

BRAIN WAVES

2026 Spring Edition

Message From BHC Director:

Friends,

In the year ahead, the Brain Health Consortium (BHC) will build on our strong momentum with a focused vision for advancing UT San Antonio's leadership in brain health research. We will continue to strengthen our competitiveness for large, multi-investigator grants by supporting collaborative proposal development, mock reviews, and strategic resubmissions aligned with national priorities across stem cells/precision medicine, neuroscience, biomedical engineering, psychology & learning.



Interdisciplinary collaboration is at the heart of the BHC's mission. This year, we will deepen partnerships across multiple UTSA colleges, centers & institutes, as well as UT Health, to drive innovation in neuroscience, mental & behavioral health, warfighter rehabilitation and resilience, and AI-enabled advances in brain health. Targeted summer discovery fellowships and grant-development workshops will continue to spark new multi-lab scientific directions. Supporting the next generation of scientists is equally essential. We will expand travel support that enhance trainee visibility, productivity, and career development. As our research enterprise grows, we will continue working closely with the VPR office to improve operational efficiency through streamlined administrative processes, strengthened tracking systems, and infrastructure that keeps pace with our rapidly expanding portfolio. I look forward to all we will accomplish together as a community dedicated to advancing brain health for all.

With warm regards,

A handwritten signature in black ink, appearing to read 'Jenny Hsieh', written in a cursive style.

Jenny Hsieh

Semmes Foundation Distinguished Chair in Cell Biology
Director, UTSA Brain Health Consortium

What's Inside

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Our Team

The BHC is dedicated to helping investigators excel in their research. We provide comprehensive support across the entire research lifecycle - from identifying funding opportunities to managing grants and ensuring compliance with sponsor and institutional requirements. Our team assists with budget development and oversight, coordinates reporting, and helps navigate complex regulations so researchers can focus on advancing scholarship and innovation. Above all, our mission is to empower faculty success and foster growth - both for individual investigators and for UT San Antonio's broader research enterprise.



Jenny Hsieh PhD
Director



Leslie Neely PhD
Associate Director



Greg Granados
Operations Manager



Cheryl Lange
Fiscal Manager



Jenna Foster
Research Program Coordinator

CONTACT US!

We want to hear from you! Please share any general questions, as well as awards, publications, or news you'd like us to highlight.

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EVENTS AT

A GLANCE...

Spring 2025 - Neuroscience Symposium

The Spring Neuroscience Symposium, hosted by Dr. Anthony Burgos-Robles (COS–NDRB), focused on the theme “Prefrontal Cortical Functions Beyond Fear.” This event brought together leading researchers investigating how neural circuits shape behavior and pathology, with particular emphasis on the prefrontal cortex and its involvement in fear and stress-related disorders. The symposium also explored several interconnected areas of neuroscience, including the neural circuits underlying long-term memory loss, offering insights into how disruptions in these systems contribute to cognitive decline. Additional discussions examined the circuitry supporting avoidance behavior, highlighting how the brain encodes and regulates adaptive and maladaptive responses to threat. Finally, sessions on cortical control of innate behavior provided an integrated view of how cortical and subcortical networks interact in both healthy and disease states.



Fall 2025 - Distinguished Public Lecture

The year concluded with an outstanding addition to our Public Lecture series featuring Dr. Matthew Goodwin (Northeastern University). His talk highlighted cutting-edge research showing how wearable biosensors combined with machine-learning algorithms can predict imminent aggressive behavior in individuals with autism. By continuously tracking physiological signals—such as cardiovascular activity, electrodermal responses, and movement—his team can detect subtle changes that precede episodes of self-injury, emotional dysregulation, or aggression toward others. Dr. Goodwin demonstrated that these physiological patterns can forecast aggressive behavior several minutes before it occurs with meaningful accuracy. This capability offers a promising foundation for just-in-time adaptive interventions that could alert caregivers or clinicians and potentially prevent escalation or harm. Grounded in data from a large multisite study, this work underscores the potential of objective, data-driven approaches to reduce unpredictability and improve quality of life for individuals with autism and those who support them.



