



## Weekly Research Newsletter February 13, 2017



**Dr. Kushal Gandhi**

**(Post-doctoral Fellow, Mentor-Dr. Schlabritz-Lutsevich; Dept. of Obstetrics and Gynecology)**

**For winning the runner-up prize  
in the Metrohm Young Chemist Award  
for the creative application of technical innovations**

## 2017 TTUHSC at the Permian Basin Research Day Call for Abstracts

**Abstract Deadline: Wednesday, March 15,  
2017**

**MEMORANDUM**

**26<sup>th</sup> TTUHSC at the Permian Basin Research Day**  
Thursday, April 20<sup>th</sup> 2017

**Date:** February 3, 2017

**To:** Program directors, department chairs, department research directors, residents, and medical students.

**From:** The office of the Regional Dean of Research and TTUHSC at the Permian Basin Research Advisory Committee

**Subject:** 2017 TTUHSC at the Permian Basin Research Day - **Call for Abstracts**

**Abstracts:** The deadline for abstract submission for the 2017 TTUHSC at the Permian Basin Research Day is Wednesday, March 15, 2017. Abstracts and questions should be submitted Melissa.waggoner@mhsc.edu and c.wilkinson@mhsc.edu

**Guidelines for the abstract formatting:**

- ii. Include the Title, the Author's name (s) and affiliation
- iii. The title of the abstract should be structured to include the following subheadings:
  1. Background
  2. Hypothesis or Objectives
  3. Methods
  4. Results or Expected Results
  5. Conclusions or Significance (as appropriate).

Examples of abstracts from last year can be found at: <http://www.mhsc.edu/research/documents/2016abstracts.pdf>

**Research Day:** All residents and medical students are encouraged to participate. Presentations will be given in either an oral, pre-recorded or poster format. The Research Advisory Committee will select which abstracts will be given an oral presentation, these presentations will be asked by PowerPoint and be 10 minutes long. Those who wish to participate, but have scheduling conflicts are encouraged to send in their abstracts and present a pre-recorded presentation. Presentations will be evaluated by judges in different categories - case reports and basic science research. An award will also be given for audience's choice.

The 2017 TTUHSC at the Permian Basin Research Day is being held in conjunction with the University of Texas at the Permian Basin Research Day which will take place on Friday, April 21, 2017. More information about this will be available at a later date.



## “Translational and Clinical Research – Developing a Research Proposal”

The 12-week intensive course to provide information about developing and publishing a successful research project at TTUHSC at the Permian Basin began last week and will continue until mid-March.

**“Analyze Data (Statistical Analysis)”  
Presented by Eneko Larumbe**



**Wednesday, February 15, 2017**

**Room 2C13**

For more information about this event, please contact Elihu Arzate at [Elihu.arzate@ttuhsc.edu](mailto:Elihu.arzate@ttuhsc.edu)

**Faculty Development Research Course**

Presented by:  
- The Office of the Regional Dean of Research  
- Research Advisory Committee at Texas Tech University Health Sciences Center  
at the Permian Basin  
- The office of Faculty Affairs and Development  
- TTUHSC Clinical Research Institute

**TEXAS TECH UNIVERSITY  
HEALTH SCIENCES CENTER**  
at the Permian Basin

**Research Course Agenda – For Faculty Development  
Syllabus – January 2017**

Session Title	Faculty	Day/Time
1. Introduction to the Clinical Research Institute and the role of the Office of the Regional Dean of Research at TTUHSC-OB	Dr. Melissa Waggoner	1/10/2017 10:00 AM - 12:00 PM
2. Introduction to the Research Managing System (preparing yourself to submit the Basic Science Journal Club)	Dr. Melissa Waggoner	1/10/2017 1:00 PM - 3:00 PM
3. Introduction to the Basic Science Research Institute	Dr. Melissa Waggoner	1/10/2017 3:30 PM - 5:00 PM
4. Introduction to the Research Managing System (preparing yourself to submit the Basic Science Journal Club)	Dr. Melissa Waggoner	1/10/2017 10:00 AM - 12:00 PM
5. Introduction to the Research Managing System (preparing yourself to submit the Basic Science Journal Club)	Dr. Melissa Waggoner	1/10/2017 1:00 PM - 3:00 PM
6. Introduction to the Research Managing System (preparing yourself to submit the Basic Science Journal Club)	Dr. Melissa Waggoner	1/10/2017 3:30 PM - 5:00 PM
7. Introduction to the Research Managing System (preparing yourself to submit the Basic Science Journal Club)	Dr. Melissa Waggoner	1/10/2017 10:00 AM - 12:00 PM
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Did we miss your publication for the Dean's publication award?

