Research Newsletter

November 26, 2018

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

Clinical Research Institute Research Workshops

Topics: Discuss and develop student research ideas

&

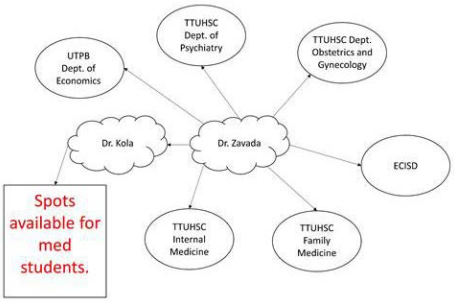
"Collaborating with Engineers in Medicine"

Presenter: Jnev Biros, MD - Edward E. Whitacre Jr. College of Engineering, TTU

When: Wednesday, November 28, 2018 4:00 PM-5:00 PM

Where: Amarillo 4713; Dallas SPVA200AB; HSC 1C124; MDPA B11; SECOR202; Odessa 3168; Endocrinology 21101

Join the Ector County Weather Study Today!



Training Session:

December 8th

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**.

The Mary Kay Foundation has reached out to the TTUHSC Development Office with a proposal request for grant funding. This funding will *target research in ovarian, uterine, breast or cervical cancers.* The Mary Kay Foundation has limited TTUHSC to submit *one grant application.* Proposals will be reviewed and scored by an internal review committee who will recommend which application will represent our institution. Below are the proposal guidelines. Please submit proposals to Smiley Garcia by 5:00 pm CST, Friday, January 18, 2019, via email (smiley.garcia@ttuhsc.edu). Below are the requirements for the grant application, and additional information from the foundation for your reference. If you have any questions, please contact Smiley Garcia at the info below.

Grant Proposal Guidelines:

One PDF file including the following:

1. Cover page **(1 page)**
2. Current Financial Support **(2 pages max)**
3. NIH Biosketch or Equivalent **(5 pages max)**
4. Grant Application **(5 pages)**
5. References **(2 pages max)**
6. Letter of Collaboration **(3 pages max)**

Submitted grant proposals must follow guidelines to be considered!

Contact information for Smiley Garcia:

Smiley Garcia
Corporate and Foundation Relations
Interim AVP State/Federal Relations
Texas Tech University Health Sciences Center
Ofc: 806-743-2095
TTU System Office: 806-834-2809
smiley.garcia@ttuhsc.edu

afar american federation for aging research

Medical Student Training in Aging Research (MSTAR) Program

MSTAR

Sponsored by the **National Institute on Aging (NIA)**, the MSTAR program encourages medical students–particularly budding researchers–to consider a career in academic geriatrics by awarding short-term scholarships. MSTAR celebrates its 25th year in 2019.

The deadline for applications is **January 25, 2019**.

The Program

The 2019 MSTAR Program provides medical students with an enriching experience in aging-related research and geriatrics, with the mentorship of top experts in the field. This program introduces students to research and academic experiences early in their training that they might not otherwise have during medical school. Positive experiences in the MSTAR program have led many physicians-in-training to pursue academic careers in aging, ranging from basic science to clinical research to health services research. They have joined the growing cadre of physicians and scientists whose specialized knowledge and skills are in great demand as our population ages.

Students participate in an eight- to twelve-week (or 2-3 months, depending on the training site) structured research, clinical, and didactic program in geriatrics, appropriate to their level of training and interests. Research projects are offered in basic, translational, clinical, or health services research relevant to older people. Most scholars will do their training and research during the summer months. They will also be invited to submit an abstract to present a poster at the Annual Meeting of the American Geriatrics Society in Long Beach, California May 7 – 9, 2020.

Letters of Intent now accepted for the American Federation for Aging Research's **2019 Grant Programs!**

afar american federation for aging research

Glenn Foundation for Medical Research and AFAR Research Grants for Junior Faculty

Glenn Foundation for Medical Research Breakthroughs in Gerontology Awards

Arthritis and Aging Research Grant

Glenn Foundation for Medical Research Postdoctoral Fellowship in Aging Research

The Irene Diamond Fund/AFAR Postdoctoral Transition Awards in Aging

President Tedd L. Mitchell, M.D. invites you to the

STATE OF THE UNIVERSITY ADDRESS
& FACULTY CONVOCATION

Tuesday, November 27, 2018 | 3 P.M. | ACB 100

Classroom Locations:

Midland
TTPM 210B
PA B01A

Odessa
TTHC 3206

2019

PERMIAN BASIN

RESEARCH FORUM

- Abstract Submissions open – December 15th, 2018
- Abstract Deadline – March 17th, 2019
- Pre-recorded presentations deadline – April 25th, 2019
- Research Day – May 2nd, 2019

INTERNSHIP OPPORTUNITY

United States Census Bureau **Center for Economic Studies**
Dissertation Mentorship Program

The Center for Economic Studies wants to assist doctoral candidates who are actively engaged in dissertation research in economics, sociology, demography, or a related field using Census Bureau microdata at a Research Data Center.

