

TEXAS STATE VITA

I. ACADEMIC/PROFESSIONAL BACKGROUND

A. Name/Title

DR. ANICA LEE, LECTURER
Department of Biology
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B. Educational Background

Ph.D., Biology, Baylor University (BU), 2014. Dissertation Title: *Community Structure, Ecomorphology, Resource Partitioning, Diet: Implications for Conservation of a Forest-Dwelling Bat Community*
M.S., Biology, Sam Houston State University (SHSU), 2005. Master's Thesis: *Atlas and key to the hair of terrestrial Texas mammals*
B.S., Biology (Chemistry minor), Angelo State University (ASU), 2003
A.S., Biology, Central Texas College (CTC), 2002

C. University Experience

- Lecturer, Texas State University: 2016 – current
- Adjunct Professor, St. Edward's University: 2011-2016
- Visiting Professor, Southwestern University: Fall 2013
- Teacher of Record, Baylor University (teaching labs) – Fall 2007 – 2011
- Lecturer, Sam Houston State University: 2005/2006
- Research Assistant, Department of Biological Sciences and TRIES (Texas Research Institute for Environmental Sciences), SHSU, Wastewater Bioremediation, August 2003-August 2005

II. TEACHING

A. Teaching Honors and Awards:

Den Namesake for Bobcat Preview 2019

Outstanding Graduate Student Instructor Award, Baylor University, 2010.

B. Courses Taught:

Texas State University (Lecturer)

- Global Ecology (BIO 3308) – Summer I 2020
- Modern Biology I (BIO 1320) – Spring 2020 and Fall 2020
- Ecology (BIO 4416) – Spring, Summer I, and Fall 2020
- Ecology (BIO 4416) – Spring and Fall 2019
- Modern Biology I (BIO 1320) – Spring 2019 and Fall 2019

- Vertebrate Anatomy (BIO 4464 – Lecture + Lab Coordinator) – Fall 2018
- Modern Biology I (BIO 1320) – Spring and Fall 2018 (3 sections total)
- Vertebrate Anatomy (BIO 4464 – Lecture + Lab Coordinator) – Fall 2017
- Modern Biology I (BIO 1320) – Fall 2017
- Modern Biology I (BIO 1320) – Spring 2017
- Intermediate Zoology (BIO 2411 – Lecture + Lab Coordination) – Spring 2017
- Functional Biology (BIO 1330.06 and BIO 1330.07) – Fall 2016
- Organismal Biology (BIO 1331) – Spring 2016

St. Edward's University (adjunct):

- Organisms and Populations (BIOL 1308) – Introductory biology lecture for majors – Spring 2014, 2016
- Organisms and Population Lab (BIOL1108) – Introductory biology lab II for majors - Spring 2012, 2013, 2014, 2015, 2016
- Contemporary Biology “Mammalogy” (BIOL 1305) – Introduction to Mammalogy for non-majors - Fall 2014
- Biology Principles (BIOL1306) – Introductory biology lecture for non-majors – Spring 2012, 2013, Fall 2013
- Organisms and Population Lab (BIOL1107) – Introductory biology lab I for majors – Fall 2013, Fall 2014
- Contemporary Biology “Dodos and Dragons” (BIOL1305) – Introduction to Island Biogeography and Biogeography for non-majors - Fall 2013
- Contemporary Biology “Darwin and the Three of Life” (BIOL1305) – Introduction to Evolution for non-majors- Summer II, 2012.