Below is a list of the publications for the current Dean's publications awards. If you have a paper that has a publication date of between July and December 2016 that is not listed below, please send that information to Melissa Waggoner at [Melissa.waggoner@ttuhsc.edu](mailto:Melissa.waggoner@ttuhsc.edu) before Friday, February 17.

**Case Reports:**

- Gary Ventolini, Peihuan Tsai, Lee David Moore, C. dubliniensis in an immunocompetent patient with metal lingual frenulum piercing. Medical Mycology Case Reports. Vol 14. 2016 Nov 26; 14:27-29. DOI: 10.1016/j.mmyr.2016.11.003.
- Nimat Alam, Linda Esteban, Enrique Tobias and Janet George. Thyrotoxic Periodic Paralysis. Journal of Clinical Case Reports. 2016, 6:7. July 28, 2016. DOI: 10.4172-2165-7920.1000839
- Bhargavi Kola. Unilateral testicular microlithiasis: a rare paediatric incidental finding. BMJ Case Rep 2016. Sept. 9, 2016. DOI: 10.1136/bcr-2016-216631
- H Labuschagne, C Burns, S Martinez, M Carrillo, M Waggoner, J Schwanninger, J Maher, M Hampton, J Flores-Guardado, N Schlablritz-Loutsevitch. Coccidioidomycosis in pregnancy: case report and literature review of associated placental lesions. 2016. Case Reports in Women's Health Volume 12, October 2016, Pages 5–10. DOI: 10.1016/j.crwh.2016.10.004

**Basic Science Research:**

- N. Schlablritz-Loutsevitch, J German, E Larumbe, G Ventolini, J Samson. Fetal Syndrome of Endocannabinoid Deficiency (FSECD) in maternal obesity. Journal of Medical Hypothesis. 2016 Nov; 96:35-38. DOI: 10.1016/j.mehy.2016.09.021
- Schlablritz-Loutsevitch N, Apostolakis-Kyros K, Krutina R, Hubbard G, Kocak M, Janjetovic Z, Sathanandam S, Slominski AT, Mari G, Dick E Jr. Pregnancy-driven cardiovascular maternal miR-29 plasticity in obesity. J Med Primatol. 2016 Sep 15. DOI: 10.1111/jmp.12236.
- Rodriguez-Sanchez IP, Gundon J, Ruiz M, Tejero ME, Hubbard G, Martinez-de-Villarreal LE, Barrera-Saldana HA, Dick EJ Jr, Comuzzie AG, Schlablritz-Loutsevitch NE. The endocannabinoid system in the baboon (Papio spp.) as a complex framework for developmental pharmacology. Neurotoxicol Teratol. 2016 Nov - Dec;58:23-30. DOI: 10.1016/j.ntt.2016.06.006.
- Review: Hakim C, Padmanabhan V, Vyas AK. Gestational Hyperandrogenism in Developmental Programming. Endocrinology. 2016 Dec 14;en20161801. PMID:27967205 (Editor's choice for top five article to be featured in February 2017 edition) DOI: 10.1210/en.2016-1801.

**Clinical Research:**

- C. Neal Ellis. Discharge Criteria After Colon Resection: Is Return of Bowel Function Necessary? The American Journal of Surgery. Nov. 8, 2016.
- S. Jain. When the diagnosis is hard to swallow, take these management steps. Current Psychiatry. 2016 August; 15(8): 67-68.
- Joy Eduwu, Fouzia Tabasam, Alexander A. Bastides, Khavir Dar, Yasir Ahmed. Successful management of methicillin-resistant Staphylococcus aureus bacteremia complicated with diffuse myelitis. Infectious Diseases. 2016 July 27; 49:3, 234-236. DOI: 10.1080/23744235.2016.1212169. (Letter to the Editor)
- D Vyas, M Hollis, R Abraham, N Rustagi, S Chandra, A Malhotra, V Rajpurohit, H Purohit, R Pal. Prehospital care training in a rapidly developing economy: a multi-institutional study. J Surg Res. 2016 Jun 1; 203(1):22-7. DOI: 10.1016/j.jss.2016.03.026.
- Dhindsa S, Ghannim H, Batra M, Khatlavy ND, Ahuayshah S, Green K, Makdesi A, Chandhuri A, Dandona P. Effect of testosterone on hepatic, ferroportin, ferritin and iron binding capacity in patients with hypogonadotropic hypogonadism and type 2 diabetes. Clin Endocrinol (Oxf). 2016 Nov;85(5): 772-780.
- Oad L. Intensive Care Unit (ICU) - Managed Elderly Hospitalizations with Dementia in Texas, 2001-2010: A Population-Level Analysis. Med Sci Monit. 2016 Oct 20;22: 3849-3859.
- Oad L. Determinants of Home Discharge Among Survivors of Necrotizing Fasciitis: A Population-Level Analysis. J Clin Med Res. 2016 Jul;8(7): 537-43.
- Oad L. Mortality Associated with Severe Sepsis Among Age-Similar Women with and without Pregnancy-Associated Hospitalization in Texas: A Population-Based Study. Med Sci Monit. 2016 Jun 10;22: 1976-86. (This publication wasn't available online until after July 2016 list was made).



