



RESEARCH & CREATIVE SCHOLARSHIP  
**QUARTERLY**

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Welcome to another month of exciting research and creative scholarship updates! As we settle into the fall semester, let's take a moment to celebrate the innovative work being done across our campus. This month, we'll highlight:

- Assistant Professor Krystina Angelini of Biology whose grant from the Commonwealth Transfusion Foundation helps students in our Medical Lab Science program gain experience with advance technologies in the student simulation laboratory.
- Student-faculty research teams lead by Drs. Sandy Liss and Jason Davis who earn spots in the Council on Undergraduate Research's Scholars Transforming through Research program.
- New research-related resources for faculty and students
- Upcoming and ongoing research and creative scholarship events and workshops.

We encourage you to explore the full newsletter for more details on trainings, resources and inspiration.

Let's continue to foster a vibrant research community together!

Jeanne Mekolichick, Ph.D.

Associate Provost of Research, Faculty Success & Strategic Initiatives

# Faculty Spotlight

**Krystina Angelini, Assistant Professor**

**Department of Biology (Medical Laboratory Science Program) - RUC**

**Sponsor:** Commonwealth Transfusion Foundation

**Project Title:** *Radford University Medical Laboratory Science Program Transfusion Medicine Simulation*



## **Purpose of the Project**

The medical Laboratory Science program at Radford University Carilion operates our student transfusion medicine simulation laboratory where we support our clinical cohort class in growing the need for medical laboratory professionals in Southwestern Virginia and other areas of the Commonwealth. Our current clinical cohort is comprised of 20 students, with an anticipation of increasing to 30 students within the next three years. Previous funding from CTF has allowed the expansion of our transfusion medicine simulation laboratory to include updated technologies that have benefited our students and prepared them to be employed by our clinical partners. This includes experience with not only tube testing, but manual column agglutination technology (gel) and solid phase red cell adherence (SPRCA). We would like to be able to continue to offer these advanced technologies in our student simulation laboratory, as well as increase student comfort levels with routine tube testing that they will most likely encounter in the clinical setting.

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## **Research Success**

**Radford University Research Teams Chosen to Represent Virginia in Prestigious Advocacy Program**

The Council on Undergraduate Research (CUR) recently announced that two Radford University student-faculty teams were accepted into the Scholars Transforming through Research (STR) program. Out of 63 total teams, Dr. Jason Davis and Dr. Sandra Liss were chosen, along with their student research teams, to represent Radford University. They were also the only Virginia teams chosen to participate.



Left to right: Eni Szabad, Sandy Liss, Quentin Shivnen, and Jovanny Machuca Tiznado

The STR program is a professional development opportunity for researchers "interested in garnering communication and advocacy skills to leverage the impact of their undergraduate research experience." Our Radford student-faculty teams, as part of the program, will take part in a six-month program that includes virtual and in person training culminating in a virtual showcase and will interact with United States government representatives.

Reflecting on this prestigious opportunity, Dr. Jason Davis mused, "Undergraduates are essential participants in research; they're the next generation of discoveries waiting to happen, the people who will stand on shoulders and see further than we have. Helping them up onto those shoulders, and giving them the tools they need to share what they see with others, is absolutely essential."

Reflecting on including undergraduates within her research, Dr. Sandra Liss noted, "Effective communication is vital to the success of scientific endeavors, and we are looking forward to this unique opportunity to advocate for undergraduate research on Capitol Hill." OURS is incredibly proud of the teams chosen to represent Radford University, and we wish them the best of luck in the unique professional development opportunity at the Capitol.

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## Research Resources

### OURS: Research Ready Series

The Office of Undergraduate Research and Scholarship (OURS) is excited to announce the creation of a regular faculty and student support seminar series taking place the first and third week of each month.

All seminars are open to Radford University students, faculty and staff. The meeting the first week of the month will be focused on faculty support and the meeting the third week of the month will be focused on providing student support. The meetings will be hybrid through zoom and in person at the Center for Innovation Teaching and Learning (CITL, McConnell Library 270). May through July are in support of the SURF program and will be marketed to all students and faculty.

#### **Creating Audience Centered Posters for Winter CARD and Beyond**

3:30 pm November 5th in CITL: McConnell 270 or <https://radford.zoom.us/j/94626734421>

#### **Applying to Graduate School**

12:30 pm November 19th in CITL: McConnell 270 or <https://radford.zoom.us/j/98753750336>

#### **Helping Your Research Student Write a Successful SURF Grant**

Our Turn, Tentatively January 15th

OURS can also run workshops on various professional development areas for your class or even research team. Contact us at [ours@radford.edu](mailto:ours@radford.edu), 540-831-7203, or in Whitt Hall Rooms 118-126.

