

## Student Research Award Recipients in 2018

- Katherine Kucera** Northwestern University  
Characterizing genetic changes in the production of multi-source seed lots in *Penstemon pachyphyllus*
- Jocelyn McDonald** Illinois State University  
Effects of two mechanistically different pesticides on mite infestation and nestling development in European starlings
- Nicholas Roth** Illinois College  
Dikkopf (dkk) expression in *X. laevis* ocular tissues during cornea-lens regeneration
- Owen Pulver** Millikin University  
Seroprevalence of West Nile Virus in birds of prey

## Student Research Award Recipients in 2017

- Kaysaw Tuy** Bradley University  
Assessing the lethality of genetically engineered Warton's jelly umbilical cord mesenchymal stem cells co-cultured with HEY cells as a treatment for ovarian cancer
- Daniel Karcher** Southern Illinois University Edwardsville  
Determining the functions of two predicted dicer genes in the model mushroom fungus *Schizophyllum commune*
- Elyse Schnabel** Millikin University  
The effects of ammonium sulfate fertilizer on cortisol levels in juvenile catfish (*Ictalurus punctatus*)

## Student Research Award Recipients in 2016

- Rachel Rodgers** Southern Illinois University Edwardsville  
Phylogenomic analysis of 16 *Fundulus* species using RNA-seq data analysis
- Aaron Alexander** Southern Illinois University Edwardsville  
Factors influencing avian diversity in a chronosequence of restored grasslands

## Student Research Award Recipients in 2015

- Morgan Rakers** Southern Illinois University Edwardsville  
Silver nano particles effect on *Schmidtea mediterranea*
- Jessamine Finch** Northwestern University  
Untapped restoration potential: Are city plans pre-adapted to climate change?
- Sarah Kisch** Millikin University  
Muscle relaxant metabolizing differences between male and female mice

## Student Research Award Recipients in 2014

- Loren Dunham** Southern Illinois University Edwardsville  
Demography and habitat use in the Southern Flying Squirrel, *Glaucomys volans*, in Southwestern Illinois
- Paul Le** Southern Illinois University Edwardsville

Avian habitat use in a chronosequence of restored bottomland hardwood forest sites  
**Ryan Wenkus** DePaul University  
Linking predator life history trade-offs to levels of stability in predator-prey dynamics

### **Student Research Award Recipients in 2013**

**Jordan Finch** Southern Illinois University Edwardsville  
A study in lead: An analysis of lead exposure in the old lead belt of Southeastern Missouri

**Kelly Ksiazek** Northwestern University  
Can designing green roofs as Illinois prairie analogs increase urban ecosystem services?

### **Student Research Award Recipients in 2012**

**Kelly Commons** Millikin University  
How does wild bird feeding affect the wild bird community?

**Madeline Knott** Millikin University  
Levels of Interleukin-6 in comparison to *Staphylococcus aureus* bacterial killing ability

**Kendall Annetti** University of Illinois-Urbana/Champaign  
Avian hemoparasites in Illinois and their effects on health

**Grant Woods** Eastern Illinois University  
Geospatial investigation of the occurrence of confluent meander beds in east central Illinois

**Amanda Wildenberg** Eastern Illinois University  
Fish, macroinvertebrate, and mussel community response to sanitary effluent in an Illinois river

**Kayla Little** Southern Illinois University-Edwardsville  
Isotopic composition of bone collagen from Illinois River fishes

**Kate Koepp** Southern Illinois University-Edwardsville  
Habitat preferences of *Fundulus notatus* and *F. olivaceus* in an Illinois stream contact zone

### **Student Research Award Recipients in 2011**

**Eun Sun Kim** University of Illinois-Chicago  
Investigating potential causes for reproductive failure in sidecluster milkweeds

**Jill Devine** Southern Illinois University-Carbondale  
Analysis of genetic structure of golden mice and white-footed mice using microsatellite markers

**Josiah Miller** Bradley University  
Synthesis and characterization of catalytic noble metal colloids grown within silicone matrices

**Katherine Chi** University of Illinois-Urbana/Champaign  
Effects of shade on reproductive morphology and ecology of the rare plant species *Besseyia bulli*

**Keerthi Chandra** Eastern Illinois University  
Silver modified thin-film  $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$  perovskite-type oxides for oxygen reduction catalysis

**Massimo Pessino** University of Illinois-Urbana/Champaign

Building a molecular phylogeny of the Stonefly family Perlidae (Plecoptera)

**Student Research Award Recipients in 2010**

<b>Witney Banning</b>	University of Illinois-Urbana/Champaign
<b>Rebecca Jana</b>	University of Illinois-Urbana/Champaign
<b>Kate Springer</b>	Southern Illinois University-Edwardsville
<b>Tara Stapay</b>	Southern Illinois University-Edwardsville

**Student Research Award Recipients in 2009**

<b>Mathew Bartucci</b>	Loyola University
<b>Sheila Langosch</b>	University of Illinois-Chicago
<b>David Zaya</b>	University of Illinois-Chicago
<b>Shannon Fredebaugh</b>	University of Illinois-Urbana/Champaign
<b>Nathan Fritz</b>	Charleston High School
<b>Robert Schorsch</b>	Southern Illinois University-Edwardsville
<b>Jenna McAdoo</b>	Northern Illinois University

**Student Research Award Recipients in 2008**

<b>Christine Fleener</b>	University of Illinois-Urbana/Champaign
<b>Lewis Reed</b>	Southern Illinois University-Carbondale
<b>Benjamin O'Neal</b>	University of Illinois-Urbana/Champaign
<b>Rachel Bragg</b>	Southern Illinois University-Edwardsville
<b>Jennifer Duggan</b>	University of Illinois-Urbana/Champaign

**Student Research Award Recipients in 2007**

<b>James Castlebury</b>	Western Illinois University
<b>Anne Readel</b>	University of Illinois-Urbana/Champaign
<b>Lewis Reed</b>	Southern Illinois University-Carbondale
<b>Matthew Richardson</b>	University of Illinois-Urbana/Champaign
<b>Amber Ruskell</b>	Western Illinois University
<b>Nellie Shaul</b>	Southern Illinois University-Edwardsville

**Student Research Award Recipients in 2006**

<b>Emilie Bess</b>	University of Illinois-Urbana/Champaign
<b>Bradley Cosentino</b>	University of Illinois-Urbana/Champaign
<b>Julie Gibbs</b>	Southern Illinois University-Edwardsville
<b>Jason Isbell</b>	
<b>Sam Kaufman</b>	
<b>Emily Martin</b>	
<b>Jace Robinson</b>	

**Student Research Award Recipients in 2005**

<b>Sue Gallo</b>	University of Illinois-Urbana/Champaign
<b>Chuck Leseberg</b>	Northern Illinois University
<b>Jace Robinson</b>	
<b>Ann Readel</b>	University of Illinois-Urbana/Champaign

**Vernie Sagun**

University of Illinois-Urbana/Champaign