**Basic Science Journal Club**

The Basic Science Journal club will have its next meeting on Thursday, March 2, from 12 p.m. to 1 p.m. in the Dean's Conference Room. For more information about the Basic Science Journal Club, please contact Dr. Kushal Gandhi at [Kushal.gandhi@ttuhsc.edu](mailto:Kushal.gandhi@ttuhsc.edu).

**Project management courses**

There will be managing multiple projects, objectives and deadlines one-day workshop in Lubbock on February 27 and in Albuquerque on March 3. For more information about the Lubbock workshop, please visit [skillpath.com](http://skillpath.com) and for more information about the Albuquerque workshop, please visit [natsen.com](http://natsen.com). The cost for either workshop is \$149 a person.

**AAMC Minority Faculty Career Development Seminar**

The AAMC Minority Faculty Career Development Seminar will be held **September 7-10, 2017 at the Hyatt Regency Orlando, Orlando, Florida**. The seminar is a three-day professional development seminar designed for **junior faculty (senior fellows, instructors, and assistant professors)** who are members of underrepresented racial and ethnic minority groups and who aspire to leadership positions in academic medicine.

Dr. Berk, Dean of the School of Medicine has offered to support two (2) applicants from the Lubbock Campus, up to \$3,000 each. Drs. Jordan and Ventolini have offered to support one (1) applicant from each of the regional campuses to attend this seminar, up to \$3,000 each. The actual cost can be between \$2500 to \$3500, so additional department/individual support may be needed. The Dean has established an Advisory Committee of previous participants in the Seminar who have been asked to prioritize applicants. If you are interested, please reply to this email and provide a brief statement (no more than a paragraph) on what you would hope to gain from attendance, and how you feel this would help your academic career development. To be considered, **please reply no later than February 24, 2017**.

**Reminder about listing correct author affiliation**

When listing your affiliation for scholarly publications, please use **Texas Tech University Health Sciences Center at the Permian Basin**. Using this name will allow for others to more accurately search for your publications through databases such as PubMed.

Please *do not use* names such as: Texas Tech Health Sciences, Texas Tech University, or TTUHSC.

**West Texas Chapter  
Hot Topics**

Tuesday, February 21, 2017, 12:00 CST\*

**TOPIC:** Study Recruitment and Retention: Strategies for Success

**SPEAKER:** AmandaRomero,MS,RN,CCRC

Clinical Research Coordinator  
Clinical Research Institute  
Texas Tech University Health Sciences Center  
Lubbock, TX

**Upon completion of this presentation, the participants will be able to:**

- Identify effective methods for successful recruitment and retention.
- Recognize potential barriers impeding successful recruitment and retention; and
- Develop and implement sound strategies to ensure successful recruitment and retention.

**LOCATIONS:**

- Lubbock - TTUHSC 1C100
- El Paso - EPCSB B3600 (\*11:00 AM MST)
- Amarillo - AMHSC 4717

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- Amarillo - AMHSC 4717

• Odessa - ODHSC 2C13  
 For further information: [Cathy Lovett, MSN, RN, CCRP, CCRP](mailto:Cathy.Lovett@ttuhsc.edu)  
 806-743-4433  
 RSVP to Cathy Lovett at: [cathy.lovett@ttuhsc.edu](mailto:cathy.lovett@ttuhsc.edu)

Feel free to bring lunch.  
 \*1.0 Continuing Education Credit hour for SOCRA CCRP Renewal will be awarded to SOCRA members  
 All SOCRA meetings are open to members and non-members  
 Please share this announcement with your colleagues. SOCRA has sent this email for educational purposes only.

