FROM THE DEAN'S DESK - March 1, 2019

THE RADFORD UNIVERSITY ARTIS COLLEGE OF SCIENCE AND TECHNOLOGY NEWSLETTER



PATAGONIA FIELD RESEARCH TEAM

PAGE 2 – RADFORD UNIVERSITY PROFESSOR OF MATHEMATICS AND STATISTICS RECOGNIZED WITH OUTSTANDING FACULTY AWARD

PAGE 4 - SECOND ANNUAL RADFORD UNIVERSITY SCIENCE AND TECHNOLOGY FESTIVAL TO TAKE PLACE APRIL 6TH

PAGE 5 – GEOLOGY GROUP USES WINTERMESTER FOR EXPLORING THE AYSEN REGION IN PATAGONIA, CHILE

PAGE 6 - RADFORD UNIVERSITY PARTNERS WITH 1901 GROUP TO ENHANCE TECH TALENT PIPELINE

PAGE 7 – STUDENT AND FACULTY ATTEND FOREST HEALTH CONFERENCE

PAGE 8 - RADFORD UNIVERSITY RECOGNIZES COMPUTER SCIENCE STUDENT FOR OUTSTANDING SERVICE

PAGE 9 - INFORMATION TECHNOLOGY CO-OP EXPERIENCE ACCELERATES CAREER READINESS

PAGE 10 - STUDENTS ATTEND STATE WILDLIFE MEETING

PAGE 11 - PHAGE HUNTERS ISOLATE NEW VIRUSES

PAGE 12 - ARCTIC GEOPHYSICS STUDENTS PHOTO FEATURED IN NATIONAL PUBLICATION

PAGE 13 - REALISE PROGRAM TO CONDUCT SCIART SHOWCASE

PAGE 14 - RADFORD UNIVERSITY PLANETARIUM EXPLORES EXOPLANETS, TIME, AND SPACE

PAGE 15 - RADFORD UNIVERSITY TO HOST BLUE RIDGE HIGHLANDS REGIONAL SCIENCE FAIR

RADFORD UNIVERSITY PROFESSOR OF MATHEMATICS AND STATISTICS RECOGNIZED WITH OUTSTANDING FACULTY AWARD

Radford University Mathematics and Statistics Professor Agida Manizade is a recipient of the 2019 State Council of Higher Education for Virginia (SCHEV) Outstanding Faculty Awards. The Outstanding Faculty Awards are the Commonwealth's highest honor for faculty at Virginia's public and private colleges and universities. The awards, announced February 18th, recognize superior accomplishments in teaching, research and public service.

Nominees for this prestigious award were selected by their respective institutions, reviewed by a panel of peers and chosen by a committee of leaders from the public and private sectors. In all, 86 educators were nominated for the 2019 awards. The group was narrowed to a field of 27 finalists before the final 13 recipients were chosen.

"Dr. Manizade is a truly outstanding faculty member who has dedicated her career to effective and inspirational teaching, as well as leadership, scholarship and service. She is truly deserving of this award," Radford University President Brian O. Hemphill, Ph.D. said. "Through her efforts, countless students and teachers have left her classroom with a greater understanding of the discipline of mathematics. Her scholarship, and that of her former, current and future students, exemplifies her excellent work and significant impact."

At Radford University, Dr. Manizade is a leader in teaching excellence and research. She teaches courses at the undergraduate level and in the university's Graduate Certificate Program in Mathematics, which offers an opportunity for in-



Dr. Agida Manizade

service mathematics teachers in Virginia to earn a graduate certificate online. Dr. Manizade has also demonstrated an extraordinary record of accomplishment in the scholarship of discovery through current research in mathematics and mathematics education that is based on her work with students in the online Graduate Certificate Program.

As a founding director and current co-director of the Secondary Mathematics Professional Development Center, funded by the Virginia Department of Education, Dr. Manizade has collaborated with NASA scientists and university faculty to develop the Radford University NASA Institute, a two-week summer program for mathematics teachers to gain hands-on experiences in simulation-based aerospace engineering. Program participants learn onsite at the NASA Langley Research Center in Hampton, Virginia and receive training to effectively facilitate their students, as well as their colleagues' knowledge in STEM, with focus on real-world applications of simulation-based mathematics.