Southwestern University (Visiting Professor):

- Biodiversity (BIO112) – Freshman biology for majors – Fall 2013 (2nd mini-semester)

Baylor University (Teacher of Record):

- Comparative Chordate Anatomy (BIO3429)
- Freshman Biology labs for majors (BIO1105/1106)
- Human Physiology (BIO3422)
- Ecology for Non-Majors (BIO1403)
- Investigations of Modern Biology Concepts (1406) – freshman biology for majors

Sam Houston State University (Lecturer):

- Contemporary Biology (BIO 134) – introductory biology for non-majors;
- Zoology (BIO 162) – introductory biology for majors;
- Contemporary Biology (BIO 134) – introductory biology for non-majors - online course

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.):

Research Mentoring as a Graduate Student, Baylor University--supervised 4 Undergraduate Honors Students in all stages of their work on Honors Thesis (project selection, hypothesis development, data collection in field and lab, data analysis, and writing):

- Christina Skrovanek. “Effect of Prescribed Burns on the Bat Community in Southeastern Piney Woods” - defended Honors Thesis in April 2010
- Rachel Rotondi. “Insect Size as a Determining Factor in Prey Selection by Insectivorous Bats” - defended Honors Thesis in April 2010

- Michael Weber. “The Effect of Fire Management on the Bat Community of the Southeastern Piney Woods” - defended Honors Thesis in December 2010)
- Cory Hanks. “The Role of Ecomorphology in Determining Response of a Forest-Dwelling Bat Community to Management by Prescribed Burns” - expected defense of Honors Thesis in April 2011).

D. Courses Prepared and Curriculum Development:

Texas State University

- General Ecology (BIO 4416) – Spring, Summer, and Fall 2020– introducing new textbook, testing achieve and Sapling and adopting Sapling; transitioning into online delivery
- Global Ecology (BIO3308) – Summer 2020 – developed new online course and adopted new materials
- Modern Biology I (BIO1320) – Spring and Fall 2020 – adopting new material more appropriate for online delivery
- General Ecology (BIO 4416) – Spring and Fall 2019 – introducing new textbook and use of active learning (Top Hat)
- Modern Biology I (BIO 1320) – Spring 2019 and Fall 2019 – active learning class
- Vertebrate Anatomy (BIO 4464 – Lecture + Lab Coordinator) – Fall 2017 and 2018 – building it anew including redesign of the lab

St. Edward’s University

- Contemporary Biology “Mammalogy” (BIOL 1305) – Introduction to Mammalogy for non-majors - Fall 2014
- Contemporary Biology “Dodos and Dragons” (BIOL1305) – Introduction to Island Biogeography and Biogeography for non-majors - Fall 2013
- Contemporary Biology “Darwin and the Three of Life” (BIOL1305) – Introduction to Evolution for non-majors- Summer II, 2012.

Sam Houston State University

- Contemporary Biology (BIO 134) – introductory biology for non-majors - online course

G. Teaching Professional Development Activities Attended

2020

- Teaching Online @ TxState - Online Teaching Certification (Self-paced course)
- earned Level 2 TopHat Certificate at the TopHat Engage 2020 Conference
- Cybersecurity training by University
- Canvas 101 by University
- Camp Canvas: Connect and Engage for Student Success
- Choose Your Own Adventure: Customizable Learning Paths in Canvas
- Integrate Multimedia that Matters in Canvas
- Participating in Learning Community: Teaching Large classes (July 15 – August 26)
- Participating in Learning Community: Assessment Design and Academic Integrity (July 15 – August 26)
- Camp Canvas: Group Work that Works Online

- Camp Canvas: Use Canvas Modules to Design Meaningful Learning Experiences
- Finding and Using Copyright Compliant Images and Music Online.
- Canvas Toolkit: Communication & Collaboration
- Canvas Toolkit: Quizzes, Assignments, & Grading
- Microsoft Teams training by ITAC Customer Engagement Team
- Academic Dishonesty in the Online Learning Environment webinar – ODEL
- Critical and Creative Inquiry in Online, Asynchronous Environments webinar – ODEL
- Equal Employment Opportunity & Title IX