MORE

EVENTS...

AIM 2025 Health R&D Summit

The AIM 2025 Health R&D Summit, held June 16 at the Downtown Convention Center, brought together leaders from academia, industry, and the military to advance collaborative innovation in medical research and dual-use health technologies. The one-day event convened hundreds of participants for sessions on future biodefense, operational medicine, disaster and combat casualty care, and strategies for preventing and treating traumatic brain injury (TBI) and PTSD. The program also featured poster sessions, young-investigator presentations, and networking events that fostered partnerships across sectors. Overall, the summit served as a catalyst for cross-disciplinary collaboration aimed at accelerating the development of next-generation, life-saving medical technologies.



In 2025, the UTSA Brain Health Consortium had an exceptionally active and productive year, marked by significant growth in research, collaboration, and community engagement. The consortium advanced multiple interdisciplinary initiatives, strengthened partnerships across UTSA and UT Health San Antonio as well as with external collaborators, and hosted events that brought together researchers, clinicians, and students committed to understanding brain health and disease. These collective efforts reinforced our expanding role in driving neuroscience discovery and translating advancements to benefit the broader community.



A brief recap of the year's highlights follows:

- Day at the Capitol
- Viva Science at the Witte Museum
- RegenMed SA Conference
- CBN-BHC Picnic
- Annual Business Dinner
- Texas Epilepsy Research Alliance
- Public Engagements and Research Tours



UPCOMING

EVENTS...

Spring 2026 Neuroscience Symposium *From Place Cells to Cognition* Thursday, March 26th



Francesco Savelli, PhD

Assistant Professor
Univ. of Texas at San Antonio
Dept. of Neuroscience, Developmental & Regenerative Biology

"Building a Place Code in the Hippocampus: Synaptic and Behavioral Plasticity"



Annabelle Singer, PhD

Associate Professor
Emory Univ. and Georgia Tech
Dept. of Biomedical Engineering

"Dynamic Worlds, Dynamic Circuits: Neural Computations for Learning in Changing Environments"



Albert Lee, PhD

Associate Professor
Harvard Medical School
Division of Medical Sciences

"Volitional Activation of the Hippocampus for Recall and Planning"



Jill Leutgeb, PhD

Professor
Univ. of California San Diego
Division of Biological Sciences

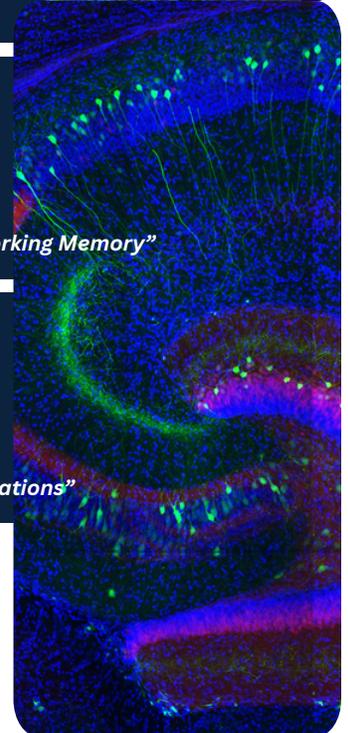
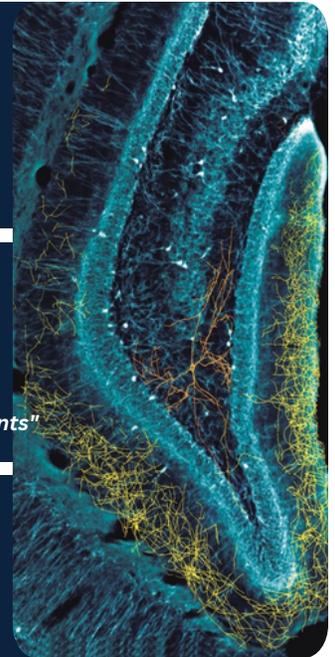
"Hippocampal Network Computations for Mental Exploration and Decision-Making during Working Memory"



