From Research Rookie to Cybersecurity Speaker

So many students start out at college with the goal to make the most of their time. Well, so far so good for Cybersecurity major Sam Williams. Since graduating from high school in South Carolina in 2020, Sam has used the support of the Highlander Research Rookies program as a spring board to an impressive list of professional accomplishments. And the latest accolade is as the only student speaker listed at the 25th Colloquium on Information Systems Security Education (CISSE). Sam had originally hoped he had an outside shot at getting accepted to present a poster “but they liked my project and submission so much that they asked me to be a speaker at this conference.”

Under the mentorship of Dr. Prem Uppuluri, Sam has been gaining knowledge of the Internet of Things (IOT). Originally, he was interested in vulnerabilities that can be found through hacking existing IOT systems, such as, Alexa, smart TVs, and anything in your house that connects to Wi-Fi. But as is common in research before he could hack systems, he had to create a place where that can occur; and well now Sam has built an entire IOT lab at Radford University. This lab is different from other IOT labs because it is very low-tech so it can be easily replicated by high school or undergraduate students helping to make the field of cybersecurity equitable. Sam shared that applying, preparing, and presenting was “daunting and the imposter syndrome came out, but the worst thing that could happen was that they say no. And even if I was rejected, I’d have appreciated the constructive criticism.”

Sam started learning about hacking when he was 12 years old and following his passion has led to acceptance in the Highlander Research Rookies program, the Accelerated Research Opportunities – Living Learning Community (ARO-LLC), a summer grant through the SURF program, and being elected president of the Cyber Defense Club at Radford. Sam thought he really benefitted from the fact that “OURS emphasizes learning opportunities through research.” And reflecting on his recent success noted that “ARO gave me the skills on how to communicate professionally, which if you can communicate, you have already won half the battle.” You might wonder what is next for this super sophomore; he is currently working with Dr. Hwajung Lee on finding and exploiting vulnerabilities on Unmanned Aerial Systems. We can’t wait to see what future successes that leads to!

-- Written by Maia Grove and Joe Wirgau
Looking Ahead to Next Year

Citizen Leader Course Applications for 2022-2023

We are turning our attention to the 2022-2023 academic year. We invite faculty to join us. We recognize that many of you currently teach courses that have a strong civic engagement and/or a leadership focus. We encourage you to consider having your course Citizen Leader designated. If you have an idea for an event or activity that is aligned with civic engagement or leadership for a class that we can extend to students across campus, please contact us so we can determine if we can help you financially and help with promotion. Contact Dr. Jean Mistele, jmistele@radford.edu, if you have any questions.

Why should I have my course Citizen Leader designated? We can help fund materials for your course. Contact Dr. Jean Mistele, jmistele@radford.edu at any time to ask questions or to set up a face to face or a zoom meeting – I am happy to help you!

Please click on one of the following links to fill out the application forms to have your course reviewed for designation.

New course application link: course designation form.

Renewal course application link: https://radford.campuslabs.com/engage/forms; (8th on the list) Please have your administrators identify your course as Citizen Leader using the Attribute Code section after your course is approved, for new courses.

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Citizen Leader

Designated Events for Fall 2021:

Please see upcoming events below on page 16. The Designated Citizen Leader Events are highlighted yellow. This means, students who attend these events are fulfilling requirements for the Citizen Leader Distinction Program. We welcome other events that have a focus on community engagement. If you have an idea for an event or activity that is aligned with civic engagement or leadership for a class that we can extend to students across campus, please contact us so we can determine if we can help you financially and help with promotion. Contact Dr. Jean Mistele, jmistele@radford.edu, if you have any questions.
HKC Academic Coaches engaged in a professional development session this month to explore their coaching styles. In this session they identified the strengths of their coaching style and explored the strategies they use to provide feedback, help students set goals, and work together to identify solutions.

