THANK YOU, MARCEL CHUECOS AND GOOD LUCK WITH YOUR PhD WORK
AT BAYLOR COLLEGE OF MEDICINE

WE WILL MISS YOU!

Dr. Kushal Gandhi on presented TTUHSC work at the International Cannabinoid Research Society 2018 Symposium
in Leiden, The Netherlands.

"Polymer-based, biodegradable nanoparticles for the treatment of placental dysfunction"

Rebecca L. Wilson¹, Jennifer A. Courtney¹, Kathryn Owens³, Marcel Chuecos², Maira Carrillo², Natalia Schubert-Latevich², Helen N. Jones¹

¹Center for Fetal and Placental Research, Cincinnati Children’s Hospital Medical Centre, Cincinnati, OH, USA, 45229
²Texas Tech University Health Sciences Center at the Permian Basin, Odessa, TX, USA, 79763

being accepted for presentation at the Joint Annual Scientific Meetings of Endocrine Society of Australia (ESA) and Society for Reproductive Biology (SRB).

This meeting is organized by the Endocrine Society of Australia and Society for Reproductive Biology.

Drs. Orlando Garner, Ana Ramírez, and Alfredo Iardino
### Department of Internal Medicine

on their paper

"A Case of Posterior Reversible Encephalopathy Syndrome Associated with Sepsis"

being accepted for publication in BMJ Case Reports.

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### Department of Psychiatry

Congratulations to Drs. Fatima Bilal Motiwala, Dinesh Sangroula, Sahar Ashraf, and Inderpreet Virk on their paper “Repetitive transcranial magnetic stimulation for tic disorders” being published in Current Psychiatry.

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### Resident Podcast

Internal Medicine residents Drs. Alfredo Iardino, PGY-III and Orlando Garner, PGY-III have started a podcast “Resident Talk.” Check it out at [http://feeds.feedburner.com/ResidentTalk](http://feeds.feedburner.com/ResidentTalk)

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### Funding Available

**Nature Awards for Mentoring in Science 2018 – South of the United States**

First established in 2005, the Nature Awards for Mentoring in Science are annual prizes presented by Nature in recognition of researchers and academics who have devoted their careers to the nurturing of young scientists.

This year Nature invites nominations of outstanding scientific mentors from South of the United States (as defined by the US Census Bureau).

Two prizes of $10,000 will be awarded, one for a mid-career mentor and one for lifetime achievement in mentoring.

The closing date for entries is Monday 30th July 2018.

More information can be found at [https://www.nature.com/nature/awards/mentorship?utm_source=mk100&utm_medium=email&utm_campaign=NNPmentoring2018&sap-outbound-id=F9C7A3EE55ABA1667F15DD0BD2A803D176371ABE](https://www.nature.com/nature/awards/mentorship?utm_source=mk100&utm_medium=email&utm_campaign=NNPmentoring2018&sap-outbound-id=F9C7A3EE55ABA1667F15DD0BD2A803D176371ABE)

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### Obesity and Energetics

**Featured**

*Glucagon-receptor Signaling Regulates Energy Metabolism Via Hepatic Farnesoid X Receptor*
and Fibroblast Growth Factor 21.

• RCT: Ten-year Outcomes of Laparoscopic Gastric Bypass Versus Laparoscopic Gastric Banding.

• Is Birth Weight the Major Confounding Factor in the Study of Gestational Weight Gain?: An Observational Cohort Study.

Headline vs Study

• Headline: Poor Gut Health May Trigger Risk of Depression in Obesity: Study.
• Study: Behaviors and Insulin Action in Brains of Mice with High Fat Diet Induced Obesity with and Without Antibiotic Treatment. No Gut Health. No Depression.

