**FIRSTNAME LASTNAME**

City, STATE | (###) ### – #### | firstname.lastname@my.utsa.edu | linkedin.com/in/firstandlastname (optional)

**PROFESSIONAL SUMMARY**

***Research Interests***: Neurobiology – Learning and memory, long term potentiation, Respiratory Biology, Physiology of Vision, Cell and Molecular Biology – Cell adhesion and cancer biology

***Research techniques***: RT-PCR, Confocal Microscopy, Plasmid Miniprep, Hippocampal Field Potential, Recording, Genomic and plasmid DNA, and RNA isolation and purification, Cell Culture, Blat sequence Alignment, Western Blotting, Morris Maze – Behavioral testing, Tissue Culture – Primary and Cell Line

Agarose and acrylamide gel electrophoresis, RNase protection assays, Florescent Focus Assay, Western Blot (Alkaline Phosphatase Method)

***Computer Skills***: Matlab – Intermediate, Microsoft Office, Word, Excel – Advanced, R – Intermediate, C++ Programming – Advanced, Python – Novice

***Certifications***: GALLUP-Certified Strengths Coach (2020), Additional Certification

***Languages***: Fluent in both English and Spanish (reading, writing, speaking)

**EDUCATION**

The University of Texas at San Antonio May/2020

**Doctor of Philosophy in Psychobiology** GPA: 4.0

Dissertation: *A Study of Learning-Disabled Children in a Low-Income Community*

The University of Texas at San Antonio Month/Year

**Master of Science in Psychobiology** GPA: 3.8

Thesis: *Induced Regeneration and Gene Expression in the Chick Limb Bud*

The University of Texas at San Antonio Month/Year

**Bachelor of Science in Biology**  GPA: 4.0

***Continuing Education Courses:***

Name of Course, Organization Month Year

Name of Course, Organization Month Year

**RESEARCH EXPERIENCE**

University of Texas at San Antonio – Mentor: Abigail P. Wigglesworth – Title: *Fatemapping of developing serotonergic neurons in Drosophila melanogaster.*

University of California, Los Angeles – Mentor: Antonio Vearitu – *Microcinematographic analysis of impact of prenatal methyl mercury exposure on dendritic tree of cerebellar Purkinje cells in rats*.

**TEACHING EXPERIENCE**

***Supplemental Instruction Instructor,*** UTSA Tomas Rivera Center 2014, 2016

The University of Texas at San Antonio

Basic Biology

***Teaching Assistant***, UTSA Department of Chemistry 2015

The University of Texas at San Antonio

Basic Chemistry

**PRESENTATIONS**

*Buds in Bugs?* Three Minute Thesis Presentation. UTSA Undergraduate Research Showcase, San Antonio, TX, June 24, 2021.

*Embryonic limb bud regulation correlates with Msx1 expression.* Oral Presentation. Society for Fake Conferences. Atlanta, Georgia, May 17, 2021.

*Embryonic limb bud regulation correlates with Msx1 expression*. Annual Dental Research Day, UT Health San Antonio. San Antonio, TX, November 5, 2020

*Embryonic limb bud regulation correlates with Msx1 expression.* Poster Presentation. UTSA College of Sciences Conference, UT San Antonio, San Antonio, TX, October 6, 2020

*A direct method for extraction of mRNA from frozen sections for use in RT-PCR.* Poster Presentation.Society for Advancement of Chicanos and Native Americans in Science, Atlanta, GA, November 2019

**CONFERENCES**

Society for Neuroscience Annual Conference 2021

Annual Biomedical Research Conference for Minority Students (ABRCMS) 2020, 2019

**PUBLICATIONS**

***Abstracts:***

**Taylor GP**, Muneoka KM. *Embryonic limb bud regulation correlates with Msx1 expression [abstract].* Society for Fake Conferences, San Antonio, TX, November 14, 2020. Conference Cancelled.

Guggenheim DL, **Taylor GP**, Muneoka KM. *Embryonic Limb buds are better than anything else in the world.* Annual Biomedical Research Conference for Minority Students, Atlanta Georgia, October 5, 2020 – Poster Presentation by DLG.

***Refereed Journal Articles:***

**Taylor** GP, Troyer DA, Giambernardi TA, Klebe RJ. *Identification of bacteriophage and symbiotic yeast viruses in cultured Kombucha*. J Food Pathol. 2019 Mar;184(3):332-5. PMCID: 5966565

**SCHOLARSHIPS, HONORS, AND AWARDS**

Gold Key National Honor Society 2021

National Society of Leadership and Success 2020-present

Dean’s List 2019-present

UTSA Honors College – Earning Highest Honors 2019-present

Texas Higher Education Coordinating Board Top 10% Scholarship 2019-present

University of California Berkeley Summer Undergraduate Research Fellowship Program 2019

Texas Excellence Grant 2018

**PROFESSIONAL AFFILIATIONS**

Society for Advancement of Chicanos and Native Americans in Science 2020-present

Society for Neuroscience (student member) 2019-present

International Brain Research Organization 2014-2016

**COMMUNITY INVOLVEMENT**

Science Fair Judge - Fortress Christian Academy, San Antonio, Texas 2018

Math and Science Tutor – Center for Refugee Children, San Antonio, TX 2016-2017

Volunteer – Safety Checking – Texas Science and Engineering Fair, San Antonio, TX 2016

Brain Awareness Week Presenter, Witte Museum and San Antonio Children’s Museum 2015

UTSA Engineering Ambassadors Service Organization 2015

Career Day Lecturer, Jefferson Jr. High School, San Antonio Independent School District, TX 2015

Registered Student Organization: Tri-Beta Honors Science Society 2014-2016

**REFERENCES**

Firstname Lastname email Title/Role, University

Dr. Rowdy Roadrunner firstname.lastname@utsa.edu Research Mentor, UTSA

Dr. Rowdy Roadrunner firstname.lastname@utsa.edu Biology Instructor, UTSA