

HOMEcoming

SU Homecoming

[SU Biology](#) [Meet and Greet](#)

**Where: SU Stadium - Alumni
Tent at BBQ**

When: Saturday October 10

[Pre-registration encouraged -](http://alumni.salisbury.edu/events/event_list.asp)
http://alumni.salisbury.edu/events/event_list.asp



All Biology graduates are invited to the pre-game BBQ at the Alumni Tent at the SU Stadium. Purchase your BBQ tickets online and eliminate standing in line. Game tickets are included with pre-purchase BBQ. Game tickets will be mailed. BBQ Cost: \$15 - Adults (includes a \$10 donation), \$5 - Children 10 & under.

ANNOUNCEMENTS

2015 TriBeta Inductees

Taylor Bevan, Tyler Benjamin Tubman Bowling, Callista Marie Brown, Russell Wayne Chappius, Leanna Lynn Daniele, Rachel Elizabeth Elliott, Halligan A Erickson, Emma Lynne Fare, Lindsey Taylor Gateau, Lindsay Renee Gilbert, Annabelle Lisa Harvey, Leanne Bridget Heuer, Ruth Catherine Heying, Lylie Phuong Hoang Hinh, Andrew Lewis Jones, Madeline Nicole Joyner, Jennifer Kriek, Megan Marie Miller, Marissa Ashley Moran, Brenna Marie Noone, Grace Virginia Paglierani, Katherine Magdolna Terez Pauer, Jena Lee Robbins, Samantha Anne Romack, Khadijah Sha'Bria Sampson, Ravyn Alyssa Saunders, Timothy Brandon Shaver, Jessica Gallagher Tague, Daniella Tejeda, John Zenzius Thomas, Sania Khawar Ullah.

The Biology Department Welcomes **Dr. Jeremy Corfield** to Salisbury University.

Dr. Eugene Williams was elected the Vice President for Affiliate Affairs for the Washington Academy of Sciences. Dr. Williams was also selected to serve a three-year term as a member of the Fulbright Regional Peer Review Committee for Iceland and Norway.

Dr. Kim Hunter was interviewed for a commentary about a recent Science Paper by Lea and Ryan 2015 in Science News (<https://www.sciencenews.org/article/decoy-switches-frogs-mating-call-preference>).

The Fall 2015 Biology Seminar Series:

http://faculty.salisbury.edu/~kxhunter/biology_seminars.html

Dr. Philip Anderson and **Bill Adkins** created a new Photosynthesis apparatus for Biology 210.



SU Biology Faculty Attending a Retirement Event honoring Dr. Ellen Lawler.
(Photo by Kathy Pusey)