Kamran Diba, PhD

Associate Professor
Univ. of Michigan Medical School
Dept. of Anesthesiology

"Neural Refinement in the Quiet Brain: Hippocampal Retuning and the Slowing of Theta Oscillations"



Location: Bioscience Building (BSB)

Loeffler Room - 3.03.02

Time: 9:00am - 5:00pm

Free and open to the public

TRANSDISCIPLINARY Research

Stem Cells and Precision Medicine

Stanton McHardy, Chemistry, COS

Dr. McHardy's lab focuses on medicinal chemistry, specifically the design, synthesis, and development of small-molecule compounds. Current research targets include novel therapeutics for breast, ovarian, and brain cancers; metabolic diseases; Schistosomiasis; biofilm inhibition; and dengue virus. The lab also develops new synthetic methodologies to enable the efficient creation of drug-like molecules and natural products.

Website: <https://utcidd1.wpenginepowered.com/>

Neuroscience

Marina Silveira, Neuroscience, Developmental and Regenerative Biology, COS

The Silveira lab uses behavioral, electrophysiological, and computational approaches to uncover fundamental principles of auditory processing. Their work investigates how neurons in the auditory brainstem and cortex encode sound, how binaural cues and neural circuits enable sound localization in complex environments, and how noise-induced or age-related hearing loss reshapes central auditory pathways to identify potential targets for therapeutic intervention.

Website: <https://silveiraslab.com/>

Neuroengineering

Sakiko Oyama, Kinesiology, HCAP

Dr. Oyama, in collaboration with Dr. Cheever, directs the Applied Biomechanics Lab, which focuses on preventing injuries and enhancing performance and well-being in individuals at risk. Her research centers on identifying and modifying movement patterns and physical characteristics—such as strength, flexibility, and core stability—that contribute to injury susceptibility.

Website: <https://hcap.utsa.edu/kinesiology/research/applied-biomechanics-research-lab.html>

Psychology and Learning

Alan Meca, Psychology, HCAP

Dr. Meca leads the Team on Acculturation, Risk, and the Development of Identity and Self (TARDIS) Lab, which focuses on understanding identity development across multiple domains—including ethnic/racial, academic, military, and parental identity. His work examines how these identity processes relate to psychosocial functioning (such as well-being and internalizing/externalizing symptoms), health-risk behaviors (including alcohol use and risky sexual behavior), and educational achievement.

Website: <https://hcap.utsa.edu/psychology/research/tardis-lab/>



Collaborative Research Efforts

One important outcome of the UTSA–UTHSA merger has been closer alignment between the BHC and the Center for Biomedical Neuroscience (CBN) (lsom.uthscsa.edu/cbn). Both centers share a mission to advance understanding of the brain and nervous system through multidisciplinary research. The BHC brings together experts in neuroscience, stem cell biology, engineering, psychology, and learning sciences to address neurological disorders and brain health challenges, while the CBN serves as UTHSA’s central hub for neuroscience research, supporting discovery from fundamental mechanisms to translational approaches for brain disorders.

Founded in 2001, the CBN functions as an umbrella organization for neuroscientists and neuroscience-related activities across UTHSA. Its mission is to enhance and promote neuroscience teaching, research, service, and outreach. The CBN now includes more than 120 members spanning 6 basic science and 11 clinical departments across the Medical School, Dental School, School of Nursing, School of Health Professions, the Research Imaging Institute, the Barshop Institute, the Biggs Institute, the Mays Cancer Center, and the Military Health Institute.

The CBN supports collaborative pilot projects and fosters multidisciplinary partnerships across the medical campus, strengthening a broad neuroscience portfolio that includes clinical research and the development of new therapies. Similarly, the BHC provides internal seed funding to catalyze new, transdisciplinary initiatives in applied brain health. These complementary efforts create valuable opportunities for synergy—leveraging the BHC’s basic science strengths alongside the CBN’s clinical expertise to accelerate translation from bench to bedside.

