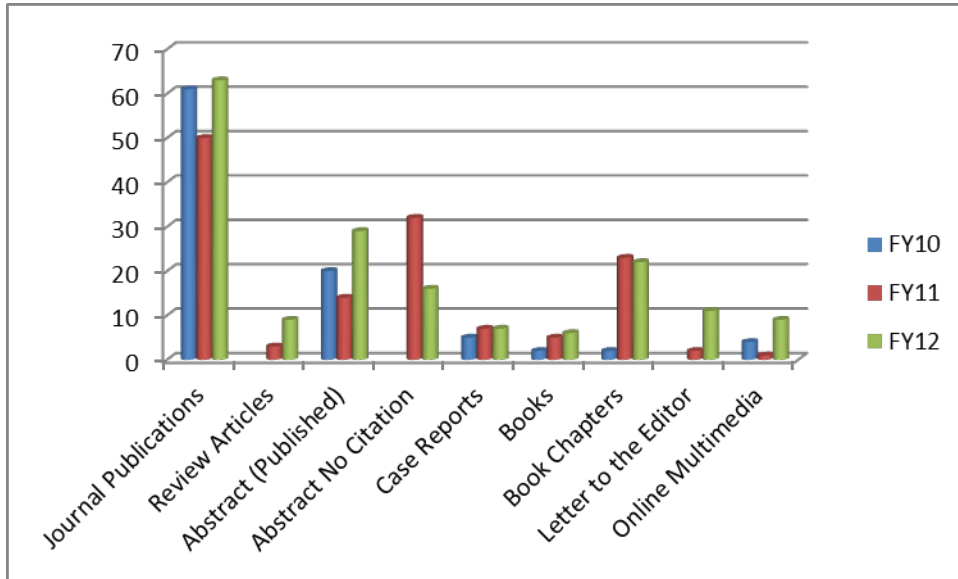
*(close date between 1 Sept 2011 – 31 Aug 2012)*

- **A 12-Week, Randomized, Double-Blind, Placebo-Controlled Study of Asimadoline in Subjects With Diarrhea-Predominant Irritable Bowel Syndrome** - Marc Zuckerman, MD. Tioga Pharmaceuticals, Inc.
- **A 6-Month, Phase 3, Randomized, Double-Blind, Parallel-Group, Controlled, Multi-Center Study to Evaluate the Incidence of Gastric Ulcers Following Administration of Either PA32540 or Enteric Coated Aspirin 325 mg in Subjects Who Are at Risk for Developing Aspirin-Associated Ulcers.** - Marc Zuckerman, MD. POZEN, Inc.
- **A Phase 2/3 Randomized, Double-blind, Placebo-controlled Study of the Safety and Efficacy of Talactoferrin Alfa in Patients with Severe Sepsis.** - Juan Figueroa, MD. Agenix Pharmaceuticals.
- **A 12-Week, Randomized, Double-Blind, Placebo-Controlled Study of Asimadoline in Subjects With Diarrhea-Predominant Irritable Bowel Syndrome.** - Marc Zuckerman, MD. Tioga Pharmaceuticals, Inc.
- **Transcutaneous Electroacupuncture for the Treatment of Gastroparesis. (TEA)** – Richard McCallum MD, and Irene Sarosiek, MD.
- **Phase III Trial of Continuous Schedule AC + G Vs. 2 Week Schedule AC, Followed by Paclitaxel Given Either Every 2 Weeks or Weekly for 12 Weeks as Post-Operative Adjuvant Therapy in Node-Positive or High-Risk Node Negative Breast Cancer** – Everardo Cobos, MD and Zenia Nhaleh, MD. SWOG.
- **A multicenter, randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of intravenous (IV) ulimorelin administered post-operatively to accelerate recovery of gastrointestinal (GI) motility in subjects who have undergone partial bowel resection.** - Richard McCallum, MD. Tranzyme Pharmaceuticals.

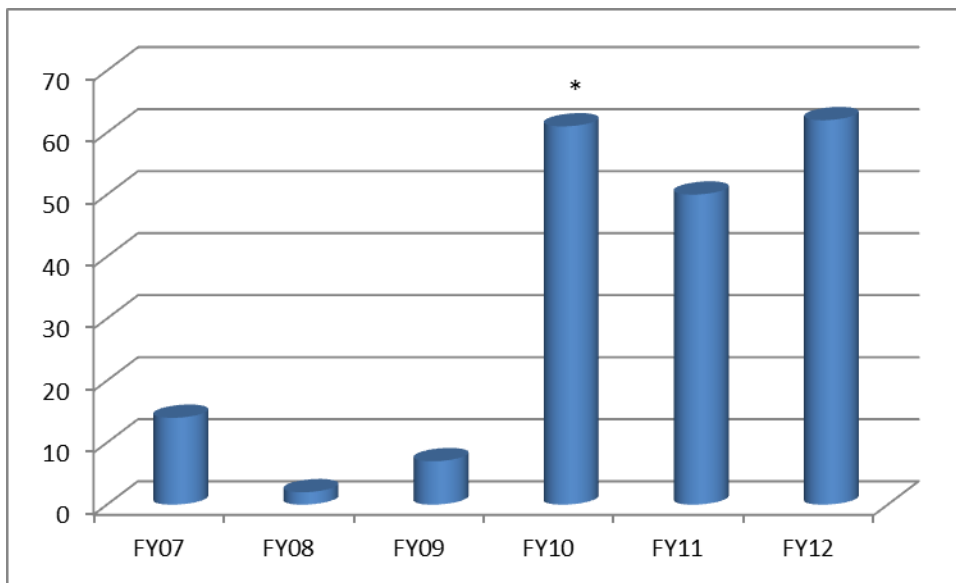
# Appendix A

## Scholarly Activity and Publications History

Dept of Internal Medicine Number of Publications FY 10 to FY12



Publications in Peer Reviewed Journals  
Dept of Internal Medicine FY07 to FY12



\*Change in citation criteria – before FY10 only counted if done at TTUHSC and/or Listed TTUHSC as institution affiliation on publication

**Resident** Publication History  
Dept of Internal Medicine FY 07 to FY 12

