



# Research Newsletter

October 1, 2018



**American  
Heart  
Association®**



Impact of “Obesity in young women may set the stage for heart complications during and after pregnancy”



Katherine Shreyder, MD, PhD

PGYIII

(Department of Internal Medicine)

**Summary of Media Coverage: Total Stories: 48 Total**

**Impressions: 93,744,786 Social Media: 146,605**



AbdAllah Gad, MD (PGY III)  
Internal Medicine

Elfishawi MM, Elgengehy F, Mossallam G, Elfishawi S, Alfishawy M, **Gad A**, Mokhtar I. HLA Class I in Egyptian patients with Behçet's disease: new association with susceptibility, protection, presentation and severity of manifestations. *Immunol Invest*. 2018 Sep 27;1-9. doi:10.1080/08820139.2018.1517364. [Epub ahead of print] PMID:30260727 Link: <https://www.ncbi.nlm.nih.gov/pubmed/30260727>

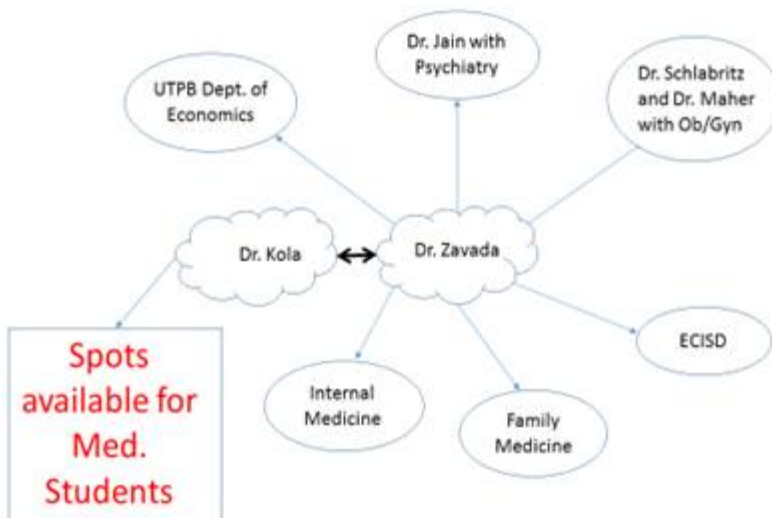


...to Glenn Bennion (PGY-I, Department of Obstetrics and Gynecology) on his successful presentation of "Patient characteristics of separable and nonseparable Raman spectroscopy serum pattern in pregnancy" at **2018 ACOG Annual District XI Meeting in Galveston, Texas**



Other Authors: Kushal Gandhi, Lisa Bramer, Marcel Chuecos, James Maher, Moss Hampton, Luke Gosink, Hannah Kodeih, Natalia Schlabritz-Lutsevich

## Join the Weather Study Project Today!



Training Sessions:  
November 10<sup>th</sup> and December 8<sup>th</sup>

This is a joint project between University of Texas and Texas Tech University Medical School in Odessa, Texas. The estimated start of the project is the Fall of 2018. Preliminary preparation for the project includes:

1. Identifying the team of researchers
2. Identifying sources of funding
3. Training sessions on the identification of the various categories of organic and inorganic particles
4. Calibration of the impact drum and the instrument and a dry run test.

The 3 parts of the project will consist of:

1. Airborne pollen sampling
2. Analysis of Volatile Organic Compounds (VOCs)
3. Community Outreach

If you are a medical student interested in participating in this collaborative study, **contact Dr. Bhargavi Kola at [Bhargavi.Kola@ttuhsc.edu](mailto:Bhargavi.Kola@ttuhsc.edu).**



Cathy Lovett (CRI) October Visit Dates



Clinical Research Institute Managing Director, Cathy Lovett  
Will be at the Permian Basin campus on October 9th and 10th, 2018

Contact Isabel Garza to set up an appointment  
[isabel.garza@ttuhsc.edu](mailto:isabel.garza@ttuhsc.edu)

## WEBINAR PEDIATRIC CANCER GENOMICS

10/23/2018

DNAexus

St. Jude Children's  
Research Hospital

Microsoft



### Pediatric Cancer Genomics: Accessing Data, Tools and Visualizations in St. Jude Cloud

CONTINUING EDUCATION CREDITS: [P.A.C.E. CE](#) | [Florida CE](#)

#### Presentation Information:

Join the discussion on October 23rd and learn about St. Jude Cloud, a new data ecosystem developed to advance cures by reducing the technological barriers to data sharing and analysis.

In this webinar, you will:

- Explore data, tools and visualizations that are available in St. Jude Cloud.
- Understand how to use St. Jude Cloud to request, access and visualize St. Jude genomics data
- Understand how to use St. Jude Cloud to upload and analyze user-generated data

Oct 2018

**23**

Live Webinar Starts:  
10:00am PDT  
1:00pm EDT

**SAVE THE  
DATE**

#### About the Presenters:



**Scott Newman, PhD**  
Group Lead-Bioinformatics Analysis, St. Jude Children's  
Research Hospital



**Clay McLeod**  
Manager of Bio Info Software Development, St. Jude  
Children's Research Hospital

LabRoots is approved (or has applied for approval) as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program.

By watching this webinar, you can earn 1 Continuing Education credit.

## THE NOBEL PRIZE IN PHYSIOLOGY OR MEDICINE 2018



**James P. Allison • Tasuku Honjo**  
“for their discovery of cancer therapy by inhibition  
of negative immune regulation”

THE NOBEL ASSEMBLY AT KAROLINSKA INSTITUTET

#### BREAKING NEWS

The Nobel Assembly at Karolinska Institute has decided to award the 2018 Nobel Prize in Physiology or Medicine jointly to James P. Allison and Tasuku Honjo “for their discovery of cancer therapy by inhibition of negative immune regulation.”

