

Paul T. Le
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Department of Integrative Biology
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Current Position

Ph.D. Student, Department of Integrative Biology, University of Colorado Denver
Graduate Teaching Assistant, Department of Integrative Biology, University of Colorado Denver
Math and Science Learning and Education (MSLE) Program Assistant, University of Colorado Denver

Education

2012 B.S. Biology Minor: Education Saint Louis University
2014 M.S. Biological Sciences Southern Illinois University Edwardsville

Research Experience

2010 - 2011: Bray Speth Lab, Saint Louis University (Science Education)
Project Title: Introductory biology students' conceptual models of the origin of variation in populations

2011 - 2012: Knouft Lab, Saint Louis University (Aquatic Ecology)
Project Title: Food-web components and dietary composition of Missouri streams' fishes

2012 – 2014: Essner Lab, Southern Illinois University Edwardsville (Avian Ecology)
Thesis Title: Avian habitat use in a chronosequence of bottomland hardwood forest restoration sites

2014 - Present: Hartley Lab, University of Colorado Denver (Science Education)

Teaching Experience

Institution	Semester	Course	Position
Saint Louis University	Fall 2010	BIOL 104: Principles of Biology I	Undergraduate Lecture TA
Saint Louis University	Fall 2011	BIOL 303: Principles of Genetics	Undergraduate Discussion TA
SIU - Edwardsville	Fall 2012, 2013 Summer 2013	BIOL 151: Introduction to Biological Sciences II	Graduate Lab TA
SIU - Edwardsville	Spring 2013	BIOL 150: Introduction to Biological Sciences I	Graduate Lab TA
SIU - Edwardsville	Fall 2013	BIOL 463: Conservation Biology	Graduate Lab TA

SIU - Edwardsville	Spring 2014	BIOL 365: Ecology	Graduate Lab TA
Upward Bound	Summer 2014	Physics (High School)	Lecture Instructor
University of Colorado - Denver	Fall 2014	BIOL 2071: General Biology Laboratory I	Lab Instructor

Grants and Awards

- 2011 College of Arts of Sciences Undergraduate/Graduate Research Collaboration Grant (\$498)
- 2013 SIU Edwardsville Research Grants for Graduate Students (\$500)
- 2013 Webster Groves Nature Study Society: Mickey Scudder Scholarship in Field Biology (\$975)
- 2013 Sigma Xi: Grant-in-Aid of Research (\$1000)
- 2014 Illinois State Academy of Sciences Research Grant (\$500)
- 2014 SIUE Graduate School Spring Research Symposium – 2nd Place Oral Presentation
- 2014 Illinois State Academy of Sciences Annual Meeting – 1st Place Oral Presentation in the Environmental Sciences division

Publications

Bray Speth E, Shaw N, Momsen JL, Reinagel A, **Le P**, Taqieddin R, Long T. 2014. Introductory biology students' models and explanations of the molecular basis of variation. CBE-Life Sciences Education 13: 529-539.

Publications: In Prep

Le PT, Ballen LB, Essner RL, Minchin PR. Avian habitat use in a chronosequence of bottomland hardwood forest restoration sites. To be submitted to: Restoration Ecology.

Presentations

Bray Speth E (Presenter), Dirnbeck M, **Le P**, Momsen JL, Long TM, Wyse S. Explaining the visible with the invisible: what students' conceptual representations of variation tell us about their understanding of its origin. National Association for Research on Science Teaching (NARST) Annual Meeting, Orlando, FL, April 3-6, 2011. (Oral Presentation)

Bray Speth E (Presenter), Shaw N, **Le P**, Momsen JL, Long TM. Introductory biology students' models and explanations of the origin of variation within populations. Society for the Advancement of Biology Education Research (SABER) 2nd Annual Meeting, Minneapolis, MN, July 12-15 2012. (Poster Presentation)

Le P (Presenter), Essner R, Minchin P, Ballen L. Avian habitat use in a chronosequence of bottomland hardwood forest restoration sites. Illinois State Academy of Science (ISAS) Annual Meeting, Jacksonville, IL, April 4-5, 2013. (Poster Presentation)

Le P (Presenter), Essner R, Minchin P. Avian habitat use in a chronosequence of bottomland hardwood forest restoration sites. Webster Groves Nature Study Society (WGNSS) Annual Banquet, St. Louis, MO, May 1, 2013. (Oral Presentation)

Le P (Presenter). Avian habitat use in a chronosequence of bottomland hardwood forest restoration sites. Graduate School Spring Research Symposium – Graduate Student Scholarly Activities Slam, Edwardsville, IL, April 1, 2014. (Oral Presentation)

Le P (Presenter), Essner R, Ballen L, Minchin P. Avian habitat use in a chronosequence of bottomland hardwood forest restoration sites. Illinois State Academy of Science (ISAS) Annual Meeting, University Park, IL, April 25-26, 2014. (Oral Presentation)

Ballen LB (Presenter), **Le PT**, Essner RL, Minchin PR. Evaluating the success of bottomland forest restoration in the Upper Mississippi Valley. Ecological Society of America (ESA) Annual Meeting, Sacramento, CA, August 10-15, 2014. (Poster Presentation)

Service

Wildlife and Conservation Club at SIUE – Secretary (Fall 2012 – Spring 2013)
Vice President (Fall 2013 – Spring 2014)
Science Olympiad – Proctor and Judge for Thermodynamics Event (Spring 2013)
Cell Biology Techniques – Demonstrator (Spring 2014)
SIUE Gardens Arbor Day – Birding Event Supervisor (Spring 2013)
SIUE Hands-on Day – Biology Event Creator and Supervisor (Fall 2013)
Introduction to Sexuality Course at SIUE – Panelist (Spring 2014, Summer 2014)
Southern Illinois Regional Science Fair – Judge (Spring 2014)

Memberships

Illinois State Academy of Science (Spring 2013 -)
Society for the Advancement of Biology Education Research (Spring 2014 -)