Radford University Cybersecurity Researcher Wins Entrepreneurial Innovation Challenge

Sam Williams, in collaboration with Chiwoo Chang (University of Virginia’s College at Wise), was recognized on June 3rd as the first-place winner of the Student Entrepreneurial Ideation Challenge by the Commonwealth Cyber Initiative and CivilianCyber. Teams from across Southwest Virginia were tasked with designing strategies for common small business cybersecurity challenges. The approaches developed by the teams were then presented before a panel of judges that included IT professionals. Sam was quoted at the event explaining that “Trying to put a sticker price on peace of mind was very difficult, but I feel like I have a better understanding of how hard it is to balance talent, time, and business operations with security...This challenge showed me that I’ve come a long way, but there are still many skills to master.” Radford university students Adam Flowers, Sandie Hill, and John Ramsoodar were recognized with Third place for their project on “How to Counter Cyberattacks in Small Business.”
**OURS Associate Director Recording Tracks in Nashville**

Associate Director for OURS/Director of Music Education, Dr. Jennifer McDonel, is working on a grant with the Zero-To-Three, a global, non-profit organization, on a new early childhood mathematics curriculum being developed by the organization. Dr. McDonel was invited to the project for her expertise in early childhood music development to compose, perform, and produce songs that complement the mathematics activities being developed for the “Problem Solvers” curriculum.

As in the “School House Rock” videos of the late 1970s and early 1980s, McDonel’s songs are intended to help reinforce early childhood mathematics concepts of number, counting, shapes, and sets through music that is catchy and memorable. Professor Dave Rivers, Director of Music Business, is professionally producing the songs. The two have been recording tracks in Nashville this summer with studio musician, John Willis.

The “Problem Solvers” curriculum has been piloted by several sites this past year, including our own Radford Early Learning Center and is slated to be available in its final form in August 2022 through Zerotothree.org as an open-access resource for parents and preschools everywhere!

**Save the Dates**

The 10th Summer Research Celebration is scheduled for October 12th in Kyle Hall 340.

The 4th Winter Creative Arts and Research Days (CARD) is scheduled for November 30th and December 1st in Kyle Hall.

The 32nd Student Engagement Forum April 18-20.

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**Record Number of Students Supported by OURS**

As our academic year ends, it is with great excitement we can share that a record number of 1,019 unique undergraduates were part of programming from OURS this past year. This increase transcended the drop that occurred in the 2021AY due to the pandemic and is highlighted by a record number of undergraduate students participating in the Student Engagement Forum.

**Accelerated Research Opportunities (ARO) Recruiting Continues Through Quest**

For those working as part of Quest, we are still accepting students into ARO. If you have reliable, curious students interested in working on projects, they are a good fit for ARO and please send them to Young Hall near 213 from 10:30-11:45 am as part of the College Engagement and Exploration. Students interested can be added to OURS 100-01, 3 credits, MWF 2:00-2:50 pm, CRN 15684. More information can be found at [www.radford.edu/aro](http://www.radford.edu/aro).
Faculty Development/CITL

Save the Dates!

New Faculty Orientation August 10-11
New Chairs Leadership Institute August 12
Our Turn August 16-17

New Adjunct Faculty Orientation – August 18
Faculty Development/CITL, in partnership with ITS, will host a half-day orientation, which will include D2L and inclusive teaching workshops (a more formal announcement will come out in mid-late July).