Finding their strengths and styles

Coaches were able to hone in on their own values around coaching. We heard statements like:

*I like giving students independence because then the learning is theirs*

*I want to be supportive and make sure nobody feels dumb*

*A directive style works well for me because they can’t change their habits unless we look at what’s working and not working*

*I want to adapt my strategies based on what each student needs from me*
Exploring Strategies

The coaches had robust discussions regarding when to provide a challenging push and when to use strong questions to pull the student into taking the lead by exploring when they use the following 6 coaching strategies and how they combine them:

- Candor
- Compassion
- Performance
- Development
- Advocacy
- Inquiry

The coaches created goals for how they want to lean into or strengthen some of their strategies depending on the situation. Each coach left with an assessment of where they want to grow and a sense for what that would look like in their coaching sessions.

Coaches left the workshop with conversations still buzzing among their fellow coaches, feeling proud of their coaching styles and strategies, and with a list of ideas from coaches who have different strengths and styles.
Elevate Research Program

In alignment with Student Success Goal 1, Sub-strategy 1 articulated in the Radford University 2018-2023 Strategic Plan, to embed research, scholarship and creative activities in the curriculum, we are delighted to announce recruitment of faculty for the Elevate Research Program. Funded by the Jessie Ball du Pont Foundation, the Elevate Research program seeks to

- *Elevate* the equity-minded pedagogy of undergraduate research, scholarship, and creative inquiry (URSCI) through professional development for Elevate Faculty Fellows
- *Elevate* the number of students participating in URSCI by infusing it into the curriculum, primarily first and second year courses (also known as CUREs—Course-based undergraduate research)
- *Elevate* Black, Indigenous, and People of Color (BIPOC) student opportunities and engagement with URSCI as Elevate Student Research Mentors
- Advance institutional efforts to close equity gaps in student success

**Elevate Faculty Expectations, Details, and Timeline**
This is the second cohort funded by the grant. We are currently recruiting **10 Elevate Faculty Fellows** now through **November 1, 2021** to participate in cohort #2. Elevate Faculty Fellows will

- Participate in professional development in course (re)design, CUREs and inclusive pedagogies (Spring and Summer 2022)
- Commit to teach the CURE-embedded course in Fall of 2022
- Engage in reflection and feedback on the experience

**Elevate Faculty Fellows Support** includes

- $2000 stipend (half at the end of the professional development and half after the design phase)
- $250 per course for supplies
- Professional development workshops
- Funding for URSCI conferences (Council on Undergraduate Research)
- Connections to disciplinary professional networks in URSCI and CUREs
- Elevate Student Research Mentor to support your course
- Plug-and-play presentation outlets for course products (Winter CARD, SEF, etc.)

The Elevate Student Research Mentor role creates opportunities for BIPOC students to gain experience in URSCI & leadership development.

- Identification of Elevate Research Student Mentors can come from faculty and/or supported by the Elevate Research Leadership Team. Faculty will have final authority on student selection
- Students earn $12/hour for 6 hours a week for their work in the Elevate Research program
- Students receive professional and career development, mentorship, and networking opportunities

**Interested in joining the team?**

- Talk to your department chair to confirm support and course assignments for Fall 2022
- Apply at [https://tinyurl.com/ElevateResearch](https://tinyurl.com/ElevateResearch) **Deadline November 1, 2021 5:00 pm**

**Have questions?**
Reach out to Joe Wirgau [jiwigau@radford.edu](mailto:jiwigau@radford.edu), Heather Keith [hkeith1@radford.edu](mailto:hkeith1@radford.edu) or Jeanne Mekolichick [jmekolic@radford.edu](mailto:jmekolic@radford.edu)
One of the premiere, annual, cybersecurity events in the Commonwealth of Virginia, the RUSecure Capture The Flag competition, officially began on October 4th, 2021. Sponsored by the Center for Information Safety and Security at Radford University along with the School of Computing and Information Sciences at Radford University, this contest provides an opportunity for student teams to test their skills against the best and brightest in Virginia and around the United States.

