Academic Affairs Leadership Team (AALT) Reports

Artis College of Science and Technology - Pandemic Postponements Produce Productive Publications

In a typical summer, Dr. Stockton Maxwell, Associate Professor of Geospatial Science, would be traveling across the continental U.S. conducting tree ring research as well as participating in seminars and conferences sharing his work. The year 2020 has proven to be anything but typical and while some regional travel was possible, the sudden change in plans led to an opportunity to pursue some additional publications of his experiences and research.

Published in the May 2020 edition of the journal *Climate Change*, the article “A multi-century, tree-ring-derived perspective of the North Cascades (USA) 2014–2016 snow drought” features the work of Dr. Maxwell and his colleagues from around the nation examining the recent deficit of cold weather precipitation in the context of the typical rainfall and snowpack of the past four hundred years. Their work consisted of tree ring analysis in the Pacific Northwest, and they conclude that the decline in the snowpack will “fundamentally impact regional drought and hydrography in North Cascadia and is likely the combined result of rising temperatures, weakening westerly winds, and the magnitude and timing of winter precipitation events.” [Link to Springer](https://link.springer.com/article/10.1007/s10584-020-02719-0)

Continuing the study of the changing climate through the examination and analysis of tree rings, Dr. Maxwell and his fellow researchers assert that daily collection of climate data “may be more appropriate to use in the determination of tree-ring response to climate because cell division, enlargement, and thickening occur during discrete periods of the growing season.” Published in the journal *Agricultural and Forest Meteorology*, the article “Carbon isotope ratios in tree rings respond differently to climatic variations than tree-ring width in a mesic temperate forest” goes on to state “Our work provides a new perspective on the response of annual tree growth and to climatic variability that can inform ecosystem productivity, carbon cycle, and earth system models.” [Link to ScienceDirect](https://www.sciencedirect.com/science/article/pii/S0168192320301167)

Academic Programs - Harvey Knowledge Center: The Harvey Knowledge Center (main campus) is still accepting applications for faculty mentor positions to work with student Academic Coaches in Chemistry and Business. HKC Faculty Mentors serve for one academic year and contribute approximately 25 hours each semester to the Harvey Knowledge Center. Mentors receive an annual stipend of $1,000 for their participation as mentors in the Academic Coach Training and Professional Development Program.

Faculty Mentors are responsible for the following:

- Holding monthly mentor meetings with a small group of Academic Coaches
- Observing at least one coaching session of each mentee and providing targeted feedback
- Holding synchronous or asynchronous “office hours” to remain available for fielding questions, conferencing with Coaches, and working on materials or resources

Criteria:

- At least 2 years of full-time teaching experience or equivalent experience
• Demonstrated commitment to student success and student learning
• Ability to connect with and support students in groups and one-on-one settings
• Willingness to foster a supportive and inclusive learning environment
• Demonstrated knowledge or expertise within a stated discipline or subject area
• Ability to generalize or adapt specialized knowledge to the needs of undergraduate students taking a variety of courses within the department or discipline

More information can be found on our website at https://www.radford.edu/content/harvey-knowledge-center/home/Involved/apply-to-become-a-faculty-mentor.html.

Faculty who would like to apply can submit a brief statement to Jessie Beckett (jbeckett3@radford.edu) regarding why you want to serve as a mentor and how you anticipate your contribution will benefit students.

Citizen Leader

• COVID-19 Expert Panel Series. There are 2 remaining nights of 3 panel series discussion by experts from around the country. The second panel talks about the inequitable death rate among the Black and Latinx communities. The third panel discusses the politics and messages about the public health issue. Citizen Leader is one of the sponsors. See the events calendar for additional details.

• World War II Series: Experience and Legacy, 75 Years Since the Victory
  Speaker (Q&A): Dr. Patricia Heberer-Rice of the United States Holocaust Memorial Museum
  Topic: “Scientific Racism: The History of Eugenics in Nazi Germany and the United States”
  Date: Wednesday, Sept 9
  Time: 4:00 p.m. This week the series takes the form of an advance video presentation followed by a Question and Answer webinar session with Dr. Heberer-Rice.
    • Participants view a 20-minute video before the 4:00 p.m. webinar, video link: Eugenics Video USHMM.
    • The Webinar for Q & A link: USHMM Webinar.
      (Programing Note: The advance video will also become available on the webinar link at 3:30 p.m. on Sept. 9 just prior to the Q and A session.) For further information, please contact Dr. Suzanne Ament (seament@radford.edu) or Dr. Matt Oyos (moyos@radford.edu).