Merrie Winfrey and Allison Wisecup will facilitate a discussion of the Scene On podcast’s season 2, “Seeing White.” Scene On introduces the series: “Just what is going on with white people? Police shootings of unarmed African Americans. Acts of domestic terrorism by white supremacists. The renewed embrace of raw, undisguised white-identity politics. Unending racial inequity in schools, housing, criminal justice, and hiring. Some of this feels new, but in truth it’s an old story. Why? Where did the notion of “whiteness” come from? What does it mean? What is whiteness for? Scene on Radio host and producer John Biewen took a deep dive into these questions, along with an array of leading scholars and regular guest Dr. Chenjerai Kumanyika, in this fourteen-part documentary series, released between February and August 2017.” Participants will listen to episodes on their own, and then we will come together (in-person and via Zoom) to discuss them. Because these are rich areas for discussion, we will stretch the discussion over two semesters—8 episodes in 5 meetings in Fall 2022 and 6 episodes over 5 meetings in Spring 2023. This Fall we will meet in-person at the CITL iLab and via Zoom, on the following Wednesdays, 12:00-12:50 pm: 9/7 (episodes 1 & 2), 9/21 (episodes 3 & 4), 10/5 (episode 5), 10/19 (episodes 6 & 7), and 11/2 (episode 8).
### New grants received for the month of June

<table>
<thead>
<tr>
<th>Project Department</th>
<th>Project Director(s)</th>
<th>Project Title</th>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>Laura Link</td>
<td>ASCP Laboratory Science Program Director Educational Grant</td>
<td>American Society for Clinical Pathology Foundation</td>
<td>$2,500.00</td>
</tr>
<tr>
<td>School of Teacher Education and Leadership</td>
<td>Sharon Gilbert</td>
<td>Infant and Toddler Connection (ITC NRV) 2022-2023 State Funds</td>
<td>Virginia Department of Behavioral Health and Developmental Services</td>
<td>$471,471.00</td>
</tr>
<tr>
<td>School of Teacher Education and Leadership</td>
<td>Sharon Gilbert</td>
<td>Infant and Toddler Connection (ITC NRV) 2022-2023 State Funds</td>
<td>Virginia Department of Behavioral Health and Developmental Services</td>
<td>$157,437.00</td>
</tr>
<tr>
<td>Vinod Chachra IMPACT Lab</td>
<td>Matt Dunleavy</td>
<td>Professional Accelerated Cyber Education (PACE)</td>
<td>US Department of Education</td>
<td>$1,223,552.00</td>
</tr>
<tr>
<td>Vinod Chachra IMPACT Lab</td>
<td>Matt Dunleavy</td>
<td>Development of non-credit bearing, online, self-paced and competency-based Early Childhood Education micro-credentials to increase VDOE’s workforce capacity</td>
<td>Virginia Department of Education</td>
<td>$145,000.00</td>
</tr>
<tr>
<td>School of Social Work</td>
<td>Diane Hodge</td>
<td>Recruitment and Development of Professionally Trained Workforce in the Field of Child Welfare</td>
<td>Virginia Department of Social Services</td>
<td>$293,990.00</td>
</tr>
<tr>
<td>School of Social Work</td>
<td>Diane Hodge</td>
<td>Community Resource Adoptive Foster Family Training (CRAFFT) 202202023 (through RU Foundation)</td>
<td>Virginia Department of Social Services</td>
<td>$221,696.00</td>
</tr>
</tbody>
</table>

### SPGM FY 2022 Statistics
RU faculty have successfully secured over $8 million in competitive, external grant awards, while writing over $32.5 million in proposal applications. Throughout this fiscal year, there have been many highlights as well as many accomplishments led by our faculty, staff, and students. These individuals have worked extremely hard to strengthen the university’s research and creative scholarship while providing opportunities and experiences for our students. A job well done on another remarkable year!

### Hanover Research Grant Alert Dashboard
Are you interested in finding a potential sponsor to support your scholarship? Hanover’s [Grant Alerts dashboard](#) profiles relevant previously announced national-level funding opportunities, which can be sorted by type, agency/funder, and date. Also, your dedicated Content Director and Relationship Director also are ready to help with custom research solutions to the challenges you are facing.

If you are interested in learning more about Hanover and ways they can support your research, please contact the Office of Sponsored Programs at tcrui3e@radford.edu

### Research and Grant Writing Newsletter
Would you like more grant-writing resources and other information supporting research and scholarship? If so, please sign up for the Research and Grant Writing Newsletter from our patterns at Academic Research Funding Strategies, LLC.
Topics for June’s newsletter include:

- **Select List of Humanities, HSS, and Arts Opportunities & News** – We list funding opportunities for scholars in the humanities, social sciences and the arts.