"Dr. Manizade is an extraordinarily successful and productive faculty member in the Artis College of Science and Technology at Radford University, and her contributions extend well beyond Radford University and the Commonwealth of Virginia," said Artis College of Science and Technology Dean Orion J. Rogers. "She exemplifies faculty commitment to excellence in teaching, discovery, knowledge integration and service, as well as the mission of Radford University."

In the past five years, Dr. Manizade has received three distinctive honors from Radford University. She was selected for the Artis Outstanding Faculty Award Scholarship in 2013 and the Radford University Million Dollar Circle award in 2014. That honor recognizes faculty members who receive a cumulative total of \$1 million or more in external grants. Dr. Manizade has been awarded more than \$2.2 million in external funding since 2010. Also, in 2017, Dr. Manizade received the Distinguished Creative Scholar Award, an honor that recognizes noteworthy original contributions to the body of knowledge in academe and rewards contributions that have a significant impact on effective classroom teaching. Dr. Manizade published 27 articles and conducted more than 70 conference presentations based on her research in mathematics teaching and mathematics teacher education, work primarily conducted within Radford University's graduate programs in Mathematics Education.

"Dr. Manizade is truly a superb teacher. She has long been one of the best teachers in our department, and we are extremely fortunate to have her as a role model of what excellent teaching entails," said Neil Sigmon, professor and chair of the Department of Mathematics and Statistics. "Her dedication to improving the welfare of her university, her students, teachers, her profession, the Commonwealth of Virginia and our country is truly outstanding and admirable."

During the 2017-18 academic year, Dr. Manizade served as a research and grants adviser, helping novice faculty who aspired to enhance their research programs and assisted them with external grant proposal applications. Based on the 2018 annual report of the university's Office of Sponsored Programs and Grants Management, the proposal submissions by first-time grant writers increased by 117 percent.

Outside the university, Dr. Manizade serves as editor-in-chief for the Virginia Mathematics Teacher Journal. Under her guidance, the journal received the 2018 Publication Award for Outstanding Journal by the National Council of Teachers of Mathematics. It was the first time the Virginia-based journal won the national award.

Dr. Manizade also serves the community as the founding and current president of Radford Child Development, Inc. Under her leadership and through community engagement and collaboration, this organization achieved its goal of establishing a high-quality, educational childcare center in Radford, which celebrated its grand opening in 2016. Internships are available at the Radford Early Learning Center to Radford University undergraduate students from various programs.

Since joining Radford University in 2009, Dr. Manizade has demonstrated a remarkable record in teaching scholarship. She has developed five new courses and continues to encourage students to actively participate in scholarship and pedagogical inquiry. Each year, Radford University students successfully present their work with Dr. Manizade at professional conferences, a testament to her dedication to student success. In the last three years, 17 undergraduate and graduate students have presented their collaborative research at state and regional conferences in Virginia. In addition, five graduate students published their collaborative papers in peer-reviewed journals.

"I have come to know Dr. Manizade in the past 10 years, while preparing for the occupation of math specialist. Not only was she an endless source of content and pedagogical knowledge, but she also played the role of a motivator, cheerleader and mentor," said Jamey Lovin, one of Dr. Manizade's former students and a past president of the Virginia Council of Teachers of Mathematics. "She is deeply committed to making learning with understanding a priority, not only in her classroom but also in the classrooms of other teachers she supports."

Dr. Manizade earned her Ph.D. at the University of Virginia and a master's degree in mathematics education at The College of William and Mary. She earned bachelor's and master's degrees in mathematics at Baku State University in Azerbaijan.