Both organizations also prioritize training the next generation of neuroscientists and clinicians. The BHC supports trainees from multiple disciplines, while the CBN enriches neuroscience education across UTHSA’s health professional schools. We look forward to the emergence of joint research seminars, courses, workshops, and co-mentored PhD or MD/PhD programs as this collaboration continues to grow.



Associate Professor of
Research



Germán Plascencia Villa, Ph.D.



Dr. Plascencia Villa earned a PhD in Biochemistry and Biotechnology, specializing in protein engineering and advanced imaging. Following his graduate training, he received a fellowship to conduct postdoctoral research at UTSA under Dr. George Perry, later joining the institution as Research Faculty. His current work focuses on deciphering the molecular mechanisms of programmed cell death under oxidative stress and in neurodegenerative conditions, using an integrative approach that combines cell biology, advanced imaging, omics technologies, and neuroscience.

Publications can be found in the NIH PubMed database under “Plascencia-Villa G”, including works such as “Potential Effects of Glucagon-Like Peptide-1 Receptor Agonists in Patients With Diabetes and High Risk for Dementia”

How did you get involved in Alzheimer’s research?

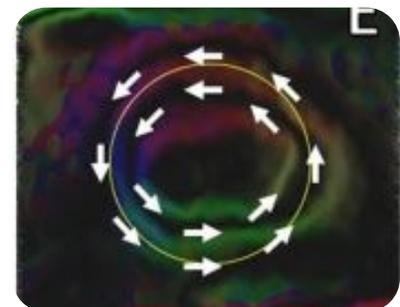
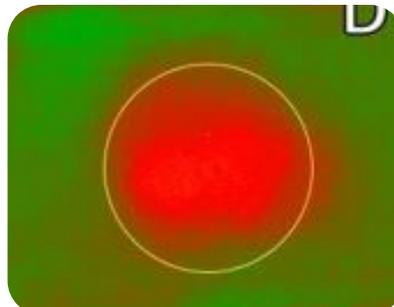
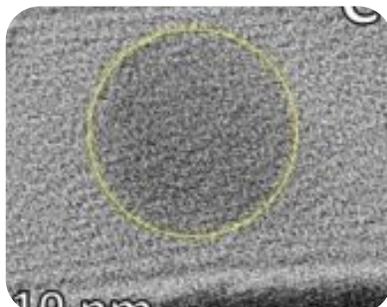
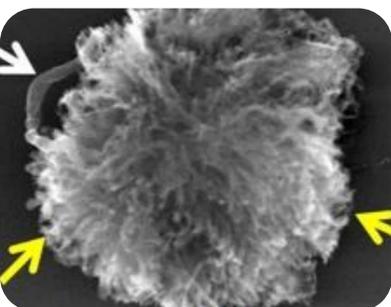
During my postdoctoral research, I applied advanced imaging methods—including ultra-high-resolution SEM, high-resolution TEM, and atomic-resolution TEM/STEM—to analyze protein aggregates from Alzheimer’s disease brain tissue. We discovered that amyloid-beta aggregates contain bound inorganic elements, specifically iron and copper, in highly structured nanoparticles. These findings revealed a previously underexplored inorganic component leading me to further investigate the chemical signatures and oxidative states of metals within amyloid-beta and tau aggregates during neurodegeneration.

What advice would you give to new postdoctoral researchers?

Consider applying to career development programs - many excellent options are sponsored by the NIH. These programs support the transition from postdoc to faculty in a structured format that include workshops, senior faculty mentorship, and grant-writing training. They also helped me build a strong community of early-career researchers from institutions across the U.S.

What is one thing you did not expect when becoming a faculty member?

It is really important to understand administrative processes at all levels - university, department, and funding agency - to effectively apply for research funding. Also, it is important to develop and maintain collaborations with other researchers, as these partnerships help expand, strengthen, and complement your work.