• The second annual Constitution and Citizenship Events are scheduled for Sept. 14 – 18. There will be events on campus addressing various aspects of the law, constitution, and what it means to be an engaged citizen. Details will be forth coming.

• Open weekly sessions for faculty interested in learning more about the program, Fridays from 11 am – 1 pm.
  You will learn about course designation, how to sponsor a Citizen Leader designated event, assessment for those teaching a designated course, funding requests and more. Courses designated as Citizen Leader gives you access to funding for course materials.

  Renewal course designation applications for Spring 2021 are due 9/14/20
  Join from PC, Mac, Linux, iOS or Android: https://radford.zoom.us/j/98864752641 Password: 075539

General Education - REAL -

The number of credits available for RUC students to take from the main campus has been increased to 9 credit hours. Approval from VP Chad Reed has been received.

All REAL Curriculum proposals must be out of the college curriculum committees and into the REAL Council no later than October 15, 2020 in order to be considered by Faculty Senate in the Fall semester.
Office of Institutional Effectiveness & Quality Improvement -
Updated Faculty Credentials Information Due Sept. 15

We are updating faculty credentials for our next SACSCOC review.

- All faculty who use Activity Insight should check to make sure that all their credentialing information is up to date in the system.
- For faculty who do not use Activity Insight, including all full-time and part-time instructors, they should use the credentials form to update their information. A form can be obtained by contacting Sandra Baker (sbaker10@radford.edu).
- Completed Faculty Credentials forms should be sent to Kathy Thompson (kthompos@radford.edu) in the Office of Institutional Effectiveness and Quality Improvement.

Annual Academic Assessment Reports Due Oct. 1

All academic programs are expected to report their program assessment findings in Tk20 by October 1st. A few things to keep in mind:

- Departments should be meeting at the beginning of the academic year to discuss and interpret the findings of the 2019-2020 year’s assessment and strategize ways to make improvements, if necessary. This process should not be left up to just the assessment coordinator.
- In Tk20, when you enter your data, you will see a choice on the drop-down menu titled “Administrative Assessment.” Please be very careful throughout all your data entry to make sure this is NOT selected and that you instead are using “2019-2020 Academic Assessment.” SACSCOC requires us to document institution-wide assessment and the “administrative” tab is ONLY for non-academic units such as Finance & Administration, Athletics, etc. As always, make sure you are in the 2019-2020 year.
- The Office of Institutional Effectiveness and Quality Improvement is in the process of copying the 2018-2019 academic assessment templates to 2019-2020. This process will be completed by August 21st. Academic assessment coordinators will be contacted when their Tk20 templates are ready. (Starting with the 2020-2021 assessment reports, departments will be responsible for copying assessment information from one academic year to the next).
- For questions or assistance with assessment reports/plans, assessment coordinators in DCOBE, CEHD, and WCHHS should contact Sandra Baker (sbaker10@radford.edu). Assessment coordinators in ASCAT, CHBS, CVPA should contact Mel Fox (mfox5@radford.edu).
- A guide for using Tk20 is available upon request.

