



Metcalf CV  
**Adjunct Faculty**  
Spalding University  
Louisville, KY

metcalf.judy@gmail.com  
**Feb 2014 – August 2015**

- Anatomy (Lab)
- Physiology (Lab)
- Environmental Science (Lecture)
- Human Biology (Online)

**Adjunct Faculty**

**Jan 2014 – July 2015**

ATA College  
Louisville, KY

- Introductory Biology (Lecture & Lab)
- Anatomy & Physiology (Lecture)

**Graduate Teaching Assistant**

**Jan 2009- Dec 2013**

University of Louisville  
Louisville, KY

- Biology 262 – Human Anatomy & Physiology Lab  
Principles of Biology Laboratory
- Laboratory for Introduction to Biological Systems

**Graduate Teaching Assistant**

**Jan 2006-Dec 2007**

Texas A&M University – Corpus Christi  
Corpus Christi, TX

- Biology I Laboratory
- Biology II Laboratory
- Botany Laboratory

**University Service**

**Texas A&M University – Corpus Christi**

- Program Coordinator for A&P and Coordinator of curriculum for A&P and Freshman Biology Spring 2019 - Present
- University High Impact Initiatives Committee Member Fall 2018 - Present
- College of Science and Engineering Grade Appeal Committee Chair Fall 2018 - Present
- Professional Assistant Professor Search Committee Chair Summer 2018
- Visiting Assistant Professor Search Committee member Summer 2018
- Director – Science Olympiad Fall 2017-Present
- A&P Lab Coordinator Spring 2017 – Fall 2018

**Ohio University**

- College Credit + Faculty Mentor Spring 2016
- Group II Faculty Senate Representative Spring 2016
- Clinical Nursing Search Committee Spring/Summer 2016
- Biology Lab Technician Search Committee Spring/Summer 2016

**RESEARCH INTERESTS**

While my primary research experience is in community ecology and conservation, primarily the impacts of urbanization and human activities on natural communities, in the last year I have also been exploring STEM education based research and looking for ways that I can utilize my extensive classroom teaching experience to incorporate research. I would ideally be able to incorporate undergraduate student research experiences through labs to aid in developing the research exposure of undergraduate students. My dissertation work focused on the role of terrestrial plants on arthropod community structure and food web control. Other related interests include the role of human activity on overwintering and migrating shorebirds.

**RESEARCH EXPERIENCE****Community level impacts of *Microstegium vimineum* on arthropods in a temperate deciduous forest** **2009-2013**

Dissertation

University of Louisville, Department of Biology

**Major Advisor:** Dr. Sarah Emery, Professor, University of Louisville, Department of Biology**Playa Lakes Joint Venture Shorebird Survey** **2008**

USGS Fort Collins, CO

**Primary Supervisor:** Dr. Susan Skagen, U.S. Geological Survey, Fort Collins, CO**Community composition and behavior of birds on South Texas Coastal Beaches: A comparison of driving and non-driving treatments** **2006-2007**

Thesis

Texas A&amp;M University – Corpus Christi

**Primary Supervisor:** Dr. Kim Withers, Research Scientist, Center for Coastal Studies

Texas A&amp;M University-Corpus Christi

**WORKS PUBLISHED**

Metcalf, JL and Emery SM, (2015) Changes in insect community structure associated with invasion by a non-native grass. *Acta Ecologia*, 66: 105-112

**FELLOWSHIPS AND GRANTS:**

- **Dissertation Completion Award** (University of Louisville – Fall 2013) - Monthly stipend/tuition
- **Marcia Athey Grant**, (Kentucky Academy of Sciences – May 2011-Oct 2012) \$3000
- **College of Arts & Sciences Deans office Grant** (University of Louisville, 2010) \$500
- **Hans & Patricia Suter Endowment Grant** (Center for Coastal Studies, Texas A&M Univ – Corpus Christi – 2006) \$900
- **Science & Technology Scholarship** (Texas A&M University-Corpus Christi – 2006) \$600
- **Undergraduate Research Grant** (University of Louisville – 2004) \$3000

**POSTERS AND PRESENTATIONS**

**Metcalf, JL, Jarvis K, Johnson, R, Crocker, V**, National Learning Communities Conference 2017: Trailing Behind to Trail Blazers: How should a STEM learning community meet the needs of developing students? Chicago, IL

**Metcalf, JL**, Dissertation Defense 2013: Community level impacts of *Microstegium vimineum* on arthropods in a temperate deciduous forest. Louisville, KY

**Metcalf, JL**, Ecological Society of America 2013 Annual Meeting: Arthropod community structure in the presence of *Microstegium vimineum*. Minneapolis, MN

**Metcalf, JL**, UofL Department of Biology 2012 Awards Day: Arthropod community structure in the presence of *Microstegium vimineum*. Louisville, KY

**Metcalf, JL**, UofL 2011 Graduate Research Symposium: Arthropod community structure in the presence of *Microstegium vimineum*. Louisville, KY

**Metcalf, JL**, Ecological Society of America 2010 Annual Meeting, Poster Presentation: Increased arthropod abundance and diversity in *Microstegium vimineum* invasions, Pittsburgh, PA

**Metcalf, JL and Withers, K.** Association of Field Ornithologists 2007 Annual Meeting: Does unrestricted vehicle access on beaches disturb shorebirds on the central Texas gulf coast? Bangor, ME