SPOTLIGHT

On Student **Research**

Laura Pinto,

BS Biology, Minor in Chemistry & Biliterate Certification

DRS PhD Student, NDRB - COS



Laura Pinto is pursuing her PhD in Developmental & Regenerative Sciences under the mentorship of Dr. Chris Navara, Professor of Research in the NDRB Department and Director of the UTSA Stem Cell Core. Her research centers on neurodegenerative diseases, with a focus on Parkinson's disease (PD), the second most common neurodegenerative disorder after Alzheimer's disease. Laura is developing the in vitro component of a preclinical model using common marmoset pluripotent stem cells to replicate PD-related phenotypes. Establishing this model will help bridge in vitro findings with in vivo outcomes to support the development of safer and more effective treatments relevant to human clinical care.

What inspired her to pursue this path:

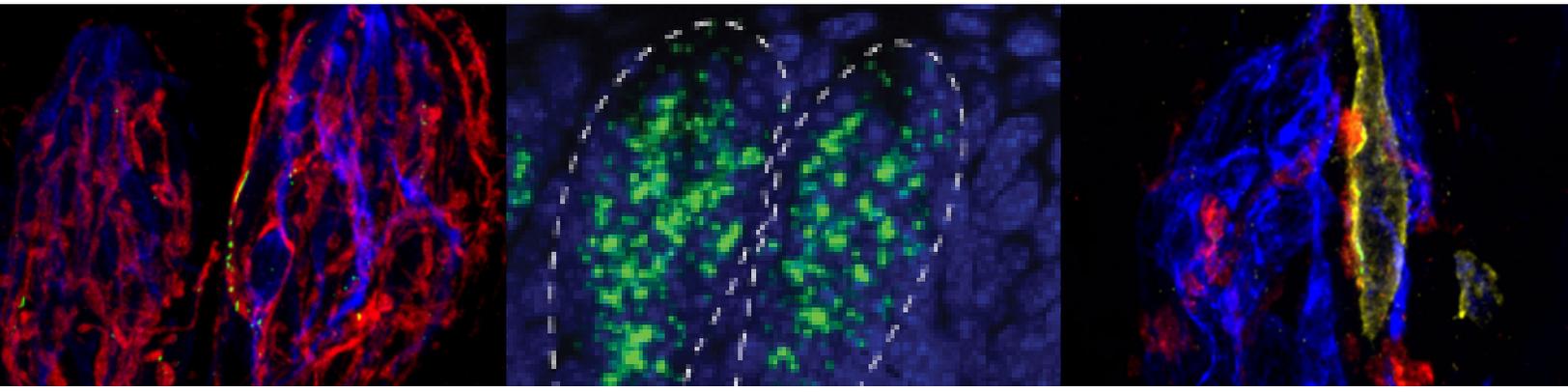
Laura previously spent eight years in the tissue banking industry working with human transplant tissue. Her background in the biological sciences, combined with her role as a steward of donated tissues, strengthened her commitment to supporting life-saving applications. Drawn to the Developmental and Regenerative Sciences PhD program for its rigorous training and unique opportunities, she now aims to create the in vitro portion of a preclinical model that captures PD phenotypes and contributes to advancing therapeutic development.

Future goals:

After graduation, Laura plans to transition into a research role in industry, where she can apply her problem-solving skills and expanded expertise to bring new perspectives to the field.

Publication:

Shannon Landon, Emily Holder, Amber Ng, Ryan Wood, Eduardi Kuri, Saima Humayun, Laura Pinto, Lindsey Macpherson (2025). Taste cells depend on axon proximity to generate presynaptic sites. PLoS One, 20(6): e0325312. <https://doi.org/10.1371/journal.pone.0325312>.



Student Awards Announcements

Congratulations to outstanding students
securing individual funding!

CurePSP Student Fellowship

CurePSP Student Fellowships support students and trainees conducting summer research projects focused on progressive supranuclear palsy (PSP) or corticobasal degeneration (CBD). The goal of the program is to encourage emerging scientists to pursue long-term research careers in these areas and to help advance our understanding of these disorders. PSP, CBD, and multiple system atrophy (MSA) are neurodegenerative brain diseases that can affect speech, balance, walking, swallowing, vision, cognition, and autonomic function. They may also cause symptoms similar to Parkinson's disease—such as tremor, stiffness, and slowness—which can lead to an initial misdiagnosis. For this reason, PSP, CBD, and MSA are often grouped under the category of “atypical parkinsonism.” Because these conditions are progressive, symptoms typically change and worsen over time.



