

Annual Research Productivity Report

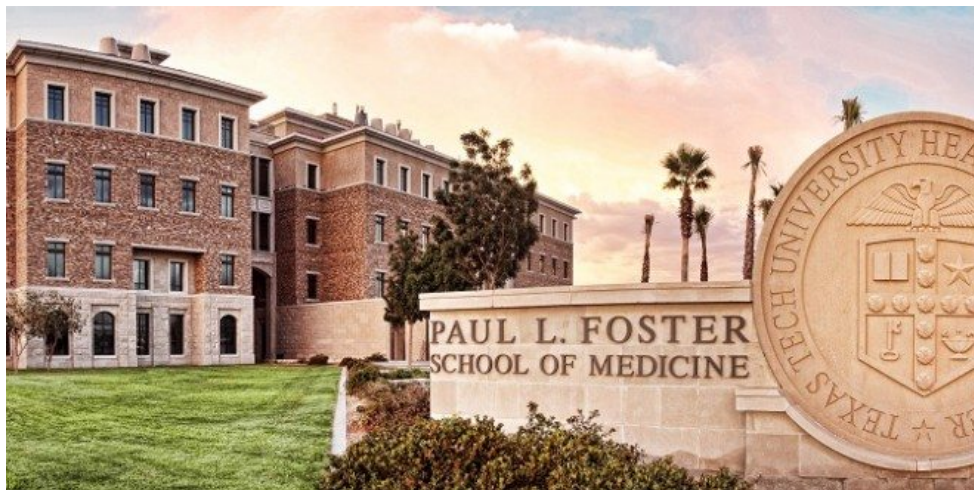


TTUHSC EL PASO

Texas Tech University Health Sciences Center El Paso

DEPARTMENT OF INTERNAL MEDICINE

FOSTER SCHOOL OF MEDICINE



Department of Internal Medicine

2022 Academic Year

1 July 2021 – 30 June 2022



Prepared by: Sean M. Connery

Dear Friends—

I am very pleased to bring to you the **Department of Internal Medicine's Annual Research Productivity Report** for 2022.

First of all, let me take this opportunity to thank our faculty, residents and fellows for their hard work and clinical service during the never-ending COVID-19 pandemic. Our research efforts did not escape the challenges that came with COVID-19, but we weathered the storm well as evidenced by our productivity. The Department had an extremely productive year with **127** peer-reviewed publications (a whopping increase of **41** over last year), a major textbook, **11** textbook chapters and a number of regional and national presentations. While the number of publications remains impressive and is an important metric, what impresses me is the quality of the articles and the high-impact journals they are published in. Let me take this opportunity to congratulate our faculty, residents and fellows, who despite an extremely busy clinical workload these past several months, 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 our house staff remain very productive and reflect their commitment, enthusiasm and also 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. Of note, a **QR** code on the front of this report will take you to the electronic version of this report.

Finally, I wish all of you a fun and productive COVID (BA.5 variant) -FREE fall season!



Debabrata Mukherjee, M.D., M.S.
Chair, Department of Internal Medicine

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IM Faculty Member

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

PUBMED PEER REVIEW PUBLICATIONS

JOURNAL ARTICLES, ORIGINAL INVESTIGATIONS

1. Ahmad M, Maegawa FB, Ashouri Y, Le E, **Mendoza Ladd A, Elhanafi S, Philipovskiy A, Tyroch AH, Konstantinidis IT.** Facility Type Affects Treatment Outcomes for Patients With Mucinous Cystic Neoplasms and Intraductal Papillary Mucinous Neoplasms of the Pancreas. *Pancreas*. 2021 Nov-Dec 01;50(10):1422-1426. PMID: [35041342](#)
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Internal Medicine, Med/Psychiatry Residents
Fellows Gastroenterology and Cardiology
Residents/Fellows (PGY 1-6) – Faculty Mentor