You're Invited!

There will be a retirement reception for Dr. Lorenz Lutherer, Executive Director of the Clinical Research Institute on Monday, February 20, 2017 at 3:00 p.m. in the TTUHSC ACB 1<sup>st</sup> Floor Lobby area.

Please send RSVPs to Staci Brown at [staci.brown@ttuhsc.edu](mailto:staci.brown@ttuhsc.edu).

News from Nature

**LIGO's underdog cousin.** A gravitational-wave lab in the Tuscan flatlands near Pisa, Italy, will soon open after a major upgrade. Called Virgo, it is the lesser-known cousin of the US observatory LIGO, and was offline during the [historic first discovery of gravitational waves](#). But together, Virgo and LIGO should make more detailed and more confident detections of the waves. In other gravitational wave news, the unofficial Twitter feed of LIGO's gravitational wave has [changed its name from GW150914 to Wavy McWaveFace](#) after a public vote. ([Nature news story](#))

**Shark harvest?** Some researchers think that sharks can be fished sustainably, and that supporting sustainable fisheries is a better alternative than an outright ban. It's a controversial idea, but marine ecologists now say they've identified 39 shark populations around the world, of 33 different species, which are being fished sustainably — that is, harvested at levels that allow them to maintain stable population sizes and not edge toward extinction. Even shark fins — a delicacy in some Asian cultures — might be sustainably harvested, the researchers suggest. ([Scientific American news story](#); [Current Biology paper](#))

**Catching the waves.** A Beijing-based nanoscientist, Zhong Lin Wang, has proposed a new way to generate energy from waves: by sealing small motion sensors in floats that generate static electricity as they roll around. Hundreds or thousands of these triboelectric nanogenerators linked into a network with cables could produce enough renewable energy to power a town or purify saline water. ([Nature Comment](#))

**Disappearing rogue planets.** Two new analyses suggest that Jupiter-sized 'rogue planets' — which wander across the Milky Way apparently untethered to a host star — are less common than scientists thought. The Galaxy is likely home to around 100 billion of these planets, one study shows, and not 200 billion, [as proposed in 2011](#). ([Nature news story](#); [Astrophys J. paper](#))

**Black holes in the middle.** We've seen black holes that are a few times the mass of our Sun, and black holes that have millions or billions of times that mass. But there's been scant evidence for 'intermediate'-sized black holes, which are around 100–100,000 solar masses. Now, a Harvard astrophysicist suggests that the oddly quick movements of some pulsars in a dense stellar cluster are probably caused by such a black hole. It's the best evidence yet that they exist, and may challenge theories about how black holes form. ([Sky & Telescope](#); [Nature paper](#))

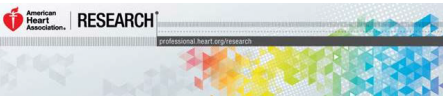
**Sprites and jets.** An astronaut on the International Space Station has taken [video footage](#) of red sprites, blue jets, pixies and elves. These are names for elusive electrical discharges in the upper atmosphere that pilots have reported, but which are hard to study because they occur above thunderstorms. A follow-up monitoring mission is in the works to gather more information about the rarely-observed light shows. ([ESA press release](#); [GRL paper](#))

**MIT à la française?** France's government auditor has taken a sharp swipe at efforts to develop a science super-campus near Paris that, by 2020, was supposed to rival the likes of the Massachusetts Institute of Technology (MIT). More than €5.3 billion (US\$5.7 billion) in public spending has been earmarked for the Paris-Saclay science cluster, the Court of Auditors estimates in an annual report. Former French president Nicolas Sarkozy had envisaged the campus's many individual institutes becoming a large integrated university when he officially launched the project in 2010. But that original vision is "at a standstill", the report says. ([Nature news story](#))

**Vaccine safety.** More than 350 organizations, including leading US medical, advocacy and professional organizations, have sent a [letter](#) to President Donald Trump expressing their "unequivocal support for the safety of vaccines". The letter was organized by the American Academy of Pediatrics. ([Washington Post](#))

Less than a month away. All eligible applications must be submitted by **Wednesday, February 15, 2017 at 3 pm ET**. Start your [application](#) today and share this exciting opportunity with your colleagues.