Impact of Fatty Acid Induction on Formation of PSP and CBD Tau Aggregates

**Charles Garcia -
Neuroscience PhD Student
with Dr. Truman Chris Gamblin**



Cracking the Phosphorylation Code of Tau Filaments in PSP

**Veena Prasad -
Developmental & Regenerative Science PhD Student
with Dr. Truman Chris Gamblin**

Barry Goldwater Scholarship

The Goldwater Foundation Scholarship is one of the nation's oldest and most prestigious awards for undergraduates pursuing careers in the natural sciences, mathematics, and engineering. The program identifies and financially supports exceptional sophomores and juniors who show strong potential to become future research leaders in fields critical to national security and global competitiveness. Applicants must demonstrate outstanding academic performance in an eligible discipline, have meaningful research experience, submit a compelling career-focused essay, and provide three letters of recommendation. In 2025, UTSA and Baylor University were the only Texas institutions with four students selected. Over the past six years, UTSA has produced more Goldwater Scholars than any other university in the state. Notably, two of UTSA's four 2025 awardees conduct research in labs affiliated with the BHC.



**Emily Holder -
Neuroscience
Undergraduate Student
with Dr. Lindsey Macpherson
NDRB COS**



**Marco Garza -
Electrical and Computer Engineering
Undergraduate Student
with Dr. Guenevere Chen
ECE KLESSE**

Secihti-ConTex Doctoral Fellowship

ConTex is a joint initiative between The University of Texas System and Mexico’s Secretariat of Sciences, Humanities, Technology and Innovation (Secihti). Established in 2016, it strengthens academic and research collaboration between Texas and Mexico through long-term, bilateral partnerships. Secihti currently operates 26 research centers across Mexico and supports the creation of National Research Laboratories and Thematic Research Networks. Through its programs, ConTex enables researchers in both countries to pursue shared scientific discoveries and breakthroughs. Its fellowships also provide students and scholars with exceptional educational and training opportunities, preparing them for future research leadership and meaningful global impact.



**Cecilia Alducin Martinez -
Neuroscience PhD Student
with Dr. Matthew Wanat
NDRB COS**



**Laura Pinto -
DRS PhD Student
with Dr. Chris Navara
NDRB COS**

By the Numbers

By combining the contributions of our exceptional student researchers with the unwavering dedication of our faculty, the BHC continues to grow stronger each year.

BHC	Proposals	Awards	Expenditures	Publications
FY24	100 total: \$71.5M	16 total: \$4.9M	\$6.9M	423
FY25	98 total: \$73.9M	14 total: \$11.8M	\$7.1M	358

BHC Faculty In the Press

Here, we highlight selected manuscripts by our members.

Communication is central to scientific progress and innovation. As we close out 2025 and begin 2026, the BHC has produced at least 358 unique publications. Our commitment to advancing understanding of the brain remains strong, and we will continue to share discoveries, spark new questions, and push the boundaries of knowledge.

Alfonso Apicella - Prof., NDRB, COS



Distinct electrophysiological properties of long-range GABAergic and glutamatergic neurons from the lateral amygdala to the auditory cortex of the mouse.

By: Bertero A, Apicella AJ.
J Physiol. 2024 Apr; 602 (8): 1733-1757. doi: 10.1113/JP286094.

<https://physoc.onlinelibrary.wiley.com/doi/10.1113/JP286094>

Yanmin Gong - Assoc. Prof., Elec. and Comp. Eng., KLESSE

Carolina Vivas-Valencia - Assoc. Prof., BME, KLESSE



Community-level factors influencing the duration of buprenorphine treatment in individuals with opioid use disorder: a cohort study using US longitudinal claims data

By: PA Jaimes-Buitron, K Zhang, Y Gong, Y Guo, C Bauer, C Vivas-Valencia
BMJ Public Health. 2025;3:e003767.