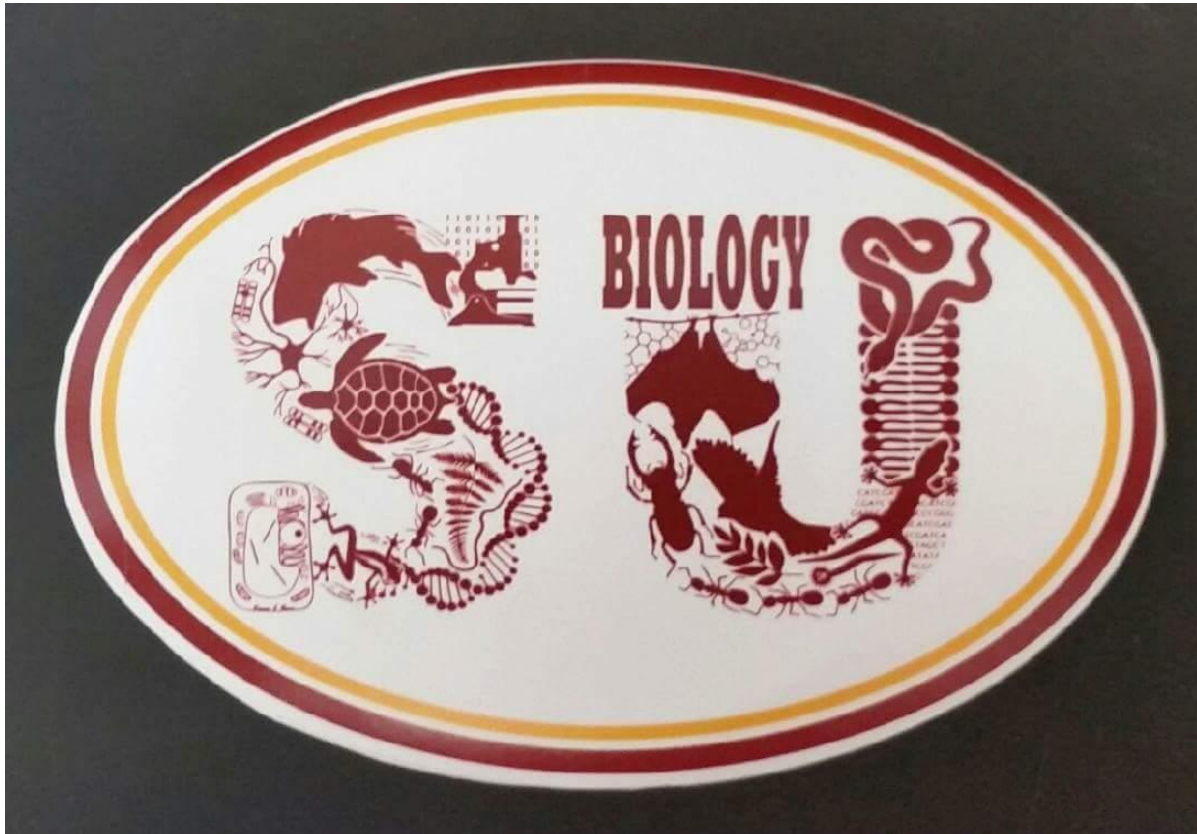


**The Biology Department Sponsored a PaintNite Event in May 2015.
Together we raised over \$1500 to support the Salisbury University Relay for Life.**



SU Biology's New Logo –
Stop by Sandy Ramses Office (HS 230F) to purchase a shirt or car decal.
Monday/Wednesdays/Fridays from 9am to noon and 1 to 3:30pm

Tee Shirt = \$15.00; Car Decal = \$5.00



OPPORTUNITIES

Welder Wildlife Foundation: Graduate Research Fellowship Program

Email: welderfoundation@welderwildlife.org;

Website: <http://welderwildlife.org/content/research/fellowships/>

The Rob and Bessie Welder Wildlife Foundation's graduate research fellowship program is designed to promote the education of exceptionally qualified students and provide research information to manage wildlife populations. Deadline October 1, 2015.

Woodrow Wilson Teaching Fellowships – STEM Teaching

Website: <http://woodrow.org/fellowships/ww-teaching-fellowships/>

The Woodrow Wilson Teaching Fellowship seeks to attract talented, committed individuals with backgrounds in the STEM fields—science, technology, engineering, and mathematics—into teaching in high-need secondary schools in [Georgia](#), [Indiana](#), and [New Jersey](#). Eligible applicants include current undergraduates, recent college graduates, midcareer professionals, and retirees who have majored in, or had careers in, STEM fields.



SUMMER RESEARCH IN PANAMA

The Taylor-Hunter Lab returned to the Smithsonian Tropical Research Institute in Panama again this year to continue studying signal evolution in the tungara frog. Recent graduates, Whitney Handy and Laurie Adler, joined the team and worked nights conducting experiments in the Panama sound lab.



Gladiator frog in Panama



Whitney Handy and Laurie Adler prepared for a night of frog collecting in Panama. Protection against mosquitoes or bank robbers? We're not sure!