Program participants receive two principal benefits:

- One or more CES staff researchers are assigned as mentors and advise the participant on the use of Census Bureau microdata.
- A visit to the Census Bureau where they meet with researchers from CES and elsewhere and present research in progress. Trip expenses (airfare, hotel, and meals) will be paid for by CES.

Eligible candidates must be:

- Actively working on a Ph.D. thesis in economics, sociology, demography, public policy, or a related field using Census Bureau microdata at a Research Data Center.
- A U.S. citizen.

To apply, email the following to Randy Becker (randy.a.becker@census.gov):

- Contact information, name(s) of faculty advisor, and expected completion date, or a CV with that information.
- Title and abstract of RDC-based dissertation research, including a description of the microdata being used.

Deadline:

- Acceptance will be on a rolling basis, as funding and staffing resources allow.

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

The Writing Center services are now open to all faculty, residents, staff, and students on ALL TTUHSC campuses (except El Paso since they are a separate institution)---please share this with anyone preparing publications, grant applications, etc.

https://app4.ttuhsc.edu/WritingCenter/

County Health Ratings (Ector)

2018				Rank of 242	
	Ector	Midland	Andrews	Tom Green	El Paso
Health Outcomes (of 242)	**151**	**42**	**38**	**61**	**102**
Length of Life	181	65	103	89	19
* Premature death	9,300	7,300	8,100	7,700	5,900
Quality of Life (of 242)	113	46	10	61	226
* Poor or fair health	19%	18%	17%	18%	28%
* Poor physical health days	3.6	3.3	3.3	3.7	4.6
* Poor mental health days	3.4	3.2	3.2	3.4	4.0
Low birthweight	9%	8%	6%	8%	9%
Health Factors (of 242)	**210**	**63**	**83**	**42**	**151**
Health Behaviors (of 242)	199	110	65	94	59
* Adult smoking	15%	14%	13%	15%	15%
Adult obesity	32%	31%	29%	27%	27%
Food environment index	8.4	8.1	8.2	6.7	8.4
Physical inactivity	32%	27%	27%	25%	23%
Access to exercise opportunities	64%	74%	71%	76%	81%
* Excessive drinking	20%	21%	21%	19%	18%
Alcohol-impaired driving deaths	35%	34%	42%	28%	33%
Sexually transmitted infections	705	550	394.8	639.8	560.3
Teen births	76	60	72	42	52
Clinical Care (of 242)	141	60	147	18	105
Uninsured	22%	17%	20%	18%	23%
Primary care physicians	1,700:1	2,730:1	2,590:1	1, 480:1	2,100:1
Dentists	2,580:1	1,940:1	4,440:1	1,940:1	2,280:1
Mental health providers	2,220:1	1,260:1	8,880:1	780:1	1,260:1
Preventable hospital stays	55	47	58	54	46
Diabetic monitoring	75%	80%	77%	88%	78%
Mammography screening	48%	49%	50%	61%	51%
Diabetic monitoring	75%	80%	77%	88%	78%
Mammography screening	48%	49%	50%	61%	51%
Social & Economic Factors (of 242)	219	59	104	71	167
High school graduation	78%	85%	96%	90%	84%
Some college	49%	61%	42%	57.0%	63.0%
Unemployment	6.4%	4.4%	4.8%	4.5%	4.9%
Children in poverty	19%	13%	15%	20%	31%
Income Inequality	4.5	4.4	4.1	4.3	4.8
Children in single-parent households	35%	31%	20%	35%	36%
Social Associations	7.8	10.5	6.6	11.7	4.9
Violent crime rate	848	311	579	281	364
Injury deaths	78	60	88	60	43
Physical Environment (of 242)	149	140	80	103	237
Air pollution-particualte matter	7.6	7.7	7.2	7.2	11.6
Drinking water violations	Yes	Yes	Yes	Yes	Yes
Severe housing problems	17%	15%	11%	15%	20%
Driving alone to work	82%	85%	78%	81%	80%
Long commute-driving alone	23%	18%	26%	11%	30%
2018					

Note: Blank values reflect unreliable or missing data

*Data should not be compared with prior years due to changes in definition/methods

If you are looking for research ideas, this would be an excellent place to start! For more information, visit: http://www.countyhealthrankings.org/

Congratulations to Dr. Jesus Vera-Aguilera, former TTUHSC resident, on being appointed as Assistant Professor of Medicine at Mayo Clinic!

(Photo Credit: Mark Sterkel, *Odessa American*)

MAYO CLINIC

Mayo Clinic
College of Medicine and Science

Jesus Vera Aguilera, M.C.

Assistant Professor of Medicine

Cathy Lovett (CRI) November Visit Dates

Clinical Research Institute Managing Director, Cathy Lovett

Will be at the Permian Basin campus on December 11th and 12th.

Contact Isabel Garza to set up an appointment

isabel.garza@ttuhsc.edu

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 Isabel Garza at Isabel.garza@ttuhsc.edu or Brance Davis at brance.davis@ttuhsc.edu

CONTACT US	