- **NSF Begins Using Broad Agency Announcements** – BAAs have been widely used by other funding agencies, but not much by NSF until now. We discuss how BAAs are different and how and why NSF is using them.

- **NSF’s New TIP Directorate** – More changes at NSF! They have just created their first new directorate in 32 years. Here we summarize the new TIP Director’s presentation about TIP at the NSF Regional Grants Conference.

- **NSF’s Semi-Annual “Shout Out to Those Guilty of Research Misconduct and Plagiarism”** – We discuss the characteristics that successful ERC proposals share and what you can learn from them.

- **Adjectives are Not Numbers** – It’s important to understand what data you need in your proposal, and this is especially true for the large grants coming down the pike.

- **Defining and Supporting Your Premise** – Proposals are almost always built on a premise, whether or not it is stated. We discuss what a premise is and how funders, especially NIH, expect you to support it (reprinted from December 2018).

### Upcoming Grant Opportunities
Please contact SPGM at tcruise@radford.edu if you are interested in the following:

<table>
<thead>
<tr>
<th>Grant Name</th>
<th>Research Experiences for Undergraduates (NSF)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Summary:</strong></td>
<td>This solicitation features two mechanisms for support of student research: (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. (2) REU Supplements may be included as a component of proposals for new or renewal NSF grants or cooperative agreements or may be requested for ongoing NSF-funded research projects.</td>
</tr>
<tr>
<td><strong>Eligibility:</strong></td>
<td>There are no eligibility restrictions.</td>
</tr>
<tr>
<td><strong>Dates:</strong></td>
<td>Proposals are due by September 6, 2022.</td>
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</table>

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<thead>
<tr>
<th>Grant Name</th>
<th>Archaeological and Ethnographic Field Research (NEH)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Summary:</strong></td>
<td>This program makes awards to institutions and organizations conducting empirical field research to answer significant questions in the humanities. Archaeology and ethnography are important methodologies utilized by many disciplines across the humanities and social sciences that provide observational and experiential data on human history and culture.</td>
</tr>
<tr>
<td><strong>Eligibility:</strong></td>
<td>There are no eligibility restrictions.</td>
</tr>
<tr>
<td><strong>Dates:</strong></td>
<td>Proposals are due by September 28, 2022.</td>
</tr>
</tbody>
</table>

| Grant Name | Humanities Connections (NEH) |
The Humanities Connections program seeks to expand the role of the humanities in undergraduate education at two- and four-year institutions. Awards support innovative curricular approaches that foster partnerships among humanities faculty and their counterparts in the social and natural sciences and in pre-service or professional programs (such as business, engineering, health sciences, law, computer science, and other technology-driven fields), in order to encourage and develop new integrative learning opportunities for students.

**Eligibility:**
There are no eligibility restrictions.

**Dates:**
Proposals are due by September 1, 2022.

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**Grant Name:** William T. Grant Foundation: Institutional Challenge Grant

**Summary:**
The William T. Grant Foundation invites applications for its Institutional Challenge Grant, which encourages university-based research institutes, schools, and centers to build sustained research-practice partnerships with public agencies or nonprofit organizations to reduce inequality in youth outcomes.

**Eligibility:**
There are no eligibility restrictions.

**Dates:**
Proposals are due by September 14, 2022.

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**McGlothlin Global Center for Education and Enhancement**

The Education Abroad Office will soon be using our study abroad software (Terra Dotta) to digitize the course approval process for students participating in study abroad experiences. This software will replace the current paper-based system we currently have in place, and will significantly shorten the time of getting courses approved by departments. Please note that department chairs will be contacted, and provided an opportunity for training, prior to the launch of this software.

**Reminder:** Our office is open all summer and happy to help anyone needing a passport.