GUERRIERI UNDERGRADUATE SUMMER RESEARCH PROGRAM

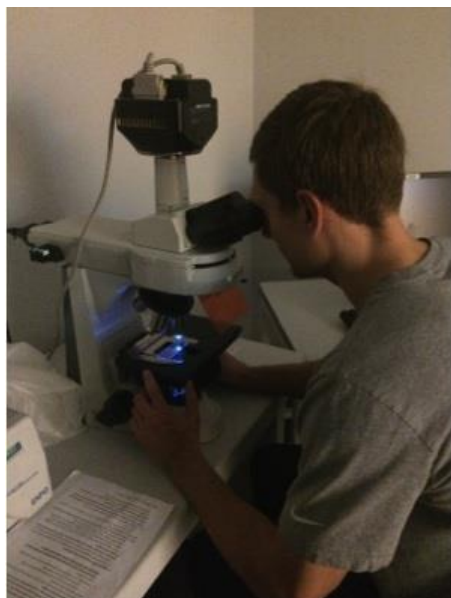
This summer 21 students presented their research at the Henson School Summer Research Program held on August 4th in the GUC. The Biology/ENVR Presentations are listed below.

Tyler Bowling and Hakeem Bushera

Title: "Behavioral Ecology of the Green Tree Frog (*Hyla cinerea*): A Multifaceted Approach."

Faculty Advisor: Dr. Kim Hunter & Dr. Ryan Taylor

Taylor-Hunter Lab focused on animal communication in the green treefrog. Dr. Mark Garcia, a teaching post-doc in the lab and visiting assistant professor in the Biology program oversaw the team while Dr. Taylor and Hunter were in Panama. Graduate student Matt Murphy was conducting his innovative MS research on green treefrogs. The two undergraduate Guerrieri Fellows were Tyler Bowling and Hakeem Bushera who were amazing in the field and working in the lab with the frogs. They designed experiments and new experimental equipment.



Hannah Ennerfelt and Derrick Miller

Title: "The Effect of Induced Hyperglycemia on Dorsal Root Ganglia and Sensory Nerves in Zebrafish."

Faculty Advisor: Dr. Jessica Clark



Emily Rowe

Title: “Ant Species Richness and Diversity in E.A. Vaughan Wildlife Management Area.”

Faculty Advisor: Dr. Dana Price

Emily is working with Graduate Student Brett Mann.



Ravyn Saunders, Taylor Naiman Young, and Jacob O’Neil

Title: “The Effects of Habitat Variation on Nest Success of Ground-Nesting Songbirds: Predation, Parasitism, and Forest Composition.”

Faculty Advisors: Dr. Eric Liebgold & Dr. Tami Ransom

Ravyn Saunders shown left.



Patrick Simons

Title: “Successional Patterns of Dung Beetles in Two Forests on Maryland’s Eastern Shore.”

Faculty Advisor: Dr. Dana Price

Dr. Price's research lab (**Dr. Price, Patrick Simons, and Mallory Hagadorn**) visited the Bundles of Joy Daycare in August for Insect Day.



CONFERENCES and PRESENTATIONS

Dr. Mark Holland presented a poster at the Applied and Environmental Microbiology Gordon Research Conference in July. In August, Dr. Holland gave a seminar at the Virginia Institute of Marine Science Lab in Wachapreague, VA.

In August, Professors **Mark Holland**, **Patti Erickson**, **Les Erickson**, and **Phil Anderson** along with students **Brittany Lozzi**, **Rachel Keuls**, **Andrew Baskerville**, and **April Demell** attended the Mid-Atlantic Plant Molecular Biology conference in Laurel, MD.

Dr. Eric Liebgold presented a talk at the Ecological Society of America Annual Meeting in Baltimore, August 2015. Title: The effects of heterozygosity on home range size and inbreeding depression in a salamander with limited dispersal. **Authors:** *Eric B. Liebgold, Christian F. Kramer (former SU BIOL undergrad), Tamar C. Roomian, Gina M. Source (former SU BIOL undergrad), Paul R Cabe*

Alexa Grant presented a poster at the Ecological Society of America Annual Meeting in Baltimore, August 2015. Title: Inferring differential survival of two color morphs of the red-backed salamander, *Plethodon cinereus*. **Authors:** *Alexa H. Grant (SU BIOL grad), Eric G. Kalin (former SU BIOL undergrad), Tami S. Ransom, Eric B. Liebgold*

