



Emerging Scientist Symposium

Department of Psychological Science

APRIL 10, 2025

AGENDA

10:00 AM

Welcome

Mr. Carlos Rodriguez, Master of Ceremony

Scientific Poster Session

Posters will be on display around Ballroom. Student researchers will be by their posters, as time allows.

STC Exhibitors

Phi Theta Kappa, Starfish, CLE, Library, Student Activities, Learning Commons, Advising, Counseling & Guided Pathway Specialists, Ombuds Transfer & Educational Advancement Center

STC Programs & Departments:

Psychological Science, Music, Culinary Arts, Political Science, Philosophy, Mathematics, Child Development

STC External Partners: *Cengage, Bellevue University, St. Paul Lutheran School, UTRGV, TAMUK, Texas State, WGU*

10-11 AM

Poster Session and Exhibitor Tables are open
Please visit with them!

11:00 AM

Talk 1: *Let's Talk About Sex: Family Communications and Sexuality Study*
PSYCH Lab

Desiree Luna, Maritza Mora, Jennifer Reid, & Liza Véliz

11:20 PM

Faculty Panel: *The Intersection of Psychology,* Discussion and Q&A

Moderator: Dr. Blake Armstrong

12:00 PM

Talk 2: *"The Story Behind the Mask"* Phi Theta Kappa Honor Society: Beta Epsilon Mu Chapter HiA Project

PTK Officers: Oscar Hinojosa & Francis Rosales

1:00 PM

Closing Remarks

4TH GRADE TEXAS TRAILBLAZERS ST. PAUL LUTHERAN SCHOOL

Welcome to the Museum of Texas Trailblazers! Listen to, and learn about, significant figures in Texas History. In fourth grade, students study the development of Texas and its history. For their learning fair project, the student chose a significant figure who contributed to Texas throughout the years. The students dressed up as a “wax” figure and shared details about their chosen person. Along with that, they created a trip-fold board displaying a timeline, pictures, and other details, along with an artifact to represent their person.

Dorothy Ann Richards
Koa Barrios Gomez

Sam Houston
Victor Contreras

Emilia Adina de Zavala
Emma Gomez

Miriam Amanda Ferguson
Miette Higginbotham

George W. Bush
Corbin Kirchner

Barbara Jordan
Lia Lara

Lady Bird Johnson
Madeleine Morin

Elizabeth “Lizzie” Johnson Williams
Dasha Rocafuerte

Hector Perez Garcia
Alfonso Joaquin Rodríguez Véliz

George H.W. Bush
London Taylor

Ima Hogg
Avery Vaughan

Clara Driscoll
Nina Vestweber



5TH GRADE PRESENTERS ST. PAUL LUTHERAN SCHOOL

The fifth grade class completed their science fair projects on an experimental research project.

Brooks, Elliot

How does the amount of air pressure affect the distance of a soccer ball?

Colunga, Rodrigo

Which beverage stains teeth more?

Escobar, Michael

How does the weight of paper affect the distance a paper plane flies?

Huff, Kendall

Air dry versus blow drying of natural hair.

Leslie, Skylar

Crunchy Delight versus Soggy Eat

Lopez, Marco

How does fast dancing affect your heart rate?

Menon, Shiv

How does the length of a clock's pendulum affect its period?

Oyediran, Noelle

Which paper towel brand is most absorbent?

Perales, Josiah

Which brand of popcorn leaves the fewest uncooked kernels?

Salinas, Kaylee

Which brand of paper towels is the most absorbent?

Smith, Zander

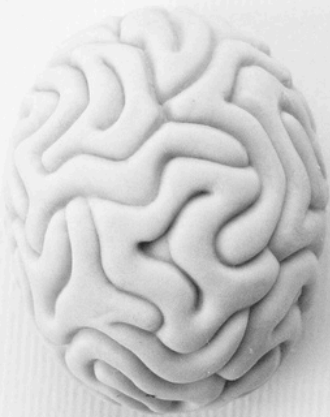
How does weight affect the flight of a paper airplane?

Trevino, Edith

Which whitening toothpaste whitens teeth the most?

Villarreal, Brianna

Which nail polish finish best resists chipping?



ELEMENTARY STUDENT PRESENTER

Bouncing Tennis Balls: Does Temperature Matter?

Emilia R. Garza

Castañeda Elementary

DUAL CREDIT STUDENT PRESENTERS

Caffeine: Does It Wake Us Up?

Aroon Acevedo, Valley View HS

How does social media affect college students?

Genesis Estrada, Valley View HS

Effects Extracurriculars have on Academics

Gabriela Gomez Rodriguez, Valley View HS

Does Lifting improve self-esteem?

Dulce Lopez Guerrero, Valley View HS

Game Changer: Investigating the Role of Audience Feedback on Professional Athletes

Pedro Manzanares, Valley View HS

How does listening to pop music affect happiness levels in young adults?

Ana Mirafuentes, Valley View HS

Positive Effects of Social Media

Hector Ochoa, Valley View HS

Who's Voting?

Cesar Ramirez, Valley View HS

How can Conditioning Techniques be Applied in Workplace Environments to Enhance Productivity and Motivation?

Luis Fuentes, Dante Gallegos, Rodrigo Roman

Sharyland High School

Proposals were created by high school students currently taking a Psychology dual credit course.