The *Macy Faculty Scholars Program* is designed to identify and nurture the careers of promising educational innovators in medicine and nursing. With support from the Macy Foundation, scholars will implement new educational innovations at their home institutions and participate in career development activities. Learn more about becoming a Macy Scholar on our [website](#).



**Winter Research Program Deadlines Feb. 9-17**  
 The Program Descriptions and deadlines for the next application cycle are listed below. Note that three new programs are offered this cycle. Applications must be received no later than 5:00 p.m. CST on the deadline date.

<p><b>Mentored Clinical and Population Research Award</b></p> <p>Encourages early investigators with supportive mentoring relationships to conduct introductory pilot studies that will guide future strategies for reducing cardiovascular disease and stroke.  <b>Deadline: Tuesday, Feb. 14, 2017</b></p>	<p><b>Fellow-to-Faculty Transition Award</b></p> <p>Provides funding for trainees with outstanding potential for careers as physician-scientists in cardiovascular or stroke research during the crucial period of career development that spans the completion of research training through the early years of the first faculty/staff position.  <b>Deadline: Tuesday, Feb. 14, 2017</b></p>
<p><b>Scientist Development Grant</b></p> <p>To support highly promising beginning scientists in cardiovascular and stroke research between their initial research training and their complete independence.  <b>Deadline: Tuesday, Feb. 14, 2017</b></p>	<p><b>Mentor/AHA Mentee</b></p> <p>Provides protected time for mentoring activities to investigators who have an established record of accomplishments in mentoring. Mentor candidates must have a demonstrated commitment to cardiovascular or cerebrovascular science, as indicated by publication history and scientific accomplishments. The award facilitates mentoring opportunities for early-career faculty by experts within fields of study important to their career development. Some mentoring may be accomplished face-to-face, but this funding mechanism is designed to include virtual channels (teleconferences, virtual rooms, etc.) and also should include journal clubs, discussions, etc. Creativity is encouraged, and mentoring of researchers from underrepresented racial and ethnic groups is</p>

<p><b>NEW AHA Institutional Research Enhancement Award (AIREA)</b>  <a href="#">Grant-in-Aid</a></p> <p>Supports small-scale research projects related to cardiovascular diseases and stroke at educational institutions that provide baccalaureate or advanced degrees but that have not been major recipients of NIH support. The award supports any part of the full range of research and development from very basic to clinical.  <b>Deadline: Tuesday, Feb. 14, 2017</b></p>	<p>science, or from smaller universities and academic institutions, or working in a particularly difficult or emerging area of science will be particularly encouraged.  <b>Deadline: Tuesday, Feb. 14, 2017</b></p> <p>Supports independent investigators with innovative and advanced projects related to cardiovascular disease and stroke.  <b>Deadline: Friday, Feb. 17, 2017</b></p>
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**American Heart Association's Children's Research Network Request for Applications Now Available Online**  
The full [Request for Applications](#) is now available online!  
Applications are due by **Tuesday, February 21, 2017** for the AHA Children's Research Network.  
Live Q&A Webinars will be available to address questions related to the RFA. All applicants are invited to participate. For more information, including the full request for applications, visit the [AHA Children's Research Network](#) web site.

**Institute for Precision Cardiovascular Medicine – Data Grants are open**  
Postdoctoral graduates interested in a fellowship opportunity with one of AHA's Strategically Focused Research Networks should [submit an application](#) to the center(s) of interest. If you are also interested in future SFRN postdoctoral fellowships with the Obesity and Children's Network, please submit a most recent CV to [SEFRN@heart.org](mailto:SEFRN@heart.org) and it will be shared with the future Training Directors once the Centers for these newest Networks are awarded.



**Register NOW**

**Ultrasound in Medical Education**

**Train the Professor**

April 7-8, 2017  
8:00am – 5:00pm each day  
F. Marie Hall SimLife Center, Lubbock

**PLEASE NOTE - The date has changed from February to April 7-8**

Plan to attend  
Student Research Week  
2017

**SAVE THE DATE**

**March 7<sup>th</sup> – 10<sup>th</sup>, 2017**

29<sup>th</sup> GSBS Student Research Week  
Lubbock Campus  
Including vendor show, poster competition,  
and keynote addresses from:

**Dr. Jon Kaas &  
Dr. Susan Slauchaupt**

**MOLECULAR  
NEUROSCIENCE  
& SYSTEMS**

**FROM  
NUCLEOTIDES  
TO NETWORKS**

Healthcare  
Education  
Scholarship  
program

Texas Tech University Health Sciences Center has developed a new concept for institution-wide faculty development. It's call *Aspire!* This name was selected because it connotes a positive and forward movement toward a desired destination. *Aspire!* will be directed toward those who aspire to be innovative...who aspire to be exceptional... and who desire to BE at TTUHSC.