Dr. Tami Ransom presented a poster at the Ecological Society of America Annual Meeting in Baltimore, August 2015. Title: Scale-dependent responses to loblolly pine trees in two ground-nesting warblers. **Authors:** *Tami S. Ransom, Melissa Carson (former SU undergrad), Jared Lausen (former SU BIOL undergrad), Jared Novia (former SU BIOL undergrad), Marshall Boyd, (former SU BIOL grad), Eric B. Liebgold*

Taylor, R.C., K.L. Hunter, R.A. Page, K.O. Wilhite, K.M. Mitchell & M.J. Ryan. 2015 Perception and non linear integration of complex signals: insights from anuran amphibians. Behaviour Conference, Cairns, Australia. (Invited talk for symposium on the evolution of complex signals).

Taylor, R.C., K.L. Hunter, R.A. Page, K.O. Wilhite, K.M. Mitchell & M.J. Ryan. 2015 Multimodal signal integration results in unexpected patterns of female choice. Animal Behaviour Society Conference. Anchorage, AK.

TRAVEL

Erickson F1 generation attended Minecraft Programming camp at UC Berkeley.



PUBLICATIONS (asterisk indicates paper with student co-authors)

*Nemes, S.N. and D.L. Price. 2015. Illustrated Keys to the Scarabaeinae (Coleoptera: Scarabaeidae) of Maryland. *Northeastern Naturalist* 22(2): 318-344.

*Rhebergen, F., R.C. Taylor, M.J. Ryan, R.A. Page, and W. Halfwerk. 2015. Multimodal cues improve prey localization under complex environmental conditions. *Proc. R. Soc. B*, 282

Ryan, M.J. and R.C. Taylor 2015. Measures of mate choice: comment on Dougherty and Shuker. *Behavioral Ecology*, 26:323-324.

*Smith, W.B., C.T. Frye, E. Veliz, S. Hiebler, R.C. Taylor, and K.L. Hunter. 2015. Genetic Variability of Maryland and West Virginia Populations of the Federally Endangered Plant *Harperella nodosa* Rose (Apiaceae). *Northeastern Naturalist*.

ALUMNI NEWS

MS in Applied Biology graduate (15') **Stephen Kelly** has accepted a position at NYU medical School crunching genomics data.

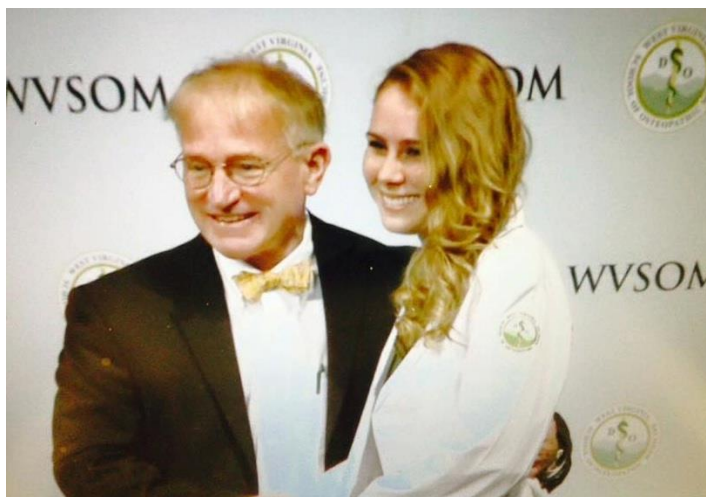


Ryan Protzko (SU Biology Alumni) with Dr. Patti Erickson. Ryan is currently in his 3rd year of graduate school at UC Berkley.



Patti visiting her Alma Mater, University of California, Berkley.

MS in Applied Biology graduate (14') **Chelsi Rose** at the Class of 2019 White Coat Ceremony, West Virginia School of Osteopathic Medicine.



Editor: Dana Price

Coeditor: Dr. Judith Stribling

If you have announcements to add or general comments regarding the Newsletter, please email dlprice@salisbury.edu.