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BOOKS/BOOK CHAPTERS

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GRANT FUNDING

OPEN, ACTIVE, ONGOING RESEARCH

Investigator Initiated Research Studies

GRANT FUNDED FY22

- **Administrative Supplement to Gastroparesis Consortium.** Co-PIs- **Richard McCallum, MD and Irene Sarosiek, MD** National Institutes of Health - National Institute of Diabetes and Digestive and Kidney Diseases (NIH/NIDDK). 09/30/2020 - 08/31/2022 \$147,930
- **Administrative Supplement 2 to Gastroparesis Consortium.** Co-PIs- **Richard McCallum, MD and Irene Sarosiek, MD** National Institutes of Health - National Institute of Diabetes and Digestive and Kidney Diseases (NIH/NIDDK). 09/30/2020 - 08/31/2022 \$133,333
- **Effects of COVID-19 in Patients with Gastroparesis: A GpCRC Supplement.** Co-PIs- **Richard McCallum, MD and Irene Sarosiek, MD** National Institutes of Health - National Institute of Diabetes and Digestive and Kidney Diseases (NIH/NIDDK). Sub-Award Temple University – 09/01/2020 – 08/31/2022 \$26,325
- **Saving Sight, Improving Diabetic Eye Screening.** PI **Tamis Bright, MD.** DKBmed/Regeneron - 07/01/2021 06/30/2022 \$170,000
- **Differences in Myocardial Steatosis** PI: **Deborah Clegg, PhD.** DHHS - National Heart Lung and Blood Institute – 02/01/2021 – 01/31/2023 \$23,951
- **Improving the Delivery of Cancer care in Medically Underserved Communities.** PI **Sumit Gaur, MD** Stavros Niarchos Foundation. Conquer Cancer/ASCO foundation. 2019-2022. ASCO QI program – In Kind Program Support.

Department of Internal Medicine Pilot Small Projects Funded - Cycle 12

Drs. Deoker & Hechanova: **Influencing the Impact of Medical Language Barriers in a Multilingual Population**

Dr. Dihowm: **Evaluating the impact of algorithms on the frequency of ordered lab work by IM residents**

Dr. Hechanova: **Introduction of Point of Care Ultrasound Curriculum to Increase Resident Exposure, Knowledge, Usability, and Competence (POCUS Study)**

Dr. Irene Sarosiek: **Correlation of the findings of two diagnostic tests (gastric scintigraphy and electrogastrography) with recordings obtained by utilization of the MoPill Motility Capsule System in healthy volunteers**

Pharmaceutically Sponsored Clinical Research Studies Open, Active Clinical Trials

- **A Phase 3, Randomized, Double-Blind, Two-Phase, Multicenter Study to Evaluate the Efficacy and Safety of Vonoprazan 20 mg Compared to Lansoprazole 30 mg for Healing in Patients with Erosive Esophagitis and to Evaluate the Efficacy and Safety of Vonoprazan (10 mg and 20 mg) Compared to Lansoprazole 15 mg for the Maintenance of Healing in Patients with Healed Erosive Esophagitis.** Pharmaceutical Sponsor: Phathom Pharmaceuticals, Inc. Site Investigator: **Marc Zuckerman, MD**
- **A Phase 3 Randomized Multicenter Study to Evaluate the Efficacy and Safety of Open-Label Dual Therapy with Oral Vonoprazan 20 mg or Double-Blind Triple Therapy with Oral Vonoprazan 20 mg Compared to Double-Blind Triple Therapy with Oral Lansoprazole 30 mg Daily in Patients with Helicobacter Pylori Infection.** Pharmaceutical Sponsor: Phathom Pharmaceuticals, Inc. Site Investigator: **Marc Zuckerman, MD**
- **A Phase III, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Efficacy and Safety of GDC-0077 Plus Palbociclib and Fulvestrant Versus Placebo Plus Palbociclib and Fulvestrant in Patients with PIK3CA-Mutant, Hormone Receptor Positive, HER2-Negative Locally Advanced or Metastatic Breast Cancer.** Pharmaceutical Sponsor: Genentech, Inc. Roche Group, Syneos Health, LLC, F. Hoffmann-La Roche Ltd. Site Investigator: **Sumit Gaur, MD**
- **A Phase 3 Randomized Controlled Study of Renal Autologous Cell Therapy (REACT) In Subjects With Type 2 Diabetes And Chronic Kidney Disease.** Pharmaceutical Sponsor: ProKidney Site Investigator: **Adeel Ahmad, MD**
- **A Phase 3, Randomized, Double-Blind, Multicenter Study to Evaluate the Efficacy and Safety of Vonoprazan 10 and 20 mg Compared to Placebo for Relief of Heartburn in Subjects with Symptomatic Non-Erosive Gastroesophageal Reflux Disease (NERD) After 4 Weeks and to Evaluate the Efficacy and Safety of Vonoprazan 10 and 20 mg for Relief of Heartburn in Subjects with NERD After 6 Months**

Pharmaceutical Sponsor: Phathom Pharmaceuticals, Inc. Site Investigator: **Zuckerman, Marc, M.D.**

- **Clinical Validation of An Optimized Multi-Target Stool DNA (mt-sDNA 2.0) Test, for Colorectal Cancer Screening “BLUE-C”** Pharmaceutical Sponsor: Exact Sciences Corporation Site Investigator: **Marc Zuckerman, MD**

- **A Phase 2, Randomized, Double-Blinded, Placebo Controlled, Parallel Group Study Evaluating The Efficacy And Safety Of Amiselimod (Mt-1303) In Subjects With Mild To Moderate Ulcerative Colitis (UC)** Pharmaceutical Sponsor: Salix Pharmaceuticals Inc. Site Investigator: **Ihsan Al-Bayati, MD**