

Summer Research Celebration 2013



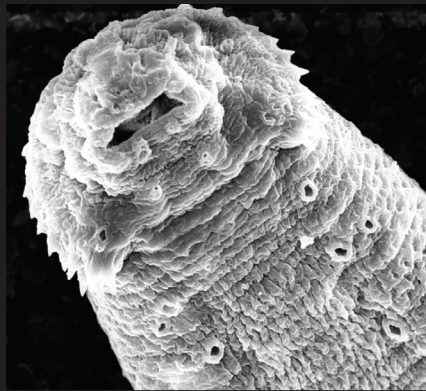
October 24, 2013

Bonnie Auditorium

Symposium Session I: 12:00 - 1:50 pm

Poster Session: 2:00 - 3:20 pm

Symposium Session II: 3:30 - 4:50 pm



Acknowledgments

Faculty Mentors: Justin Anderson, Debbie Bays,
Steven Beach, Cliff Boyd, Jason Davis, Rhett Herman,
Kim Lane, Beth McClellan, John McGee, Sara O'Brien,
Bob Sheehy, George "Paki" Stephenson, Maxwell Stockton,
Robert Whisonant, Jeremy Wojdak

Members of the Advisory Committee

Shivali Viswanath and Erica Wilkening, Graduate Assistants

Halle Edwards, Work Study Student

Sally Cox, Event Planning Manager

Nancy Houff, Honors Academy Administrative Assistant



Welcome to the Inaugural Summer Research Celebration!

This past summer thirteen amazing student-faculty collaborative projects were funded through the Summer Undergraduate Research Fellowships (SURF) program. Today they will get the opportunity to tell of their stories and accomplishments. We are grateful for your participation in today's events and hope that they inspire you to achieve similar results adding to the knowledge and work in your field of study!

SURF Program

The SURF program aims to foster a community of undergraduate research and engaged scholarship during the summer months at Radford University. This program funds a variety of projects where students engage in an original, intellectual, or creative contribution to a discipline. To find about applying to be part of next summer's program contact ours@radford.edu or visit our website at <http://www.radford.edu/content/ours/home.html>.

Office of Undergraduate Research and Scholarship

The Radford University Office of Undergraduate Research and Scholarship (OURS) provides support to campus projects across all disciplines. OURS can help support undergraduate research, scholarship, and creative studies through fiscal support of student travel to present at conferences, printing of professional posters, mentoring students in areas such as best practices in oral and poster presentations, mentoring students with preparing external scholarship and graduate school applications, and funding Summer Undergraduate Research Fellowships. Today represents one of the more public opportunities for OURS to interact with the Radford University community, and it is an honor to get to work with the students and faculty taking on the process of "going where no one has gone before." OURS would like to thank everyone involved with today's events and emphatically say that it is a privilege to get to work and support you all!

Symposium Session I

12:00 - 12:10 pm	Joseph Wirgau	<i>Opening Remarks</i>
12:10 - 12:30 pm	Skye Hickling	<i>Mutagenic Analysis of the Active Site of Bacterial β-glucuronidase</i>
12:30 - 12:50 pm	Fionna Surette	<i>Impacts of Daily Corticosterone Administration on Nestling Eastern Bluebirds (<i>Sialia sialis</i>) Fledging and Parental Behavior and Corticosterone</i>
12:50 - 1:00 pm	Sarah Montgomery	<i>Geophysical and Archaeological Investigations of Civil War Sites near Radford</i>
1:10 - 1:30 pm	Laken Cooper	<i>Examining the Reproductive and Immunological Underpinnings of Invasive Species Expansion in the Kenyan House Sparrow</i>
1:30 - 1:50 pm	James Grenier	<i>An Expository Proof of Bezout's Theorem</i>

Poster Sessions

2:00 - 3:20 pm	Laken Cooper	<i>Examining the Reproductive and Immunological Underpinnings of Invasive Species Expansion in the Kenyan House Sparrow</i>
	Jarrold Hobson	<i>Developing Curriculum Materials for Vocabulary Intervention</i>
	Jessica Irvin	<i>The Utility of Pokeweed Antiviral Protein against Mosquito-Borne Viruses</i>
	Sarah Montgomery	<i>Geophysical and Archaeological Investigations of Civil War Sites near Radford</i>

Poster Sessions

2:00 - 3:20 pm	Daniel Metz	<i>Development of Molecular Tools for the Detection of Echinostoma trivolvis in Environmental Samples</i>
	Stephanie Nicholas	<i>Effects of a Royal Jelly Derived Hormones on Growth and Development of a Holometabolous Insect, Manduca sexta</i>

Symposium Session II

3:30 - 3:50 pm	Melissa Brett	<i>Investigating An Ancient Volcanic Terrain Through Field Mapping And Geochemistry Of Conglomerate Clasts</i>
3:50 - 4:10 pm	Will Dowd	<i>A Tree-Ring Analysis of Eastern Hemlock in New England</i>
4:10 - 4:30 pm	Trang Nguyen	<i>Semi-variance Decomposition, Downside Systematic Risk, Investor Protection, and the Global Financial Crisis</i>
4:30 - 4:50 pm	Daniel Metz	<i>In Vitro Cultivation of the Parasitic Flatworm Echinostoma trivolvis</i>

See You

Next

Year!

We would love to hear what projects are underway on campus, what challenges exist for expanding current work with undergraduates, and how OURS can support your efforts! Please feel free to write (jjwirgau@radford.edu or OURS@radford.edu), call (x5650), drop in (Reed 354), follow us on Facebook (www.facebook.com/RUOURS) or on the web (<http://www.radford.edu/content/ours/home.html>).

Sincerely,

Joe Wirgau

Interim Director of the Office of Undergraduate Research
and Scholarship