Basic

• Manipulation of HSF1 Activity Through Silencing of Ser303/Ser307 Phosphorylation Exacerbates the Development of Age-Related Obesity and Its Comorbidities in Mice.
• Virus-Induced Interferon-γ Causes Insulin Resistance in Skeletal Muscle and Daniele Glycemic Control in Obesity.
• The Pleuromutilin Compound Casamycete Alleviates Hepatic Steatosis in C57BL/6 Mice By Reprogramming Hepatic Metabolism With Ananti-Inflammatory Eventing.
• The Adipokine Promoter Antigen NP-1 Induces High Levels of Circulating TNFα and Weight Loss in Obese (fa/ fa) Zucker Rats.

Clinical

• Eating in the Absence of Hunger: Stability Over Time and Associations with Eating Behaviours and Body Composition in Children.
• Real-World Safety and Efficacy of Fluid-Filled Dual Intragastric Balloon for Weight Loss.
• RCT: Physical Activity, Fruit, Vegetable, and Sugar-Sweetened Beverage Intake Patterns of College Students in Kansas.
• RCT: The Effects of 6-Week Plans on Weight Loss. Results of the McGill CHIP Healthy Weight Program.

Surgery

• Thin Bones: Vitamin D and Calcium Handling After Bariatric Surgery.
• Gastric Plication and Sleeve Gastrectomy in an Experimental Model of Obesity: New Insights Into Weight Loss, Intake and Metabolic Results.

Epidemiology

• Effect of Maternal Obesity on Labor Induction in Postdate Pregnancy.
• A 25-year Retrospective Analysis of the American Society of Anesthesiologists Physical Status Classification: Do the “Sick” Young obese Patients When Obesity Was Not Yet Considered a Disease?
• Associations of Multiple Unhealthy Lifestyle Behaviors with Overweight/Obesity and Abnormally Obesity Among Brazilian Adolescents.
• Impact of Obesity and CKD on the Association Between Parental Air Pollution and Cardiovascular Disease and Stroke Mortality Among US Adults.
• Food Insecurity in Older Adults: Results From the Epidemiology of Chronic Diseases Colorectal Cancer Study.
• Men Who Were Thin During Early Adulthood Exhibited Greater Weight Gain-associated Visceral Fat Accumulation in a Study of Midlife-aged Japanese Men.
• The Influence of Obesity and Weight Gain on Quality of Life According to the SF-36 for Individuals with Diabetes Follow-up Cohort of the University of Novo.

Psychology & Neuroscience

• Decision Making Deficits in Relation to Food Cues Influence Obesity: A Triadic Neural Model of Problematic Eating.
• Less is More: Negative Income Shock Increases Immediate Preference in Cross Commodity Discounting and Food Demand.
• Is Obesity Associated with Depression in Children? Systematic Review and Meta-analysis.

Cathy Lovett August visit dates

Clinical Research Institute Managing Director, Cathy Lovett will next be at the Permian Basin campus on August 7 and 8.

Datasets for machine learning in medical imaging

Access openly available machine learning data

We're pleased to present you with three recent articles describing data generated by machine learning techniques used in medical imaging research.

A large, open source dataset of stroke anatomical brain images and manual lesion segmentations


A curated mammography data set for use in computer-aided detection and diagnosis research

Rebecca Sawyer Lee, Francisco Gimenez, Assaf Hoogi, Kanae Kawai Miyake, Mia Gorovoy & Daniel L. Rubin

Matched computed tomography segmentation and demographic data for...

OEO

IU School of Public Health-Bloomington | UAB Nutrition Obesity Research Center

Scientific Data
The 2019 Permian Basin Research Forum will be held on Thursday, May 2, 2019.
We look forward to your ideas and seeing you there and thank you for supporting research at the Permian Basin campus.

For questions or to submit an item for the research newsletter contact: Dr. Natalia Schlabritz-Lutsevich, Associate Regional Dean of Research at natalia.schlabritz-lutsevich@ttuhsc.edu or Melissa Waggoner, Senior Editor at melissa.waggoner@ttuhsc.edu.