A new TTUHSC faculty-development initiative is the Healthcare Education Scholarship program. The majority of faculty in health profession's education lacks formal training in education or education management. Yet, the current climate of a rapidly changing educational environment along with the requirements to meet continually evolving accreditation standards requires formally trained educational leaders. The leadership of TTUHSC recognizes this need and has created a program which will fund selected TTUHSC faculty to matriculate through a Master in Health Professions Education (MHPE) or Master in Education for Health Professionals (MEHP) program of their choosing.

The goal of this program is to decrease the economic burden of seeking an advanced degree in education while producing educational leaders in the health professions who can manage change within their fields, overcome organizational barriers, and effectively direct the future of healthcare delivery systems.

Please refer to the policy/procedure-<http://www.ttuhsc.edu/facultydevelopment/documents/Policy.pdf>- link for additional information, including Faculty Eligibility, Faculty Responsibilities, Institutional and Program Requirements, and Approval Process. In addition, the application form-<http://www.ttuhsc.edu/facultydevelopment/documents/Application.pdf>- link is available to apply for the Healthcare Education Scholarship.

Please don't hesitate to contact Dr. Rial Rolfe, Executive Vice President of Academic Affairs at [rial.rolfe@ttuhsc.edu](mailto:rial.rolfe@ttuhsc.edu) or [rial.rolfe@mail.rolfe@ttuhsc.edu](mailto:rial.rolfe@mail.rolfe@ttuhsc.edu), if you have questions or need additional information about this faculty development opportunity.

Funding Opportunities

- Public Funding Opportunities**
- Individual Investigator Research Awards: RFA R-18.1-IRA**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#D>
- Individual Investigator Research Awards for Cancer in Children and Adolescents: RFA R-18.1-IRACCA**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#E>
- Individual Investigator Research Awards for Clinical Translation: RFA R-18.1-IRACT**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#F>
- Individual Investigator Research Awards for Computational Biology: RFA R-18.1-IRACB**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#G>
- Individual Investigator Research Awards for Prevention and Early Detection: RFA R-18.1-IRAP**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#H>
- Innovations for Healthy Living - Improving Population Health and Eliminating Health Disparities (R43 R44): RFA-MD-17-001**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#I>
- Ryan White HIV/AIDS Program Part F Dental Reimbursement Program: HRSA-17-041**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#J>
- Technologies for Improving Minority Health and Eliminating Health Disparities (R41 R42): RFA-MD-17-002**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#K>
- Private Funding Opportunities**
- American Academy of Family Physicians Foundation Invites Applications for 2017 Immunization Grant Awards**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#L>
- Global Probiotics Council Issues RFP for Research Grants**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#M>
- Klarman Family Foundation Issues RFP for Anorexia Research**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#N>
- Mary Kay Foundation Accepting Applications for Domestic Violence Shelter Grant Program**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#O>
- Pancreatic Cancer Action Network Issues RFP for Early Detection Targeted Grant Program**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#P>
- Robert Wood Johnson Foundation Accepting Applications for Health Policy Research Scholars**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#Q>
- World of Children Accepting Nominations for 2017 Awards Program**  
<http://dsbs.texas.gov/fic/a128-1-4.aspx#R>

# Upcoming conference

SAVE THE DATE

April 7, 2017

TTUHSC Integrative Medicine Symposium  
Mind-Body Wellness: The art, practices and sciences  
Lubbock Campus (morning session will be techlinked)

Sponsored by:  
Division of Integrative Medicine  
Office of Interprofessional Education  
Laura W. Bush for Women's Health Institute, Lubbock  
site

Online

Visit TTUHSC at the Permian Basin Research's webpage at: <http://www.ttuhsu.edu/odessa/research/default.aspx>

And like us on Facebook, visit the page: <https://www.facebook.com/Texas-Tech-University-Health-Science-Center-in-the-Permian-Basin-Research-1612649318992433/>



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 Melissa Waggoner, Senior Editor  
at [melissa.waggoner@ttuhsc.edu](mailto:melissa.waggoner@ttuhsc.edu)