Upcoming Events

<table>
<thead>
<tr>
<th>Event</th>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Sponsors</th>
</tr>
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<tbody>
<tr>
<td>September 2020</td>
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<tr>
<td>Citizen Leader: Open Faculty Sessions</td>
<td>Panelists</td>
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<td>Zoom Join from PC, Mac, Linux, iOS or Android: <a href="https://radford.zoom.us/j/98864752641">https://radford.zoom.us/j/98864752641</a></td>
<td>Fridays-Weekly Starting Aug. 28, 2020</td>
<td>11:00am-1:00pm</td>
<td>Citizen Leader; Dr. Jean Mistele Additional one-on-one scheduled appointments welcomed</td>
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<tr>
<td>Event Title</td>
<td>Speaker/Details</td>
<td>Video/Link</td>
<td>Date</td>
<td>Time</td>
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<td>Sept. 9, 2020</td>
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<td>Grant Writing Workshop Session 1: So, you want to write a grant? (Grants 101)</td>
<td>Register: <a href="https://hanoverresearch.zoom.us/meeting/register/tUqdOmqrjkiG9XKnBKn03mvAuLFZ-L-IMA">https://hanoverresearch.zoom.us/meeting/register/tUqdOmqrjkiG9XKnBKn03mvAuLFZ-L-IMA</a></td>
<td>After registering, participants will receive a confirmation email with information about joining the sessions.</td>
<td>Sept. 15, 2020</td>
<td>11:00am-12:00pm</td>
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<td>Grant Writing Workshop Session 2: The art of prospecting and alignment</td>
<td>Register: <a href="https://hanoverresearch.zoom.us/meeting/register/tUqdOmqrjkiG9XKnBKn03mvAuLFZ-L-IMA">https://hanoverresearch.zoom.us/meeting/register/tUqdOmqrjkiG9XKnBKn03mvAuLFZ-L-IMA</a></td>
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<td>Sept. 15, 2020</td>
<td>1:00-2:00pm</td>
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<tr>
<td>Grant Writing Workshop Session 3: Navigating the resubmission process</td>
<td>Register: <a href="https://hanoverresearch.zoom.us/meeting/register/tUqdOmqrjkiG9XKnBKn03mvAuLFZ-L-IMA">https://hanoverresearch.zoom.us/meeting/register/tUqdOmqrjkiG9XKnBKn03mvAuLFZ-L-IMA</a></td>
<td>After registering, participants will receive a confirmation email with information about joining the sessions.</td>
<td>Sept. 16, 2020</td>
<td>11:00am-12:00pm</td>
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<td>Grant Writing Workshop Session 4:</td>
<td>Register: <a href="https://hanoverresearch.zoom.us/meeting/register/tUqdOmqrjkiG9XKnBKn03mvAuLFZ-L-IMA">https://hanoverresearch.zoom.us/meeting/register/tUqdOmqrjkiG9XKnBKn03mvAuLFZ-L-IMA</a></td>
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Looking beyond NIH

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<tr>
<th>Grant Writing Workshop</th>
<th>Sept. 16, 2020 (See GRANSMANSHIP TRAINING AGENDA on Page 6 &amp; 7)</th>
<th>2:30pm</th>
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<tr>
<td>Session 5: Bonus Session – Panel Discussion with Professional Grants consultants</td>
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<td>Office of Sponsored Programs and Grants Management</td>
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<td>Register: <a href="https://hanoverresearch.zoom.us/meeting/register/tUqdOmgqjkiG9XKnBKn30mvAuLFZ-L-IMA">https://hanoverresearch.zoom.us/meeting/register/tUqdOmgqjkiG9XKnBKn30mvAuLFZ-L-IMA</a></td>
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**COVID-19 Expert Panel Series:**

**Panel 3 Politics and Messages**

| Dr. Tanya Corbin, Associate Professor and Chair, Security and Emergency Services Worldwide Embry-Riddle Aeronautical University | Zoom [https://radford.zoom.us/j/95061333745](https://radford.zoom.us/j/95061333745) | Sept. 23, 2020 | 4:00-5:30pm |
| Dr. Paige Tan, Professor, Department of Political Science | Password: 666534 | | Health and Human Performance Dept. |
| Dr. Dai Zehui, Assistant Professor, School of Communication, Radford University | | | Sociology Dept. |
| Moderator: Dr. Iuliia Hoban, Visiting Assistant Professor, Department of Political Science, Radford University | | | Political Science Dept. |
| | | | Nursing Dept. |
| | | | Citizen Leader |
DAY 1: Tuesday, September 15, 2020

11:00am | Session 1: So, you want to write a grant? (60 min)
This first session will kick off our two-day webinar series with an introduction to Hanover Research and then move into a Grants 101 perspective on grant-writing. We will focus on grant writing basics—an overview of how grant-making works, what types of entities award funding and the differences between them, and for what types of projects. Then we will discuss effective (and important!) proposal development practices, including grant development timelines, program officer outreach, and other strategies to be competitive.

1:00pm | Session 2: The art of prospecting and alignment (60 min)
This session will focus on the art of prospecting opportunities that are aligned with faculty interest areas and project concepts. It will include an overview of relevant funding entities and their grant-making programs, in addition to a discussion of the different resources available to find opportunities. Prospecting highlights will cover including examples from funders of interest such as the National Institutes of Health (NIH), National Science Foundation (NSF), Health Resources and Services Administration (HRSA), and the Substance Abuse and Mental Health Services Administration (SAMSHA).