The event launched with 157 teams representing approximately 750 students, representing nearly a 100% increase in participation over 2020. Teams must be made up of currently enrolled high school, home school, or community college students and consist of between 3 and 5 students with a faculty or staff coach. Typically that number grows over the six weeks that the contest takes place and this first round of the competition is designed to be purely educational. Support materials are made available with many of the 90+ challenges in the fall contest. The categories for this fall include: Hashing, Cryptography, Mathematical Cryptography, TV Streaming (networks), Reverse Engineering, Reconnaissance, Linux, and Ethics and Cyberlaw.

The program evolves each year and is designed by Radford University faculty and students. The CTF event features challenges including Linux, Reconnaissance, Cryptography, Hashing, and Web Exploitation with the support of educational materials.

The preliminary round continues until Friday, November 12th. A further qualifying round will take place in the spring semester with finals occurring in April.
Congratulations to **Mariah Campbell**, a second year School Counseling student in the College of Education and Human Development, for completing work as the Editorial Assistant for the 38th Edition of the *Virginia Counselors Journal* recently published by the Virginia Counselors Association.

**Dr. Antonio L. Ellis**, assistant professor in the Radford University School of Teacher Education and Leadership has been elected to serve on the Cesar Chavez Public Charter Schools (PCS) for Public Policy Board of Trustees, based in Washington, DC. The Board of Trustees supports the mission of Cesar Chavez PCS by providing strategic leadership in the areas of development, governance, and academic excellence. Cesar Chavez Public Charter Schools for Public Policy opened with a dream to provide DC youth with a quality high school education focused on public policy. Cesar Chavez PCS’ mission is to prepare students to succeed in competitive colleges and to empower them to use public policy to create a more just, free, and equal world.
Diversity, Equity, and Inclusion

Conversations for Change
Faculty and staff from the University community are invited to our Conversations. We will meet in-person and have a zoom option, but we do not record these events to allow people to make mistakes (which is one of our Conversation agreements). You do not have to RSVP for the events, but please let me know if you are interested in facilitating a Conversation. Last year we had a variety of sessions including how to have critical conversations in the classroom, responding to students’ linguistic diversity, and reflecting on the challenges and changes in 2020 and 2021.

Join us for our next Conversation for Change, on
Tuesday, October 12 from 10:00-11:00 am on Zoom.
Paula Prince, Ph.D., will facilitate this event.

Conversations for Change: A Day in the Life of the Medically Underserved
What does it mean to be medically underserved in the United States today?
Is it down to life choices or life chances?
Join us for the conversation!
Join from PC, Mac, Linux, iOS or Android: https://radford.zoom.us/j/7397684009

****Mark your calendars for the Next Conversations for Change on
Friday, November 12, 2021 at 9:00am****

DEI Book Clubs
Just Medicine: A Cure for Racial Inequality in American Health Care
- Meetings will be held virtually on the third Monday of the month in the fall semester, from 12:00-1:00 PM on September 20, October 18, and November 15

Appalachian Reckoning: A region responds to Hillbilly Elegy
- Meetings will be held virtually on the third Tuesday of the month in the spring semester, from 12:00-1:00 PM on February 15, March 15, and April 19
- One of the authors and photographers for this book, Dr. Theresa Burriss, Director of Appalachian Studies and the Appalachian Regional & Rural Studies Center, will join us for our final meeting on April 19.
Steering Committee
This committee is open to all who have an interest in DEI. In addition to planning activities, we will be setting goals and planning additional activities. During the fall semester, meetings will be held virtually the first Tuesday of the month from 10:00-11:00 AM on September 7, October 5, November 2, and December 7.

Waldron College Interprofessional Education and Practice Events
Interprofessional Education and Practice Symposium
November 5, 2021, February 18, 2022

Interprofessional Symposium & Expo
April 2022

Disaster Day
April 2022

Dr. Kerry Vandergrift was selected as the Academic Leadership Fellow for the Academic Success Center for the 2021-2022 academic year.

Department of Physician Assistant Studies
PA Day was Friday 10/1. They worked with the Red Cross in the Highlander House at RUC to collect blood. Their student organization spoke at local colleges to raise awareness of PA’s and the profession. Their students volunteered at “First Fridays” which is a local Roanoke event. The mayor of Roanoke or the vice mayor read a proclamation regarding PA Day.