2018

- Top Hat Certificate level one – at Top Hat Engage Conference, Chicago, IL, October 2018
- Completed “*Foundations of Online Course Design and Development*” in Fall 2018
- Optimize classroom experience – April 20th, 2018 (Texas State University Professional Development series)
- Allies Training – Aug 22nd, 2017 (Texas State University Professional Development series)
- Webinars series (FALL 2016): Pearson Learning Makes Us Webinar
 - Oct 3 @11 CTA: "Aligning Assessments with Teaching Objectives and Assessing Higher-Order Cognitive Skills with Multiple Choice Questions" by Dr. Clarissa Dirk's
 - Oct 4 @11 CTA: "Inclusive Pedagogy in Higher Education" by Dr. Brian Dewsbury
 - Oct 5 @ 11 CTA: “The Active Classroom” by Dr. Terry Austin
 - Oct 6 @ 11CTA: “The Science of Successful Learning" by Dr. Veronica Yan
- In Class (FALL 2016):
 - Nov 11@ 12CTA: “Do Your Students Get It? Find out with Student Response Systems” by Dr. Rachel Davenport and Dr. Kristy Daniel.
- Completed Dee Fink & Associates Online Course "Design Your Courses for Significant Learning" January 14-28, 2015.
<https://www.softchalkcloud.com/lesson/serve/w0MfiRZn4HvIG9/html>
- Blackboard Webinar series:
 - Blackboard_Student Engagement in the Online Classroom – Feb 22, 2011
 - Blackboard_Ten Ideas to Help Students be More Engaged in Online Classes – March 1, 2011
 - Blackboard_Assessing Student Engagement for Continuous Course Improvement – March 8, 2011
 - Blackboard_Efficient Collaboration and Team Building in the Distance Learning Environment – March 15, 2011
- Lilly International Conference on College and University Teaching, November 2010.
- Dr. Alexander: Workshop on emerging forms of digital storytelling, 2009
- Dr. Gardner Campbell: Workshop on “Social Networks in Teaching and Learning,” 2009
- EDUCAUSE Learning Initiative Web Seminar: “Student-Generated Content for Blogs, Wikis, Podcasts, and YouTube”, 2009

- Dr. Stephen D. Davis - BIO5300 (“Student Leadership: Improving Science Education”), Fall 2008

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Articles:

a. Refereed Journal Articles:

- Debelica, A. 2014. Community Structure, Ecomorphology, Resource Partitioning, Diet: Implications for Conservation of a Forest-Dwelling Bat Community. Doctoral Dissertation. Baylor University, Waco, Texas.
- Debelica-Lee A, Wilkins KT. 2014. Structure and reproductive patterns in the summertime forest-bat community of southeastern Texas. *Journal of Fish and Wildlife Management* 5(2):413-421.
- Debelica A, Thies ML. 2009. Atlas and key to the hair of terrestrial Texas mammals. Special Publications of the Museum of Texas Tech University, Number 55, 102 pp.
- Williams JK, Debelica A. 2008. Analysis of the completeness of vascular plant records in Florida. *Journal of the Botanical Research Institute of Texas* 2(2):1363-1371
- Debelica A, Matthews AK, Ammerman LK. 2006. Dietary Study of Big Free-Tailed Bat (*Nyctinomops macrotis*) in Big Bend National Park, Texas. *The Southwestern Naturalist* 51(3): 414-418