## Looking for authorship ethics support?

The Authorship Project has resources for faculty, staff and students on responsible authorship practices

[More information on the Authorship Project](#)

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## Upcoming Funding Opportunities

### SEED Grant Program

SEED Grants are one-year grants to fund pilot or preliminary work leading to external funding for large research/creative projects by members of the faculty and staff. Please click on the following link to view our proposal guidelines. If you have questions about the SEED Grant Program please contact Tom Cruise at [tcruise@radford.edu](mailto:tcruise@radford.edu)

[SEED Grant Application and Guidelines](#)

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## Upcoming Professional Development Opportunities

### *All-day Writing Workshop presented by Hanover Research: SAVE THE DATE!*

- When: February 7, 2025
- Where: Heth 014

Topics covered:

1. Developing a competitive AREA R15 Proposal
2. Developing a competitive NIH Proposal
3. Developing a competitive NSF Proposal

If you are interested in attending any of the workshops, please contact Tom Cruise at [tcruise@radford.edu](mailto:tcruise@radford.edu)

### CITI Research Training

Did you know that CITI Research Training educational and training materials not just for IRB or IACUC research?

CITI's focus areas also include courses in ethics, research, meeting regulatory requirements, responsible conduct of research, research administration and other topics pertinent to the interests of member organizations, individual learners, and society.

Please take advantage of other training materials offered to you through our CITI program.

- Responsible Conduct of Research (based on research discipline)
- Getting Started with Grant Writing: An introduction
- Data Management for SBE Research

If you are interested in learning more about the training opportunities provided by CITI, please contact Anna Marie in the Research Compliance Office at 540-831-5290.

## Other Professional Development Opportunities and Resources

Please be sure to check out the Sponsored Programs Training Page on our website!

Sponsored Programs Training Resources

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## Did you know?

### Apply for Undergraduate Research Showcase at the Capitol

The Network for Undergraduate Research in Virginia (NURVa) announced the creation of an Undergraduate Research Showcase at the Capitol. Radford University is invited to submit up to five poster proposals, and can then have up to two selected for the event by NURVa. This event will take place in **Richmond, Virginia, at the General Assembly Building on Thursday, February 6, 2025, from 3-5pm.**

All applications submitted by midnight November 15th will be evaluated by the OURS advisory committee according to the NURVa criteria. NURVa will make the ultimate decisions by December 16th. Please contact the Office of Undergraduate Research at [ours@radford.edu](mailto:ours@radford.edu) with any questions.

Help your students take that next step in Research by encouraging them to submit an application today!

Click here to apply

### Inter-university Consortium for Political and Social Research (ICPSR)

Radford University is a member of ICPSR (Inter-university Consortium for Political and Social Research), a leading resource for social science data. It houses a vast collection of datasets, making it a valuable tool for researchers across various disciplines. ICPSR also provides classroom exercises, resources for students, as well as training and support for data analysis and research methods, helping researchers to make the most of the data. Check out everything ICPSR has to offer!

More information on ICPSR

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## Coming Soon

Sponsored Programs is in the process of updating our website to provide helpful resources for researchers who need assistance with the development of a **data management plan (DMP)**. Included on our website will be access to a SMP Tool which is free, open-source, online application that helps researchers create DMPs. The DMP Tool provides a click-through wizard for creating a data plan that complies with funders' requirements.

Many funding agencies require data management plans as part of a grant proposal application. Even if you are not seeking funding for your research, documenting a plan for your data is always the best practice so Sponsored Programs will soon have valuable resources on our website at your disposal!

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## Upcoming Events

### The Wicked Festival

Join us for Wicked Festival VII, Radford's seventh, biannual problem solving exhibition taking place on November 14, 2024 from 5:00pm-8:00pm in Kyle Hall.

[More Information on The Wicked Festival](#)

### 6th Annual Winter CARD (Creative Activities and Research Days)

It is with excitement that OURS can share with you the schedule for the 6th Winter Creative Activities & Research Days (CARD) at Radford University. Over the course of this event, there will be numerous displays of student presentations encompassing the vast research and knowledge they have acquired while working closely with Radford University faculty to solve the issues we face in our society. It is our hope that you will join us for a fascinating event at which the outstanding work of Radford University students and faculty will be on full display!



[More Information on Winter CARD](#)

**All-day Writing Workshop presented by Hanover Research**

Hanover Research is hosting an All-day Writing Workshop, February 7, 2025 in Heth Hall, Room 014.

Covering the following topics. Come to one or all three:

- Developing a competitive AREA R15 Proposal
- Developing a competitive NIH Proposal
- Developing a competitive NSF Proposal

**The Sixth Annual Summer Institute in Research and Creativity**

Save the date for the sixth annual Summer Institute for Research and Creativity, May 14-16, free and open to all faculty and staff.

Do you have a dissertation chapter that wants to be an article? Do you have an idea for a textbook? Would your research benefit from support for grant writing? Do you just need a kick in the pants (i.e., productivity, creativity, and accountability coaching)?

Participants will receive a certificate of completion for attending the workshops. Contact Heather Keith at [hkeith1@radford.edu](mailto:hkeith1@radford.edu) for more information.

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