<https://doi.org/10.1136/bmjph-2025-003767>



Casey Straud - Assoc. Prof., Psychology, HCAP



The General Military Support Scale: An examination of factor structure and psychological correlates

By: Straud, Casey L., Kiara H. Buccellato, Sarah Vacek, Willie J. Hale, Monty T. Baker, William C. Isler, Brett T. Litz, Richard J. McNally, and Alan L. Peterson
Military Psychology (2025): 1-11

<https://doi.org/10.1080/08995605.2025.2495371>

Faculty Award Recap

We'd like to take a moment to highlight and celebrate recent achievements by our faculty. Despite 2025 being a challenging year for budgets, our team stayed focused, resilient, and continued submitting strong proposals. Their dedication ensured that progress never slowed—and the wins speak for themselves.

PI/Co-PI	Project Title	Awarding Agency	Funded Amount
Dr. Ed Golob	"Targeted auditory plasticity training to improve central hearing in mild TBI"	US Dept of Defense	\$541,658
Dr. Alexey Soshnev	"Regulation of transcription factor function by local chromatin context"	Cancer Prevention and Res Inst of TX	\$249,561
Dr. Melanie Carless	"Preclinical Modeling of Neural Regulatory Networks in Baboon Epilepsy"	NINDS	\$582,656
Dr. Ed Golob	"Testing mechanisms for relations between high-level cognition and perception in normal aging"	NIH	\$1,874,970
Drs. Jenny Hsieh, John McCarrey, Matt Wanat	"Integrating Neuroscience with Developmental and Regenerative Biology (INDARB) Training Program"	NINDS	\$548,570
Drs. John Davis, Leslie Neely	"Workforce Development for Neurodevelopmental Disability (WD-NDD): Employer-Focused Practices to Facilitate Neurodiversity in the Workforce"	US Dept of Education	\$9,012,187
Dr. Marina Silveira	"Age-related changes in neuromodulatory signaling in the auditory midbrain"	Hearing Health Foundation	\$100,000

Faculty Awards cont.

PI/Co-PI	Project Title	Awarding Agency	Funded Amount
Drs. German Plascencia Villa, George Perry	"ReCARDO: Using Real-World Data (RWD) to Derive Common Data Elements (CDEs) for Alzheimer's Disease (AD) and AD-Related Dementias (ADRD) Research Through Ontological Innovation"	The University of Texas Health Science Center at Houston	\$603,400
Drs. Carlolina Vivas-Valencia, Leslie Neely	"AI/ML models designed to improve the quality of life for individuals with disabilities"	The University of North Texas Health Science Center at Forth Worth	\$100,000
Drs. Jenny Hsieh, Fidel Santamaria	"EFRI BEGIN OI: Integrating Human-Derived Neural Networks and AI for Information Processing in Brain Organoids"	NSF	\$1,011,794
Dr. Leslie Neely	SCC-PG: Securing Safety: Leveraging Advanced Technologies for Coordinated Response and Tech-Enhanced De-escalation Support of Autistic Individuals	Southern Methodist University	\$31,535
Dr. Lindsey Macpherson	"Comprehensive functional phenotyping of trigeminal neurons innervating temporomandibular joint masticatory structures in male, female and aged mice, primates, and humans with and without myalgia"	NIH	\$70,343
Dr. Parul Varma	"Understanding DLG4 Synaptopathies using cerebral organoids"	Texas Woman's University	\$46,863
Drs. Jeremy Sullivan, Felicia Castro Villareal	"Team D.E.E.P (Deaf Education and Educational Psychology) for Kids"	UTHealth SA	\$26,875

New Academic Offerings:

The College of Education and Human Development is introducing a bachelor of science in behavioral science to prepare graduates to work in educational and therapeutic settings. Students in this degree program can gain a comprehensive understanding of human development, learning theories, counseling techniques and principles of behavior analysis.