STEAM DAY
Respiratory Therapy will be participating again this year.

Date: October 29th
Time: 9:00am – 2:00pm
Mode: Live or recorded
Length: Segments should be 5 – 30 min.

This annual event has involved and supported Carilion, RUC, VTCSoM, the Science Museum and other related venues. The event is marketed to elementary and middle schools across SW Virginia.
Three Radford University Carilion Online Programs Ranked in the Top Five Nationwide

Three Radford University Carilion (RUC) online healthcare leadership programs have been ranked as some of the best in the nation by Academic Influence, a company that uses artificial intelligence to arrive at its various rankings.

In their respective categories, RUC’s bachelor of science in healthcare administration is ranked the #2 program in the country; the master of science in health sciences is ranked #4; and the master of healthcare administration is ranked #5. All of the programs are part of RUC’s Public Health and Healthcare Leadership (PHHL) department.

“We are proud of these rankings and feel it demonstrates the hard work and dedication of our faculty and students,” said Sallie Beth Johnson, Ph.D., Chair of the Department of PHHL and Program Director, of the bachelor-level health sciences and public health programs at RUC. “We strive to offer the best online healthcare leadership programs in the region, the state and beyond, and this recognition shows we are succeeding.”

According to Academic Influence, it uses a unique artificial intelligence (AI) methodology to generate its rankings of dozens of online degree programs at the associate, bachelor and master’s degree levels. The technology aggregates scholarly and academic citations from databases such as Wikipedia and Crossref, evaluate links and other semantic information contained in these databases and weigh their merits against other information sources such as periodicals, journals, and global media outlets.

Additionally, the AI underlying the company’s ranking engine drills down deeply to identify people and institutions, locating mentions of them across the Web in 15 different languages, associate those mentions with records of achievement in specific fields of study, map the people that make up an institution, keeping track of independent work done by those people as well as their affiliations with other institutions, and aggregate the influential output of people at an institution, thereby gauging the institution’s influence by disciplinary programs and overall. Additional details about Academic Influence’s AI-powered methodology can be found at https://academicinfluence.com/about/methodology.

More information about the recognition of RUC’s online healthcare leadership programs can be found at https://academicinfluence.com/schools/radford-university.

August 25, 2021 - Mark Lambert
Accolades Physical Therapy

Emily DiSalvo is being awarded our 2021 student of the year award. election as the 2021 Radford University Carilion Doctor of Physical Therapy Program student of the year

APTA CSM is the largest physical therapy conference in the country. We have 7 accepted abstracts (platforms and posters) with 7 faculty and 14 students presenting. Please note, these student presentations represent the capstone projects from the 2022 cohort. These students accomplished this high level of research during the pandemic.

APTA Combined Sections Meeting February 2-5*, 2022- Accepted Presentations
7 presentations, 14 students (Capstone projects), 7 Faculty


Paul A, Parcetich K, Miner D. Utility of Activities-Specific Balance Confidence Scale for Fall-Risk Screening in Ambulatory Older Adults Living Independently. APTA CSM 2022. San Antonio, TX. PLATFORM presentation.


Kolb W, Cunningham S, Parcetich K, Miner D, Glass S. Transforming Leadership Education; A Case Study Using an Experiential Learning Method in DPT Education. APTA CSM 2022. San Antonio, TX. Poster Presentation

*APTA CSM is the largest physical therapy conference in the country.

Public Health and Healthcare Leadership PHHL

10/18-10/22 is National Health Education Week and their students are participating in a series of seminars.
A DAY IN THE LIFE OF THE MEDICALLY UNDERSERVED

What does it mean to be medically underserved in the United States today? Is it down to life choices or life chances? Join us for the conversation!

Facilitated by Paula L. Prince, Ph.D.

We extend an invitation to listen compassionately, share honestly, and learn bravely, in an effort to create a kinder world.