DAY 2: Wednesday, September 16, 2020

11:00am | Session 3: Navigating the resubmission process (60 min)
For those who missed Day 1, we will kick off Day 2 with a brief introduction to Hanover Research and then turn our attention to the proposal resubmission process. Your proposal was not successful and it is time to decide your next steps: Should you revise and resubmit or change direction altogether? In this session, we will take a look at an array of reviewer comments and explore the decision-making process of whether or not to resubmit, and how to approach resubmission for different funding agencies.

1:00pm | Session 4: Looking beyond the NIH (60 min)
Interested in pursuing health sciences research? Human subjects research? Understanding research funding trends at the federal level are key ingredients to finding success. This session will identify an array of mechanism types and programs across biomedical research federal funders. Therefore, knowing which funders support clinical research will deeply enhance a prospective applicant’s purview as we look beyond the NIH to the National Science Foundation (NSF), Patient-Centered Outcomes Research Institute (PCORI), Department of Defense (DoD), Agency for Healthcare Research and Quality (AHRQ), HRSA, and SAMSHA. We will round out this session with an overview of presenting strong proposal elements, such as strong aims and significance.

2:30pm | Bonus Session: Panel Discussion with Professional Grants Consultants (60 min)
This session will consist of a Q&A with a team of Hanover Grants Consultants who have a wide range of expertise. Send questions in advance to angeow@hanoverresearch.com or come with your questions!
Grants Consultant Bios

Melissa Cornish (All sessions): Melissa provides Hanover and its higher education clients with grant reviews, writing support, and project design services. Her experiences in grant writing and proposal refinement span proposals to the National Institutes of Health, National Science Foundation, U.S. Department of Defense, Patient-Centered Outcomes Research Institute (PCORI) and a number of private foundations dedicated to funding clinical and translational science and health services research. Prior to joining Hanover, Melissa served as project leader/manager at a large academic medical center and other research-intensive institution where she identified and managed research collaborations and provided extensive business development support in the form of grant writing and proposal/ budget development, strategic planning, program development, and communications and marketing.

Bryan DeBusk (Panelist): Bryan joined Hanover Research as a Grants Consultant in October 2009 following careers as a biology professor and freelance grant consultant. He is currently the Senior Grants Consultant responsible for Hanover’s NSF team, and he supports Hanover’s NIH team through client consultation, project work, and internal professional development. To date, he has helped clients obtain more than $305 million in funding from NIH, NSF, DoD, PCORI, HRSA, CDC, the Department of Education, other federal agencies, and numerous private funders.

Sarah Ott (Panelist): Sarah provides grant review, writing and project design services for clients including major post-secondary institutions and academic research institutions. Sarah predominantly works on health-related proposals supporting a variety of investigators including physicians, nurse researchers, pharmacists, medical faculty, and basic scientists. Her areas of expertise include clinical and translational science, patient-centered outcomes research and program development and evaluation. Prior to coming to Hanover, Sarah accumulated a decade of grant writing experience at two large academic health sciences centers. While at Hanover, Sarah has added successful state and foundation proposals to her federal experience with agencies such as DOD, NIH, HRSA, CDC, AHRQ, and ED.

Susan Perri (Panelist): Susan works with NGOs, health care systems, university systems, and K-12 school districts of all sizes nationally. In her capacity as a Grants Consultant, she develops state and federal grant proposals, including data analyses, needs assessments, program evaluation, and sustainability planning. Susan has more than a decade of experience developing grant programs for organizations nationwide. Her grants have secured more than $40 million in new funding for positive youth development, workforce development, nursing and science education, faculty development, laboratory and health facility renovations, student retention, health literacy, patient support, health information technology, chronic disease management, behavioral health and rural health projects. Susan has also served as a federal peer reviewer for ED and HHS.

Tom Kuhn (Panelist): Tom focuses on assisting partners with the full range of consulting and training on grant strategy, project and research design, and proposal development. He has substantial experience in project management and evidence-based program design for the development of complex projects in STEM research and education, health sciences and technologies, and Small Business Innovation Research. He works with executive, clinical, and technology teams to develop and fund innovative health IT, data analytics, and clinical optimization projects. He is also actively assisting faculty researchers, universities, and private businesses working to transfer and commercialize innovative technologies. Tom has secured over $200 million in funding and has served as a reviewer for several federal agencies and competitions.