

CURRICULUM VITAE

Lauren E. Bailey
UPDATED: May 2014

Contact Information:

Work Address: Office: STC #201

**Department of Biological and Environmental Sciences
Texas A&M University – Commerce
Commerce, TX 75429-3011**

Office Phone: (903) 468 – 8648
E-mail: lbailey@leomail.tamuc.edu

Academic Degrees:

Degree	University	Field of Study	Date
B.S.	Texas A&M University – Commerce, Commerce, TX	Biological Sciences	2011
M.S.	Texas A&M University – Commerce, Commerce, TX	Biological Sciences	2014

Research and Employment Experience:

Summer 2014 – Present	Adjunct Instructor Department of Biological & Environmental Sciences, Commerce, TX
Fall 2012 – Present	Graduate Researcher in the Laboratory of Lani Lyman-Henley, Ph.D., Texas A&M- Commerce, Department of Biological & Environmental Sciences, Commerce, TX Grant PI: Dr. Larry Lemanski
Fall 2012 – Spring 2014	Graduate Instructor (GAT/GAR) Department of Biological & Environmental Sciences, Commerce, TX

Fall 2011 – Fall 2012	Graduate Researcher in the Laboratory of Michael C. Hanna, Ph.D., Texas A&M-Commerce, Department of Biological & Environmental Sciences, Commerce, TX <i>(supervised by Lani Lyman-Henley, Ph.D., upon Dr. Hanna's absence, starting in December 2012)</i>
Summer 2011 – Summer 2012	Stable Hand at DJ Quarter Horses for Retired Col. Diana Fleek and Mrs. Jessica O'Neal, Klondike, TX (Part-time)
Fall 2010 – Spring 2011	Undergraduate Researcher in the Laboratory of Michael C. Hanna, Ph.D., Texas A&M-Commerce, Department of Biology & Environmental Sciences, Commerce, TX
Fall 2010 – Spring 2011	Work Study Employee in the Animal Care Facility under director Lani Lyman Henley, Ph.D., Texas A&M-Commerce, Department of Biology & Environmental Sciences, Commerce, TX (Part-time)

Honors and Organizations while at Texas A&M University - Commerce

- Phi Eta Sigma – Honor Society
- Alpha Lambda Delta – Honor Society
- Tri-Beta – Biological Honor Society
- Kappa Delta
- Recipient of Highest GPA Award of Gamma Upsilon chapter of Kappa Delta
- Recipient of Highest Big Sis/ Lil Sis GPA Award of Gamma Upsilon chapter of Kappa Delta
- Recipient of Outstanding Panhellenic Scholars Award
- Equine Club – 2009 -2010
- President's list (multiple semesters)
- Dean's list (multiple semesters)
- Choir Council Recruitment Chair – 2007-2008
- Member of University Singers - 2005-2007
- Member of University Chorale – 2007-2008
- Member of Bluebonnet Chorus – 2007-2009
- Member of TAMU-C String Quartet - 2010-2011

- Recipient of Justus Brown Cameron and Nannie Day Endowment Scholarship – Spring 2009
- Recipient of Music Scholarship(s)
- Recipient as Freshman of Four-year Blue & Gold Academic Scholarship
- Recipient of McGinty – Heard Scholarship Award
- Invited to sing in the alumni choir for Dr. Chris White’s Retirement Celebration – May 2013.
- Recipient of 2013 Tamu-C Summer Thesis/Dissertation Fellowship
- Placed 3rd over 176 entrants in master’s poster presentation category in the Texas A&M System’s 11th Annual Pathways Student Research Symposium.
- Invited by Dr. Jane Welsh to present at TAMU’s annual Society for Neuroscience poster session (January 2014).

Extra Talents

- Coloratura soprano with 10+ years of vocal training.
- Plays viola, violin, piano, and clarinet.

Professional Organizations:

- American Society for Cell Biology
- Texas Academy of Sciences

Grants

- Undergraduate Research Grant, Texas A&M University – Commerce (Spring 2011)

Presentations

Bailey, Lauren E., and L. Lyman-Henley (April 2014). *Masparadin Effects on BMP Signaling Molecules*. Graduate Poster Presentation at Texas A&M University – Annual Graduate Assistant Research Symposium, Commerce, TX.

Bailey, Lauren E., and L. Lyman-Henley (April 2014). *Masparadin Effects on BMP Signaling Molecules*. Graduate Poster Presentation at Federation of North Texas Area Universities Graduate Research Symposium, Denton, TX.

Bailey, Lauren E., and L. Lyman-Henley (Jan. 2014). *Masparadin’s Effects on BMP Signaling Molecules*. Graduate Poster Presentation at Texas A&M University’s Society for Neuroscience poster session. College Station, Texas.

