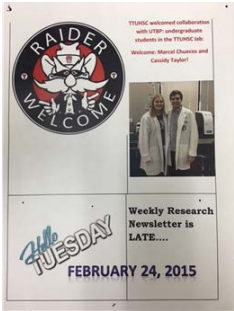
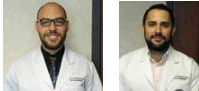
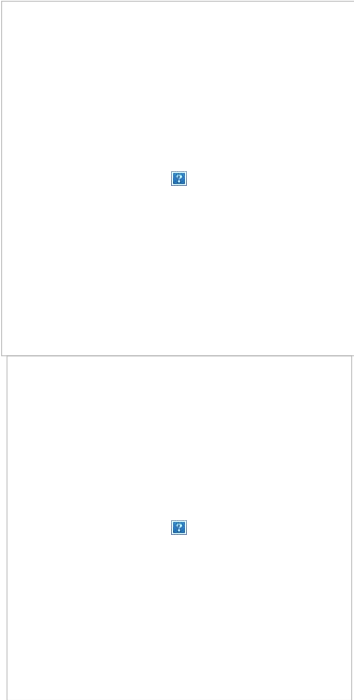
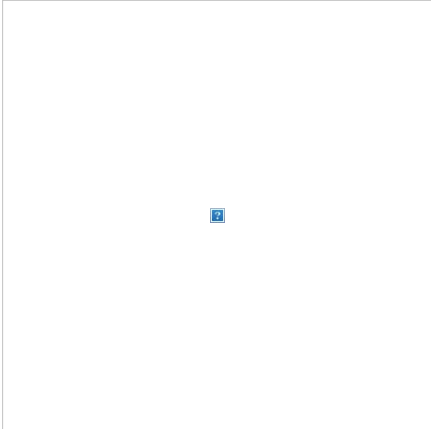


	Research News July 9, 2018
THANK YOU, MARCEL CHUECOS AND GOOD LUCK WITH YOUR PhD WORK AT BAYLOR COLLEGE OF MEDICINE WE WILL MISS YOU!	WE WILL HAVE A CAKE AT 2-30 PM, ON FRIDAY, JULY 13TH  
	 Dr. Kushal Gandhi on presented TTUHSC work at the International Cannabinoid Research Society 2018 Symposium in Leiden, The Netherlands.
 ABSTRACT ACCEPTED	   “Polymer-based, biodegradable nanoparticles for the treatment of placental dysfunction” Rebecca L. Wilson¹, Jennifer A. Courtney¹, Kathryn Owens¹, Marcel Chuecos², Maira Carrillo², Natalia Schlubritz-Lutsevich², 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 Ramirez, 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.
	 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.
 Resident Podcast	Department of Psychiatry  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
Funding Available 	 Announcement Funding Source for TTUHSC Researchers in all Schools The LWB Institute has funded \$2.5 million in grants over the past eight years. Purpose: The Laura W. Bush Institute for Women's Health grant program provides seed money to fund novel research unique to women's health that highlights critical issues for women or focuses on the sex and gender differences in etiology, symptomatology and treatment of medical conditions that lead to more personalized medical care. Process: Researchers submitting grants from any Texas Tech University Health Sciences Center School will use the existing grant application process and deadline within their School. Each School will review their grant applications and direct those that are vetted and match the criteria for funding by the Laura Bush Institute to the Laura Bush Institute's Grant Coordinator for final review and funding. Preferable funding considered for grants in women's health with a sex and gender emphasis. Types of funding: Seed grants up to \$25,000 Small grant funding \$ 5,000 - \$10,000 For more information: www.LauraBushInstitute.Org
	Nature Awards for Mentoring in Science 2018 – South of the United States First established in 2005, the <i>Nature</i> Awards for Mentoring in Science are annual prizes presented by <i>Nature</i> in recognition of researchers and academics who have devoted their careers to the nurturing of young scientists. This year <i>Nature</i> 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 life-time 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
 Obesity and Energetics	07/06/18 Featured • Glucagon-receptor Signaling Regulates Energy Metabolism Via Hepatic Farnesoid X Receptor



Offerings

A Joint Collaboration of Scholars From:

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

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

• [Modulation 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 Derails Glycemic Control in Obesity.](#)

• [The Flavonoid Compound Quercetin Alleviates Hepatic Steatosis in C57BL/1 Mice By Enhancing Frataxin-Mediated PINK1/Parkin-Dependent Mitophagy.](#)

• [The Adiponectin Promoter Activator 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 Intra gastric Balloon for Weight Loss.](#)

• [RCT: Physical Activity, Fruit, Vegetable, and Sugar-Sweetened Beverage Intake Patterns of College Students in Kansas.](#)

• [RCT: The Effects of If-Then 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: Did We “up-code” Young Obese Patients When Obesity Was Not Yet Considered a Disease?](#)

• [Associations of Multiple Unhealthy Lifestyle Behaviors with Overweight/obesity and Abdominal Obesity Among Brazilian Adolescents.](#)

• [Impact of Obesity and Ozone on the Association Between Particulate Air Pollution and Cardiovascular Disease and Stroke Mortality Among US Adults.](#)

• [Food Insecurity in Older Adults: Results From the Epidemiology of Chronic Diseases Cohort Study 3.](#)

• [Men Who Were Thin During Early Adulthood Exhibited Greater Weight Gain-associated Visceral Fat Accumulation in a Study of Middle-aged Japanese Men.](#)

• [The Influence of Obesity and Weight Gain on Quality of Life According to the SF-36 for Individuals of the Dynamic Follow-up Cohort of the University of Navarra.](#)

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.

Scientific Data



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](#)

Sook-Lei Liew, Julia M. Anglin, Nick W. Banks, Matt Sondag, Kaori L. Ito, Hosung Kim, Jennifer Chan, Joyce Ito, Connie Jung, Nima Khoshab, Stephanie Lefebvre, William Nakamura, David Saldana, Allie Schmiesing, Cathy Tran, Danny Vo, Tyler Ard, Panthea Heydari, Bokkyu Kim, Lisa Aziz-Zadeh, Steven C. Cramer, Jingchun Liu, Surjo Soekadar, Jan-Egil Nordvik, Lars T. Westlye, Junping Wang, Carolee Winstein, Chunshui Yu, Lei Ai, Bonhwang Koo, R. Cameron Craddock, Michael Milham, Matthew Lakich, Amy Pienta & Alison Stroud

[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](#)

	oropharyngeal cancer radiomics challenges MICCAI/M.D. Anderson Cancer Center Head and Neck Quantitative Imaging Working Group All articles and associated data are openly available.
	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.