2. Professional Presentations

- Debelica-Lee A, Wilkins KT. 2013. Demographics of the Summer Bat Community in a Mixed-Managed Pine Forest In Texas. 31st Annual Meeting of the Texas Society of Mammalogists, Junction, TX. Oral Presentation.
- Debelica-Lee A, Guo Y, Wilkins KT. 2012. Temporal Niche Partitioning in Forest-Dwelling Bats. 115th Annual Meeting of Texas Academy of Science, Alpine, Texas. Oral Presentation.
- Debelica-Lee A, Hanks CR, Pettit TW, and Wilkins KT. 2012. Bat Community Structure in Relation to Management Practices in Southeastern Pine Forest. 31st Annual Meeting of the Texas Society of Mammalogists, Junction, TX. Oral Presentation.
- Debelica A, Hanks C, Pettit T, Wilkins KT. 2011. The Role of Ecomorphology in Determining Response of a Forest-Dwelling Bat Community to Management by Prescribed Burns. 114th Annual Meeting of Texas Academy of Science, Austin, Texas. Oral Presentation
- Debelica A, Hanks C, Pettit T, Wilkins KT. 2011. Effects of prescribed fires on composition of the forest-dwelling bat community in southeastern piney forests. 29th Annual Meeting of the Texas Society of Mammalogists, Junction, TX. Oral Presentation
- Hanks C, Debelica A, Pettit T, Wilkins KT. 2010. A Comparative Study of Wing Morphology and Echolocation Call Characteristics among Sympatric Bat Species in Sam Houston National Forest. 29th Annual Meeting of the Texas Society of Mammalogists, Junction, TX. Poster

- Hanks C, Debelica A, Pettit T, Wilkins KT. 2010. The Role of Ecomorphology in Determining Response of a Forest-Dwelling Bat Community to Management by Prescribed Burns. 40th Annual North American Society for Bat Research, Denver, CO. Poster
- Debelica A, Wilkins KT. 2010. Ecology of Bat Community in Piney Forests of Southeastern Texas. 113th Annual Meeting of Texas Academy of Science, Stephenville, Texas. Oral Presentation
- Debelica A, Wilkins KT. 2010. Sam Houston National Forest, Texas: to net or not to net? 28th Annual Meeting of the Texas Society of Mammalogists, Junction, TX. Poster
- Debelica A, Wilkins KT. 2009. Forest-dwelling bat community in Sam Houston National Forest. 39th Annual North American Society for Bat Research, Portland, OR. Poster
- Debelica A, Thies ML. 2006. An atlas and key to the hair of Texas Mammals. 24th Annual Meeting of the Texas Society of Mammalogists, Junction, TX. Oral Presentation
- Debelica A, Thies ML. 2005. An atlas and key to the hair of Texas Mammals. 85th Annual Meeting of the American Society of Mammalogists. Springfield, MO. Poster
- Debelica A, Thies ML. 2005. An atlas and key to the hair of Texas Mammals. Southwestern Association of Naturalists (SWAN) 52nd Annual Meeting. Huntsville, TX. Poster
- Debelica A, Jones G, Smith R, Wunch K. 2004. Biosorption of heavy metals by *Merasmium trojanus* formulated on a polyvinyl matrix. 104th General Meeting of American Society for Microbiology, New Orleans, LA. Poster
- Debelica A. 2003. Dietary Study of Big Free-Tailed Bat (*Nyctinomops macrotis*) in Big Bend National Park, Texas. Seminar series, Sam Houston State University. Oral Presentation
- Debelica A. 2003. Dietary Study of Big Free-Tailed Bat (*Nyctinomops macrotis*) in Big Bend National Park, Texas. Texas Society of Mammalogists. 21st Annual Meeting, 2003. Oral Presentation

C. Scholarly / Creative Grants and Contracts:

- Baylor University's *C. Gus Glasscock, Jr. Endowed Fund for Excellence in Environmental Sciences in the College of Arts and Sciences* (2010) - \$7,000
- Baylor Biology Department's *Jack and Norma Jean Folmar* (2010) - \$1,000
- Baylor Biology Department's *Jack and Norma Jean Folmar* (2009) - \$1,000
- Texas Academy of Science Student Research Fund* (2009) - \$500
- Baylor University's *C. Gus Glasscock, Jr. Endowed Fund for Excellence in Environmental Sciences in the College of Arts and Sciences* (2009) - \$2,000
- Howard McCarley Student Research Award* from Southwestern Association of Naturalists (2009) - \$1,000
- Baylor University's *Undergraduate Research and Scholarly Achievement Program (URSA) Small Grant* (2009) - \$5,000
- Baylor Biology Department's *Jack and Norma Jean Folmar* (2009) - \$1,000