Dr. Manizade is the 11th Radford University faculty member to be a recipient of the SCHEV Outstanding Faculty Awards. Previous Radford winners are: Jennifer Jones Powell (Teacher Education), 2015; Cliff Boyd (Anthropology), 2008; Donna Boyd (Anthropology), 2006; Mark Camphouse (Music), 2002; Robert Whisonant (Geology), 2000; Chester "Skip" Watts (Geology), 1998; Franklin Jones (Physical Science), 1996; Leonor Ulloa (Foreign Languages and Literatures), 1993; and Grace Toney Edwards (English) and Steven Pontius (Geography), 1990.

Story by Chad Osborne

SECOND ANNUAL RADFORD UNIVERSITY SCIENCE AND TECHNOLOGY FESTIVAL TO TAKE PLACE APRIL 6^{TH}

Robots, Slime, Roaches, Stars, Fossils, and much more will be on display in the Center for the Sciences on April 6th from 11am – 4pm during the second annual Radford University Science and Technology Festival. More than 400 participants attended the inaugural festival in 2018.

Additional details to be announced later in March.

To sign up to for a space to exhibit during the festival, please email rucsat@radford.edu



Participants in the 2017 Radford University Science and Technology Festival

GEOLOGY GROUP USES WINTERMESTER FOR EXPLORING THE AYSEN REGION IN PATAGONIA, CHILE

A group of explorers departed from the United States on December 27th and returned on January 11th. Led by Radford University faculty members Dr. Ryan Sincavage and Dr. Beth McClellan, six RU undergraduates: Loukas Rimanelli, Nash Stevens, Emily Whately (geology) Emily DeCamp (psychololgy), Aubree Marshall (biology/anthropology), Jack Kulaga (undeclared but has since joined geology), one

undergrad from Virginia Tech (Jordyn Del Rosario, geology), one undergrad from University of Colorado Denver (Jonathan Miller, geography), and one masters student from CU-Denver (Robert Nass, geography) traveled to Chile to explore the Aysen region.

The main learning objectives were to immerse the students in the culture and landscapes of the Aysen region of Patagonia, Chile.

With the assistance of a local guiding service, the team embarked on a 10-day backpacking excursion through a remote region east of the northern Patagonian ice field (the Aysen Glacier Trail- approximately 70 km long), exploring the outlet valley streams and glaciers and associated sediments.



Patagonia Field Research Team preparing to cross Lago Plomo



Crossing the Nef Glacier

Students were required to research a topic of relevance to the region to present to the group in the field- topics included glacier dynamics, local people's perceptions of environmental change, how the human immune system responds to changing environments, conditioning in farm animals, Chilean folklore and legends, and use of UAS to study environmental change. We crossed numerous lakes and streams, as well as the Nef Glacier, and students spent some time on local ranches learning about gaucho culture and the ranching lifestyle.

RADFORD UNIVERSITY PARTNERS WITH 1901 GROUP TO ENHANCE TECH TALENT PIPELINE

A recent industry partnership with 1901 Group, a thriving cybersecurity and cloud technologies company, has enabled students in Radford University's Department of Information Technology (IT) to gain valuable experience and skillsets in one of the Commonwealth's fastest-growing and in-demand job markets.

Last fall, Radford University announced the partnership with the Reston-based cloud computing company that also operates a center in neighboring Blacksburg, Virginia. The company is expanding at both locations, which is projected to create 805 new jobs, including 580 in Montgomery County.

Through the partnership, 1901 Group has joined the University's Applied Research Center (ARC), an industry consortium in the Artis College of Science and Technology that brings together students, faculty and regional industry partners to explore emerging enterprise technologies. The ARC provides real-world learning experiences and encourages students to interact with industry professionals, thus enhancing the University's tech talent pipeline.

"Attracting, developing and retaining premium talent is crucial for our industry, and we are excited to join Radford University to support this mission," said Sonu Singh, 1901 Group CEO. "Our long-standing relationship with Radford University provides students with a meaningful work experience and educational opportunities through mock interviews, internships, real-world projects and permanent positions. Hands-on industry experience with cloud technologies increases job opportunities as it reduces the time, expense and risk of hiring new graduates."



Dr. Jeff Pittges in the ARTIS Lab in Davis Hall.