Cancer kills millions of people every year and is one of humanity’s greatest health challenges. By stimulating the inherent ability of our immune system to attack tumor cells this year’s Nobel Laureates have established an entirely new principle for cancer therapy.

James P. Allison studied a known protein that functions as a brake on the immune system. He realized the potential of releasing the brake and thereby unleashing our immune cells to attack tumors. He then developed this concept into a brand new approach for treating patients.

In parallel, Tasuku Honjo discovered a protein on immune cells and, after careful exploration of its function, eventually revealed that it also operates as a brake, but with a different mechanism of action. Therapies based on his discovery proved to be strikingly effective in the fight against cancer.

Allison and Honjo showed how different strategies for inhibiting the brakes on the immune system can be used in the treatment of cancer. The seminal discoveries by the two laureates constitute a landmark in our fight against cancer.



## ECISD Selected for Mission 13 of the Student Spaceflight Experiments Program



On behalf of Ector County Independent School District, I'm excited to share with you ECISD has been selected for Mission 13 of the Student Spaceflight Experiments Program (SSEP)!

Student researchers will compete in a local competition among seven ECISD schools to send a microgravity experiment to the International Space Station where an astronaut aboard will conduct the experiment.

We would like to extend this unique opportunity to serve on the Ector County ISD Student Spaceflights Experiments Program Review Board. Your commitment would consist of reviewing SSEP student team proposals and selecting three finalists. The review board will meet the week of November 5, 2018 from 9am to 2pm (lunch will be served).

Please let us know of your interest or commitment by October 2 and reply with your date preference from the following: November 5th, 6th or 9th. If you know of a friend or colleague interested in serving on the board, please share this email with them.

We look forward to hearing from you!

Best regards,

Gabriela Granado

Research and Innovation Strategist

Ector County Independent School District

Twitter: [@PICKeducation](https://twitter.com/PICKeducation) Facebook: [@PICKeducation](https://www.facebook.com/PICKeducation)

Phone: 432.456.4951 [www.PICKedu.com](http://www.PICKedu.com)



Scientific Program		Reasons to Attend COG
<b>Special Plenary Sessions</b> <ul style="list-style-type: none"> <li>The best of RMOG 2017-2018</li> <li>Epidemiology and the COG42 concepts in ART</li> <li>Laser course: Smooth uterine laser for women's health problems by pre-registration only. First course: first surgery</li> <li>Fertility preservation for social motives</li> <li>Nobel Prize Laureate Robert G. Edwards annual lecture</li> </ul> <b>Infertility/ART/IVF</b> <ul style="list-style-type: none"> <li>PGD/PGS</li> <li>Use, abuse and underuse of procedures</li> <li>Flare-ups and IVF: Can we reach a consensus?</li> <li>Implantation failure and what's next</li> <li>Control ovarian stimulation</li> <li>Endometriosis: advances</li> <li>ET and luteal support</li> <li>Genetic testing of embryos</li> <li>RF: What is next?</li> <li>RF: Are pre- and post-operative procedures</li> <li>Special COGI workshop: The LBC symposium - Building the future family: How new technologies are redefining family planning</li> <li>Special COGI workshop</li> <li>Special COGI ALPMA society workshop sessions: Are we making advances in the laboratory?</li> <li>Special COGI ALPMA society workshop sessions: What makes a good embryo?</li> <li>Control ovarian stimulation</li> <li>Allopatry</li> <li>Special workshops - History of RF: Part 1</li> <li>Special workshops - History of RF: Part 2</li> </ul>	<b>Gynecology</b> <ul style="list-style-type: none"> <li>HRP: Where we came from, Where are we going?</li> <li>HRP prescribing: Making the science applicable in the real world</li> <li>HRP and breast cancer</li> <li>Premature ovarian insufficiency (POI): Advances in diagnosis and management</li> <li>SL/S: The society of laparoscopic surgeons: Update on the state of the art of minimally invasive surgery to prevent infertility</li> <li>Generating an HPV diagnosis in a screening event</li> <li>HPV vaccines: Light and shadows</li> <li>Premature ovarian failure</li> <li>Menopause and perimenopause</li> </ul> <b>Fetomaternal Medicine</b> <ul style="list-style-type: none"> <li>Advanced maternal age in the eyes of reproductive endocrinology (re) and fetal maternal experts</li> <li>Progestins and estrogens: What to know for ART? A PERIS School Academy session</li> <li>Special workshop on prevention and management of bleeding in pregnancy: Treatment</li> <li>Special workshop on prevention and management of bleeding in pregnancy: Prevention</li> <li>Minimizing and ART</li> <li>Prenatal diagnosis after assisted reproduction</li> <li>Prevention of premature birth</li> <li>Predicting, preventing management of preeclampsia</li> <li>Hot controversies</li> <li>Gestational diabetes and obesity</li> </ul>	

**Key Dates**  
 Abstract Submission Deadline: September 6, 2018  
 Early Registration Deadline: September 27, 2018  
 The top congress for updates on current controversies in the field

[www.cogi-congress.org](http://www.cogi-congress.org) • [cogi@congressmed.com](mailto:cogi@congressmed.com)



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](mailto:natalia.schlabritz-lutsevich@ttuhsc.edu) or Isabel Garza at [Isabel.garza@ttuhsc.edu](mailto:Isabel.garza@ttuhsc.edu) or Brance Davis at [brance.davis@ttuhsc.edu](mailto:brance.davis@ttuhsc.edu)