Scholarships

- Smith Fellowship*, BU, 2007-current
- Tuition Scholarship, BU, 2007- current
- Graduate Academic Achievement Scholarship*, SHSU, Summer 2005
- Special Graduate Scholarship Award*, SHSU, Summer 2004, Fall 2004, and Spring 2005
- Head of the River Ranch Travel Scholarship*, ASU, Spring 2003
- Vlade Divac Group 7 Foundation Scholarship for Students from Ex-Yugoslavia*, 2001/03
- Carr Scholarship*, Angelo State University, 2002

Professional Student Awards

3rd place for graduate student presentation. 115th Annual Meeting of Texas Academy of Science, Alpine, Texas, 2012.

1st place for graduate student oral presentation. 114th Annual Meeting of Texas Academy of Science, Austin, Texas, 2011.

Outstanding Graduate Student Instructor Award, Baylor University, 2010.

William B. Davis Award for the best oral presentation pertaining to classical mammalogy at the organismal level. 24th Annual Meeting of the Texas Society of Mammalogists, 2006.

Rollin H. Baker Award, Best Undergraduate Paper Presentation, 21st Annual Meeting of the Texas Society of Mammalogists, 2003.

IV. SERVICE

A. Institutional/Department/School:

Service (2020)

- served on a department, college, or university committee: member of committee for W.K.Davis Award
- writing letters of recommendation
- judging presentations at the Biology Department Graduate Student Colloquium

Service (2019)

- judging presentations at the Biology Department Graduate Student Colloquium
- Writing letters of recommendation

Service (2018)

- Writing letters of recommendation
- Writing letters of recommendation

Service (2017)

- Writing letters of recommendation

Service (2016)

- Member of a “Course Evaluation Committee”
- Writing letters of recommendation for J.A.M.P.

B. Professional:

2020

- Manuscript review for Animals Open access journal. “The weekend effect on urban bat activity suggests fine scale human induced bat movements” by H. Li et al.
- Poster Judge at Texas Society of Mammalogists
- Poster Judge for NABT
- W. W. Norton Ecology Focus Group
- Served as a member of Faculty Advisory Board (FAB) for Macmillan regarding needs of professors who teach non-majors biology courses
- Served as a member of Expert TA’s Biology Focus Group – evaluated their homework software that accompanies open Stax textbook

2019

- Judged posters at National Association of Biology Teachers (NABT) Conference – Fall 2019.
- Reviewed manuscript for Urban Ecosystems
- Serving on Macmillan's Non-Majors Biology Faculty Advisory Board (FAB) - 2019
- Reviewed 2 chapters for: Phelan. What is life? 5th edition. Macmillan Learning. Summer/Fall 2019.

2018

- Reviewed 3 chapters for: Shuster. Biology for a Changing World. 4th edition. Macmillan Learning. November 2018.
- Participated in group assessment of Online Modules for Modern Biology textbook. McGraw and Hill. New Orleans, April 2018.
- Reviewed Grant Proposals (PhD level) for SWAN – March/April 2018
- Judged Oral Presentations at the Texas Society of Mammologists annual meeting, Junction, Texas, 2018 and 2019

2015

- Judged Poster Presentations at the Texas Society of Mammologists annual meeting, Junction, Texas, 2015

D. Community:

- Volunteered to present at STEAM week at Godard School (Spring 2020)
- Volunteered to present at STEAM week at Godard School (Spring 2018, 2019).
- Member of IDEA, Kyle PTO and volunteer at Teacher's Appreciation Committee
- Southwest Youth Leadership Conference Fort Hood, Texas 2003, speaker and counselor

D. Organization Memberships:

American Society of Mammalogists
Texas Society of Mammalogists
National Association of Biology Teachers (NABT)
North American Society for Bat Research (NASBR)