With four unique program tracks to choose from, you can customize your degree to match your passions and career goals. Graduates go on to work with children, adolescents and adults in schools, clinics, counseling centers, mental health facilities, non-profit organizations and more.

- **Behavioral Science**

- This track is well-suited for students who know they want to become professional helpers, providing exposure to a variety of behavioral science career paths and helping to develop skills that apply to many professions (healthcare, nonprofit management, professional counseling or educational psychology).

- **Applied Behavior Analysis**

- This track provides evidence-based framework for understanding and influencing human behavior. You'll develop skills in applying behavioral principles to improve individual and community outcomes, with specialized focus in autism intervention, self-management strategies, dementia care and crowd behavior dynamics.

- **Addiction Sciences**

- This track prepares graduates to earn their Licensed Chemical Dependency Counselor (LCDC) credential. This field focuses on work with individuals and families who are struggling with Substance Use Disorder(s). LCDC professionals may work in settings such as clinics, rehabs, hospitals, non-profits and college/university settings.

- **Child Life Sciences**

- This track prepares graduates to earn a Certified Child Life Specialist (CCLS) credential. CCLS professionals work with children and families coping with stressful medical experiences. These professionals work in or in tandem with hospitals and conduct their work within inpatient, outpatient and home environments.

While pursuing the BS in Behavioral Science, you'll have the opportunity to earn a variety of professional certificates. These certifications provide students with tangible, industry-recognized qualifications that will give you a competitive edge in the field of your choosing. Certificate options include:

- Certified Dementia Practitioner
- Child Life Specialist
- Licensed Chemical Dependency Counselor
- Registered Behavior Technician



For more information:

<https://future.utsa.edu/programs/undergraduate/behavioral-science/#tracks>

FEATURED CORE

Optical Imaging Facility

High-end instrumentation for acquisition and analysis of optical data is expensive and requires continued maintenance and improvements. The necessary commitment to this technology is often difficult to maintain within individual laboratories, especially when optical imaging is not a major focus for the laboratory. Therefore, the Core Optical Imaging Facility fills a critical need of the scientific community by offering:

- access to state-of-the-art technology for imaging of living cells, tissues, and animals.
- consultation, education and assistance regarding the theory and application of optical imaging techniques.
- technical advice on specimen preparation techniques and probe selection.

New developments in optical microscopy coupled with the vast array of bio-reagents available have made it possible to observe directly the dynamics of the molecular, chemical, structural and functional environment of cells at the cellular and sub-cellular level. In particular, fluorescence microscopy has become an essential tool for scientist to detect cellular components using antibodies, nucleic acid probes and fluorescent fusion proteins as markers and to observe physiological changes using fluorescent ion indicators.

User Support Services

Our Core Provides The Following Resources:

- Zeiss LSM 980 Confocal with Airyscan 2 super-resolution
- Zeiss LSM 710 Confocal
- Olympus FV1000 Confocal/Multiphoton
- Nikon Swept Field Confocal Microscope
- Prairie Confocal/Multiphoton System
- Zeiss Lightsheet 7 Microscope
- Nikon N-STORM Super Resolution Microscope
- Olympus IX 83
- Nikon Eclipse 2000
- IVIS Spectrum in vivo imaging system
- Various Workstations: Imaris suite, Nikon Elements, Olympus cellSens, and IVIS Spectrum

Contacts:

Research Core Director

Exing Wang, Ph.D.

(210) 562-4062

wange3@uthscsa.edu



For more information on this core and others please visit us at:

<https://lsom.uthscsa.edu/dcsa/research/cores-facilities/optical-imaging/>

Special Thanks

To our BHC Donors

Baptist Health Foundation of San Antonio
The Brown Foundation
The Lowe Foundation
The Max and Minnie Tomerlin Voelcker Fund
The Mindfull Foundation
The Perry & Ruby Stevens Charitable Foundation
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Smothers Foundation

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www.utsa.edu/giving/



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