

RIED QUARTERLY:

*A digital newsletter from the Division of Research, Innovation and Economic
Development*

March 2023

Highlights in this Issue

- Research Symposium
- Faculty Spotlight
- RIED New Staff Members
- Grant Proposal Data
- New Funding Update
- Upcoming Training (Maestro, NSF, etc.)

2023 Research Symposium

This year's Research Symposium was attended by 415 participants where 78 research posters were showcased. The President's Excellence in Research Scholars (PERS) opportunity awarded approximately \$948,000 in funding for 41 student-led research projects that took place from June-August 2022. Check out our RIED webpage [HERE](#) for more photos.



Undergraduate Poster Symposium Winners:

First Place

Avery Campbell, Gavin McIntosh, Melanie Little: *Modeling Supraventricular Tachycardia Using Dynamic Computer-Generated Left Atrium*; PI: Dr. Bryant Wyatt

Second Place

Sadie Cohen: *Negative and Positive Aspects of Sex Work: Development of Interventions of Safety and Protection*; PI: Dr. Ebony Lang

Third Place

Vianey Rangel, Cody Drolet, Erin Davis: *Neural Network Models to Predict Minority Voting Behavior in Texas Using the American Community Survey*; PI: Dr. Scott Cook

Graduate Poster Symposium Winners:

First Place

Marshall Baldwin: *Gathering the Needs and Resources of a Community*; PI: Dr. Lindsey Marek

Second Place

Samantha McGovern, Lane Smith, Ryon Springer: *Effect of Dietary Hempseed Meal on Growth Performance and Dry Matter Intake in Yearling Rough-stock Bulls*; PI: Dr. Kimberly Guay

Third Place

Calvin Smith, Dakota Harris, Kase Pennartz: *Regional Motor Unit Firing Behaviors of Mono and Bi-articular Leg Extensor Muscles*; PI: Dr. Mike Luera



Faculty Spotlight: *Shining a Light on Research Interests of Our Faculty*



Name: Dr. Jonali Baruah, Ph.D.

College/Department: Department of Psychological Sciences

What is your role at Tarleton State University and how long have you worked here? I am the Associate Professor of Psychology and I have been working with Tarleton for the past 10 years.

What is your research interest and how did it come about? I am interested in understanding the social and cognitive processes underlying team innovation and productivity. I develop training modules and interventions to facilitate collaborative creativity and leverage diversity in face-to-face as well as video-based groups.

Did you receive any research-related advice from a mentor that really resonated with you? What was that advice? Networking with other researchers is very important. It allows for exchanging thoughts and viewpoints from various perspectives, opening the door to great collaborations.

What research are you currently engaged in? I am currently engaged in three major projects: 1) Effects of prolonged exposure to video-based meetings on mental health such as Zoom Fatigue. 2) Developing a technology that will enhance participation, creative thinking, and equity in a video-based team context.

Describe an externally funded project that you have led or participated in, if any, and what you learned or discovered from that experience. We are currently working on a project that is funded by National Science Foundation. In this project, we are developing a socio-cognitive module to facilitate video-based meetings. Using psychological and machine learning perspectives, our interdisciplinary team is developing a prototype that will send discreet prompts regarding participant's attention, productivity, turn-taking and speaking time, and creativity in a live video-meeting. This is an ongoing project but as we began to work with video-based groups with the above aim, our content analyses of the participant's responses revealed comments regarding fatigue, tiredness, anxiety, burning eyes,



and lack of focus. Consequently, we have directed our attention to Zoom Fatigue, a new mental health concern among video-based groups

What advice do you have for new researchers? Network with other researchers in your field. Attend conferences, workshops, and seminars to meet other researchers, exchange ideas, and learn about new developments in your field. Identify potential collaborators or mentors who can offer guidance and support throughout your research journey.

Meet the New RIED Staff Members

David Ventris joined our team in November 2022, serving as Proposal Administrator II in RIED’s pre-award. He helps with assisting PI’s in the proposal stage, forwarding their proposals to various sponsors.

Connor Kelly is our new Media Intern who joined our team in November 2022. He is currently redesigning our website to make it easier to access resources in proposal, post-awards, and even in compliance. He also manages our social media, and helps with our newsletters.

Maria Ross joined our team in February 2023, serving as Grant Administrator II in RIED’s pre-award. She assists PI’s with grant proposal budget development and submitting proposals to various sponsors. As well as facilitating management of external funding awards as liaison between the investigator, sponsor, and post award specialist.

Grant Proposal Submissions by College (from September 2022-current)

College	# Submitted	# Awarded	Amount Awarded
COANR	19	1	\$442,462.00
COB	3	1	\$1,500.00
COE	5	1	\$ 750.00
COLFA	13	2	\$ 380,928.38
COSM	8	1	\$7,500.00
CHSHS	6	0	\$0.00
MCOE	6	1	\$50,000.00
Academic Affairs	1	0	\$0.00
Graduate Studies	3	0	\$0.00
AgriLife	1	7	\$372,236.20
TIAER	4	3	\$3,290,120.00
TOTAL	69	10	\$ 8,874,548.74



Congratulations to the following PI's (from September 2022 to present):

<i>Faculty</i>	<i>Amount</i>	<i>Agency</i>
Fei Wang	50,000.00	Texas Department of Transportation
Jimmy Millican	90,120.00	Texas Commission on Environmental Quality
Ali Saleh	3,200,000.00	USDA-Office of the Chief Economist & General Land Office
Rita To	1,500.00	Association for Consumer Research
Jonali Baruah	98,746.00	National Science Foundation
Dustin Edwards	5,944.00	Texas Tech University - National Wild Turkey Foundation
Aimee Shouse	192,139.00	Texas Higher Education Board
Rupa Iyer	76,423.50	General Land Office
Adam Mitchell	464,178.00	USDA – APHIS & Matagorda Bay Mitigation
Darrel Murray	22,950.00	Tree Fund - Ecosystem Regeneration
Julie Howell	50,000.00	Charles Butt Foundation-Raise Your Hand Texas
James Muir	14,443.00	University of Georgia Foundation-Southern SARE
Jennifer Edwards	380,928.38	TAMU-HSC - COVID: NE Texas Counts-Vaccine Education & DSHS - COVID-19 Health Disparities
Trinnet Jones	14,419.20	Chou2 PHARM - CBD Joint Pain in Horses
Troy Thorne	3,500,000.00	USDA-RMA: CAE funds for FY23-24
Jessica Leatherwood	74,620.00	American Quarter Horse Foundation - Response of ...
Michael Huggins	7,500.00	The Texas Pioneer Foundation
Chris Haynes	214,935.00	Texas State University - National Science Foundation
Jesse Meik	87,556.00	BIO-WEST, Inc. w/ Brazos River Authority
Stuart Weiss	9,153.00	Texas A&M AgriLife Research
Jamie Borchardt	750.00	DHHS-SAMHSA-Substance Abuse & Mental Health



RIED Contact Info:

The RIED staff is located on the first floor of Ferguson Hall.

Compliance: Alex Plucker – ext. 9927

Pre-award: Maria Ross – ext. 5439

Post-award: Becky Wood – ext. 1927

David Ventris – ext. 9927

Nelly DiCiccio – ext. 1923

Mark Your Calendar



Please note that every other Wednesday, RIED sends out an email, “Inside Research and Funding Opportunities,” to highlight upcoming possibilities as well as recognize faculty who have been awarded external funding. Let us know if we can help with any of the listed opportunities.



Learn how to use Maestro’s Researcher Portal for your grant proposals and awards. Next training dates are:

- April 10, 2023 - [Register](#)

