**YOUR NAME**

Street Address, City, State Zip Code • Phone • Email Address • Linkedin URL

**EDUCATION**

**Ph.D., Microbiology**, University of Texas at San Antonio, May 2018

Dissertations: Analysis of the regulation of leucine biosynthesis by ppGpp in Escherichia coli

**Master of Science**, Microbiology, Texas State University, San Marcos, May 2014

Thesis: Restriction endonuclease analysis of the satellite DNA component from two extremely halophilic bacteria

**Bachelor of Science**, Biology, University of North Texas, Dallas, May 2011

**AREAS OF SPECIALIZATION**

(Optional)

**RESEARCH EXPERIENCE**

**Doctoral Research**, University of Texas at San Antonio, 6/xx – present

Conceived and optimized novel selection procedures using leu::Mud::lac fusions to isolate

1) Mutations in the leucine promoter, and 2) unlinked mutations that give rise to decreased expression of biosynthesis in Escherichia coli. Genetically mapped unlinked mutations. Future work involves analysis in an S-30 in vitro system and cloning of the mutants.

PI: Dr. Tom Jones, Department of Bacteriology

**Masters Research**, Texas State University, San Marcos, 9/xx – 8/xx

Isolated and characterized the satellite DNA component from Halobacterium sp. by density gradient centrifugation and restriction endonuclease analysis.

PI: Dr. George Brown, Department of Microbiology

**Research Assistant**, UT Health, San Antonio, 9/xx-9/xx

Collected, maintained and statistically evaluated data for ongoing studies including drug evaluations, immunological studies, iron therapy studies and studies on long-term dialysis patient care.

PI: Dr. Karen Robbins, Medical Hemodialysis

**TEACHING EXPERIENCE**

**Associate Instructor**, Bacteriological Techniques Laboratory, UTSA, 9/xx-12/xx

Lectured on and demonstrated new techniques. Graded laboratory write-ups.

Dr. Jim Hadderly, Department of Microbiology

**RESEARCH GRANTS**

Co-authored proposal for National Institutes of Health (NIH). Funded $125,000. (Principal Investigator: Thomas Jones, Ph.D.)

**PUBLICATIONS**

Jones, T., and G.M. Brown. 20xx. Use of M13mp phages to study gene regulation, structure and function: cloning and recombinational analysis of genes of the E. coli leucine operon. J. Bact. 26: 147

**ABSTRACTS AND PRESENTATIONS**

(Optional)

**ACADEMIC SERVICE**

**Chairperson**, Microbiology Student Association, UTSA (20xx-present)

**Student Representative**, Board of Admissions and Relations with Schools, Subcommittee on Research (20xx-20xx)

**PROFESSIONAL AFFILIATIONS**

American Association for the Advancement of Science (AAAS)

American Society for Microbiology (ASM)

**HONORS**

**Recipient**, Outstanding Graduate Student Teaching Award, UTSA, May 20xx.

**REFERENCES**

Thomas Jones, Ph.D. [tjones2@utsa.edu](mailto:tjones2@utsa.edu)

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