DUAL CREDIT STUDENT PRESENTERS

Does TV affect your kids behavior?
Selah Blanco, Vanguard Mozart ECHS

*“Do I need to work harder or Am I just ugly?” The influence
percieved physical attractiveness on treatment in the workplace.*
Paola Coronado, Vanguard Mozart ECHS

Colorful World
Monica Cortez, Vanguard Mozart ECHS

Music effects on psychoneuroimmunology
Daniel Fujarte, Vanguard Mozart ECHS

The effects of social media on teenagers
Nomar Garza, Vanguard Mozart ECHS

Social Media Usage and Stress
Nevaeh Guajardo, Vanguard Mozart ECHS

The effects of different music genres on stress reduction and mood
Juan Martinez, Vanguard Mozart ECHS

Toxic Traits
Noemi Olivares, Vanguard Mozart ECHS

Middle-schooler’s Self Esteem: Is unrestricted Internet at Fault?
Sophia Rodriguez, Vanguard Mozart ECHS

Effects of Mindfulness on Academic Performance
Abner Saldana, Vanguard Mozart ECHS

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currently taking a Psychology dual credit course.*



TRADITIONAL STUDENT PRESENTERS

Teens Dropping the Beat: Focusing on Calming Music to Reduce Heart During Panic Attacks

Iris Acevedo

The Relationship between Exercise and Self-Esteem in Children

Alyssa M. Alfaro

Caffeine Consumption During Pregnancy and the Development of Anxiety in Childhood

Sol Avila

Can weight training improve the self esteem of kids from the ages 10-12?

Alondra De La Garza

Differences in Parental Communication: Educating Pre-Adolescents about Sexual Topics

Marisol Duran Chapel

Sibling Dynamics and Emotional Well-Being

Evelyn Gloria

Etiological Pathway from the Gut Microbiome to Schizophrenia

Justin Gonzalez

Beyond the Teacher: Peer-led Learning and Its Impact on Early Childhood Development

Andrea Hernandez

COVID-19 Post Pandemic Related Anxiety Symptoms and its Impact on College Student Academic Performance

Erika Lemus

TRADITIONAL STUDENT PRESENTERS CONT.

Exploratory Study of Deep Brain Stimulation and other Factors Among Individuals with Parkinson's Disease
Reynaldo Leos

*'Let's Talk About Sex' Study:
A Descriptive Analysis of Family Communication Regarding Sexuality*
Desiree Luna and Maritza Mora

Ctrl+Alt+Parent: Mastering the Art of Digital Discipline
Aislinn Martinez

The Relationship between Classroom Group Activities and Social Anxiety in Female College Students Post-Pandemic
Melissa Martinez Nunez

The Impact of Sleep Deprivation on Postpartum Depression: A Focus on Maternal and Infant Well-Being
Martha Orozco

Active Hearts and Happy Minds: Exploring the Impact of Exercise and Children's Happiness
Alexandra Oviedo

Classroom Seating Effects on Academic Performance
Jonathon Ramirez

The Role of the Gut Microbiome in Schizophrenia and Mental Health
Camila Arauza Ramirez

Understanding Fibropapillomatosis: Epidemiology and Etiology
Edward Tempelton

PROFESSIONAL PRESENTERS

The Value of Robust Debriefing in Online Surveys

Heather Schonherr and Liza Véliz

College of Idaho and South Texas College

The Relationship Between Procrastination and Academic Dishonesty Among College Students

Sara Ann Uribe

South Texas College

For more information on the Associates of Arts in Psychology, Scan Here!



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TALKS & PANEL DISCUSSION

Talk 1: Let's Talk About Sex: Family Communications and Sexuality Study

**PSYCH Lab, Department of Psychological Science
Desiree Luna, Maritza Mora, Jennifer Reid, & Liza Véliz**

Members of the psych lab will share information on their research experience and current study.

Faculty Panel: "The Intersection of Psychology", Discussion and Q&A

Moderator: Dr. Blake Armstrong, Psychology Faculty

Panelists:

Mario Morin, Mathematics Department Chair

Dr. Brittany Leckey, Philosophy Chair

Dr. Melissa Vaughan, Music Faculty

Chef Nadia Casaperalta, Culinary Arts Faculty

Panel will discuss the intersection of psychology with various disciplines. The conversation will be held with faculty members.

Talk 2: "The Story Behind the Mask" Phi Theta Kappa Honor Society: Beta Epsilon Mu Chapter HiA Project PTK Officers: Oscar Hinojosa & Francis Rosales

As part of this year's Honors in Action research project, PTK decided to complete a project focusing on mental health. They will discuss their award winning project and share what they learned through their research.



PHI THETA KAPPA
HONOR SOCIETY



Thank you for attending the
3rd annual
Emerging Scientist Symposium!

Special THANKS to the following:

Research poster printing Sponsor Cengage!!
All participating STC Programs & Departments, Speakers,
Panelist, Dr. Blake Armstrong & Carlos Rodriguez (Master
of Ceremony).

All whom helped make this event a success.

Liza Véliz & Celina A. Jorge
Symposium Organizers



Our mission continues as we foster and promote
psychological science, scientific thinking, literacy
and research skills among emerging scientists at
South Texas College.

See you next year!!