Bailey, Lauren E., T.L. Hanna, and L. Lyman-Henley (Dec. 2013). *Masparadin Effects on BMP Signaling Molecules*. Joint Graduate/Undergraduate Poster Presentation at the American Society for Cell Biology Convention, New Orleans, LA.

Bailey, Lauren E., T. L. Hanna, L. Lyman-Henley (November 2013). *Masparadin's Effects on BMP Signaling*. Graduate Poster Presentation at Texas A&M University Pathways Research Symposium, Kingsville, TX.
-Placed 3rd of 176 entrants in master's poster presentation category.

Bailey, Lauren E., and L. Lyman-Henley (May 2013). *Masparadin Effects on BMP Signaling Molecules*. Graduate Poster Presentation at Texas A&M University – Commerce Annual Graduate Assistant Research Symposium, Commerce, TX.

Bailey, Lauren E., and L. Lyman-Henley (April 2013). *Masparadin Effects on BMP Signaling Molecules*. Graduate Oral Presentation at Texas A&M University – Commerce Annual Research Symposium, Commerce, TX.

Bailey, Lauren E., M. Sun, and M.C. Hanna (Dec. 2012). *Masparadin Effects on BMP Signaling Molecules*. Joint Graduate/Undergraduate Poster Presentation at the American Society for Cell Biology Convention, San Francisco, CA.

Bailey, Lauren E., M. Sun, and M.C. Hanna (Nov. 2012). *Masparadin Effects on BMP Signaling Molecules*. Joint Graduate/Undergraduate Poster Presentation at Texas A&M University Pathways Research Symposium, Galveston, TX.

Bailey, Lauren E., and M.C. Hanna (May 2012). *Masparadin Effects on BMP Signaling Molecules*. Graduate Poster Presentation at Tri-Beta National Biennial Convention, San Juan, Puerto Rico.

Bailey, Lauren E., and M.C. Hanna (April 2012). *Masparadin Effects on BMP Signaling Molecules*. Graduate Oral Presentation at Texas A&M University – Commerce Annual Research Symposium, Commerce, TX.

Bailey, Lauren E., and M.C. Hanna (April 2012). *Masparadin Effects on BMP Signaling Molecules*. Graduate Poster Presentation at Texas A&M University – Annual Graduate Assistant Research Symposium, Commerce, TX.

Bailey, Lauren E., and M.C. Hanna (April 2012). *Masparadin Effects on BMP Signaling Molecules*. Graduate Poster Presentation at Federation of North Texas Area Universities Graduate Research Symposium, Denton, TX.

Bailey, Lauren E., and M.C. Hanna (Nov. 2011). *Masparadin Effects on BMP Signaling Molecules*. Graduate Poster Presentation at Texas A&M University Pathways Research Symposium, College Station, TX.

Bailey, Lauren E., M. Isabel Duran, and Dani L. Leugers (April 2011). *Role of EGFR and Rab-7 in Mast Syndrome*. Joint Undergraduate Poster Presentation at Texas A&M University – Commerce Annual Research Symposium, Commerce, TX.

Mentoring Experience:

Tawny L. Hanna – undergraduate sophomore with a major in pre-veterinary medicine and a minor in the biological sciences. Eventual goals include practicing veterinary medicine/ performing research with exotic cats. Her interest in the Mast syndrome project stems from a desire to apply molecular biology techniques to her future career.

Recently, Tawny has applied for, and received, an undergraduate travel grant, as well as an undergraduate research grant she hopes to use for a side research project involving rats.

Tawny's Presentations:

Hanna, Tawny. L., L.E. Bailey, and L. Lyman-Henley (November 2013). *Masparidin: Possible Regulator of BMPRII*. Undergraduate Poster Presentation at Texas A&M University Pathways Research Symposium, Kingsville, TX.

Hanna, Tawny. L., L.E. Bailey, and L. Lyman-Henley (Dec. 2013). *Masparidin: Possible Regulator of BMPRII*. Joint Graduate/Undergraduate Poster Presentation at the American Society for Cell Biology Convention, New Orleans, LA.

Hanna, Tawny. L., L.E. Bailey, and L. Lyman-Henley (Dec. 2013). *Masparidin: Possible Regulator of BMPRII*. Undergraduate Poster Competition at the American Society for Cell Biology Convention, New Orleans, LA.

Hanna, Tawny. L., L.E. Bailey, and L. Lyman-Henley (April 2013). *Masparidin: Possible BMP Inhibitor?* Undergraduate Poster Presentation at Texas A&M University – Commerce Annual Research Symposium, Commerce, TX.

Tawny's Grants:

- Undergraduate Research Grant, Texas A&M University – Commerce (Fall 2013).
- Undergraduate Travel Grant, Texas A&M University – Commerce (Fall 2013).