Biology Department Students Participate in Undergraduate Research and Science Week

Three Biology Department students presented their research findings at a Poster Session as a part of the annual Undergraduate Research and Scholarship Week which is held every spring.

Each student presented their research in the form of a poster, and those presentations were then judged on a variety of criteria.

A POPULATION ESTIMATION OF WHITE-TAILED DEER (ODOCOILEUS VIRGINIANUS) AT THE WILDS USING THE SIGHT DISTANCE METHOD
Ryan Burke

INDUCED PLURIPOTENT STEM CELL MODELING OF RESPIRATORY NEURON DEVELOPMENT
Sarah Linn

DISTRIBUTION OF GRASSLAND NESTING BIRD SPECIES AT THE WILDS’ PRAIRIE AGRICULTURE DEMONSTRATION SITE
Andrew Piper and Alece Powery

Ohio Academy of Science Meeting

Dr. Jim Dooley and Dr. Danny Ingold took Alece Powery (senior Biology major), Ally Leggett (rising senior conservation science major), and Ryan Burke (senior biology major) to the Ohio Academy of Science (OAS) meeting held this year at Walsh University in North Canton. Alece did senior research at the Wilds last summer under the supervision of Dr. Dooley, Dr. Ingold, and Shana Byrd. Ryan Burke presented his research on white-tailed deer population dynamics at the Wilds at the meeting. Ally Leggett is initiating her research at the Wilds looking at vernal pools. She will present her data at next year’s meeting.
Dr. Craig W. Anderson, 1973

Dr. Anderson works as a neonatologist in Columbus, Ohio, with Central Ohio Newborn Medicine. His daughter, Ashley Anne Anderson (Class of 2009) is a nursing student at the Mount Carmel School of Nursing in Columbus.

W. Lee Blevins, 1973

W. Lee Blevins is retired from Organon Pharmaceuticals.

Carol Tuttle, 1981

Carol completed her MLIS degree last August from Kent State, and was promoted to Head of Adult Services/Assistant Manager of the Chardon branch of the Geauga County Public Library System. She has thus switched from a science career to librarianship. Carol is also re-adjusting to full-time hours after years of part-time work while her children were younger. Carol’s husband, Chuck Tuttle (Muskingum, ’81) is CEO of Children’s Advantage, a family behavioral health agency in Ravenna, Ohio. They celebrated 30 years of marriage last September.

Jessica Gordon, 2003


Sarah Olexsah, 2005


Erin (Klenk) Molden, 2005

Erin and her husband, Jared (both class of 2005) are expecting twin boys due June 2014. Currently that are living and working in Cincinnati. Erin is working for Bexion Pharmaceuticals as a scientist and lab manager to develop cell-based and cell-free quality control assays for drug products. Jared is working as a quality control chemist for Teva Pharmaceuticals. Outside of work, Erin and Jared are focused on getting ready for their growing family! Their daughter, Rosalie, will be two at the end of June.

Rachel Goodpaster, 2005

Rachel received a position as a Biologist for Murray Energy Corporation in St. Clairsville, Ohio. Murray Energy Corporation is a large coal mining company with mines in 6 states (Ohio, West Virginia, Pennsylvania, Illinois, Kentucky, and Utah). She assists in the acquisition of 401 and 404 Clean Water Act permits, conducts environmental surveys for streams and wetlands, coordinates work with consulting firms, examines mitigation options, and communicates with state and federal regulatory agencies. Rachel has been employed with Murray Energy Corporation since October 2013.

Bryan W. Voelker, 2005

Bryan lives in Alturas, California. He is a Rangeland Management Specialist for the USDA, Natural Resources Conservation Service. Bryan was married August 3, 2013, to Fallon E. Frye, who teaches high school classes in Alturas.

Julie Travaglini, 2005

Julie is currently in her fifth year of working for an environmental nonprofit in Pittsburgh called the Outdoor Classroom. In February, she took over one the flagship programs called Team Tadpole. Team Tadpole is an outreach that takes hands on nature lessons to under served or under privileged preschools all over southwestern Pennsylvania. Julie is also the senior program facilitator so when she is not working on Team Tadpole, she is busy working on and writing summer camp programs and other on site programs and workshops for all ages. “I love it!”

Adam Cirone, 2007

Adam graduated from Muskingum with a Master in the Art of Teaching degree with a focus on High School Life Sciences. He is currently working as a substitute teacher and tutor in Northeast Ohio.

Mike Zimmerman, 2008

Mike has completed his Ph.D in zoology at Wake Forest University this spring.

John Bourne, 2008

John is in Eastern Kentucky working on his M.S. studying water quality as it is associated with mountain top mining and its influence on amphibians and macroinvertebrates.

Kelly Carter, 2010

Kelley recently graduated from veterinary school at the University of Minnesota.

Matt Bjelac, 2011

Matt just graduated from physical therapy school at Ohio State.

Mary Richardson, 2011

Mary Richardson of 7884 Fairwind Drive, Columbus, Ohio, 43235, got her Bachelors of Biology from Muskingum, and her Bachelors of Nursing from Mount Carmel College of Nursing. She works at Mount Carmel as a registered nurse and charge nurse on the floor. Mary is getting married August 16, 2014.

Cally Webster, 2011

Cally was just accepted to veterinary school at Ohio State.

Heather Henry-Fairchild, 2012

Heather was a Molecular Biology major at Muskingum. She is currently attending the University of North Florida and applying for a Doctor of Physical Therapy program.

Julie Long, 2013

Julie is working through September for the U.S. Fish & Wildlife Service in Idaho.
The one process now going on that will take millions of years to correct is the loss of genetic and species diversity by the destruction of natural habitats. This is the folly our descendants are least likely to forgive us.

Edward O. Wilson