TUESDAY, OCTOBER 12
10:00 TO 11:00 AM
VIRTUAL

SEE EMAIL FOR MORE INFORMATION
FALL FESTIVAL

Tuesday, October 12, 2021
11 a.m.–1 p.m.
Reid Lawn

• Club and Resource Fair
• Free T-Shirts
• Mechanical Bull
• Mega Extreme Obstacle Course
• Rock Climbing Wall
• Hippo Chow Down
• Popcorn
• Sno-cones

All RUC students, faculty and staff are welcome to join us for this fun event!

For more information, contact Elizabeth Costa, RUC Student Affairs Manager, at 540-985-9701 or ecosta@radford.edu.
Please accept the personal invitation of Dr. Joy Bhadury, Dean of The Davis College of Business and Economics, to the

GLOBAL CAPITALISM LECTURE SERIES

SPONSORED BY TRUIST FINANCIAL CORPORATION

Speaker, Kent S. Greenawalt - Chairman and CEO of Foot Levelers, Inc., will be speaking on Capitalism, Profit and Stewardship - Having it All.

Tuesday, October 26, 2021
12:30 pm - 2:00 pm

RSVP by October 20, 2021 to daviscollege@radford.edu
Zoom link and password will be sent to your email address once we have received your RSVP.

Kent S. Greenawalt is Chairman and CEO of Foot Levelers, Inc. located in Roanoke, VA. Kent is a committed supporter of chiropractic education, as evidenced by the numerous grants, research studies, donations, education chairs, and scholarships he’s been awarded. As Chairman of Foot Levelers’ Educational Division, Kent leads the way in providing chiropractic educational seminars across the globe to help doctors enhance their skills and stay on top of the latest chiropractic techniques and information.
Faculty Development/CITL


Open to all Radford University students, this community-wide film challenge is a great plug and play assignment for your students!

For details, guidelines, upload, and examples, click "Learn More" below.
<table>
<thead>
<tr>
<th>Event</th>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Sponsor</th>
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<tbody>
<tr>
<td>Center for Diversity and Inclusion Lunch and Learn: LGBTQIA + Month</td>
<td>Heth 157</td>
<td>10-13-2021</td>
<td>11:30am-1:30pm</td>
<td>Designated Citizen Leader Event</td>
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<tr>
<td>Speaker Event: Dr. Chapman Rackaway, Chair, Dept. of Political Science</td>
<td>Heth 022</td>
<td>10-19-2021</td>
<td>3:00-4:00pm</td>
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<td>Primary Compensation: Shifting Competition Frames in State Legislative Primary Elections in the 2010’s and Beyond</td>
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<td>Gendered RU: Examining gender expectation at RU via Digital Archives</td>
<td>TBD</td>
<td>10-25-2021</td>
<td>5:00pm</td>
<td>Designated Citizen Leader Event</td>
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<tr>
<td>Panel Discussion: Human Trafficking</td>
<td>Peters Hall B160, Space Limited</td>
<td>10-26-2021</td>
<td>9:30am</td>
<td>Designated Citizen Leader Event</td>
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<tr>
<td>Center for Diversity and Inclusion: Diversity, Equity &amp; Inclusion Training Services</td>
<td>CDI 157</td>
<td>10-28-2021</td>
<td>10:00am-3:00pm</td>
<td>Designated Citizen Leader Event</td>
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## UPCOMING EVENTS

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<tr>
<td>APA 7 Workshops</td>
<td>ILC B, McConnell Library</td>
<td>10-20-2021</td>
<td>3:00pm</td>
<td>Research Services, McConnell Library</td>
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<td>11-10-2021</td>
<td>10:00am</td>
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<tr>
<td>Global Capitalism Lecture Series</td>
<td>Zoom—RSVP by 10-20-2021 to <a href="mailto:daviscolllege@radford.edu">daviscolllege@radford.edu</a></td>
<td>10-26-2021</td>
<td>12:30-2:00pm</td>
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<tr>
<td>Speaker, Kent S. Greenwalt—Chairman and CEO of Foot Levelers, Inc., will be speaking on <em>Capitalism, Profit and Stewardship—Having it All.</em></td>
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