The ARC was inspired by the vision of Nancy E. Artis '73 and her husband, Pat, who recognized the need for Radford University students to gain experiential education with working world organizations. Other members include Carilion, Excella and Salesforce.

Last fall, alumnus Ben Pruitt '15, a 1901 Group software developer, tasked students in a web programming course with skill-based projects in ServiceNow, a technical management support company utilized by both Radford University and 1901 Group.

"The course objectives aligned with 1901 Group objectives," explained Dr. Jeff Pittges, ARC Director. "We added value to 1901 Group by solving a problem for them, and at the same time, our students learned something about ServiceNow, which is an incredible skill to have. So, whether our students go work for 1901 Group or somebody else, they developed a skill that a lot undergraduates don't get."

Ben visited campus several times throughout the semester to engage with students in a class he, too, once participated in as a Radford University IT major.

"He worked with them very closely, and by end of semester, the students knew Ben and he knew the students," Dr. Pittges said. "That's the way we want this partnership to work, and the fact that we were able to find an alumnus who wanted to give back was so valuable. He went above and beyond what he was expected to do."

At the end of the project, every student who participated was guaranteed an interview for an internship or a full-time position with 1901 Group.

"1901 Group is an outstanding partner," Dr. Pittges said. "They are giving our students valuable experiences they cannot obtain in the classroom."

Last fall's projects were so successful that Dr. Pittges and Ben are collaborating on additional class projects this spring. The dynamic partnership builds upon Radford University's mission of producing students with the tools to address the social, economic and environmental issues confronting our region, nation and world.

STUDENT AND FACULTY ATTEND FOREST HEALTH CONFERENCE

Biology research student Adam Allen attended the 27th Annual Virginia Association of Forest Health Professionals (VAFHP) Conference with Dr. Christine Small. This year's conference, held at Virginia Tech in Blacksburg, VA, focused on emerging issues in forest health. State and federal forest researchers presented ongoing research on threats to Virginia forests such as the Emerald Ash Borer, a Chinese beetle first reported in Montgomery County, VA, in 2016. Spreading rapidly through our forests, the Ash Borer has caused nearly 100% mortality in all ash tree species. Conference presentations focused on replacement of ash by native forests trees, possible resistant ash genotypes, and chemical and structural management efforts. Other presentations focused on the development of early warning systems for

forest pests, the value of fire in forest ecosystems, and biological control of invasive species.

Adam Allen is part of a Radford University research team currently conducting research on the emerald ash borer. With biology research students Stephen Ruppert and Brian Ditch, and faculty mentor Christine Small, the team is working to document ash trees in our region, assess the spread of this destructive beetle, investigate conditions that may reduce its impact, and search for genetically-resistant trees. The VAFHP conference provided an outstanding opportunity to learn about current research and to talk with forest health professionals.



Radford University students are helping document ash trees in Southwest Virginia.

Student conference attendance was supported by the RU Office of Undergraduate Research and Scholarship (OURS), and faculty attendance was supported by the RU Biology Department.

Story by Karen Powers

RADFORD UNIVERSITY RECOGNIZES COMPUTER SCIENCE STUDENT FOR OUTSTANDING SERVICE

Paul Aboagye's service-oriented attitude developed at an early age.

"Growing up, my parents told me it is more important to give back than to receive," Paul explained.

Years later, his desire to serve blossomed at Radford University when he answered the call to volunteer during the <u>2019 Martin Luther King Jr. Day of Service</u>, an annual campus-wide event that honors the late minister and influential activist through volunteerism.



Paul Aboagye (center), a senior computer science major from Alexandria, Virginia, was the inaugural winner of the first-ever Martin Luther King Jr. Day of Service Award.

"I knew this would be an opportunity to help our society and to help our community," said Paul, a senior computer science major from Alexandria. "Giving back, it makes me happy."

On Jan. 21, Paul joined more than 350 Radford University students, faculty and staff during the MLK Jr. Day of Service to volunteer across the New River and Roanoke valleys. Aboagye and his group volunteered at the Montgomery County Emergency Assistance Program Thrift Store.

That night, he attended the MLK Commemorative Program at which he learned he was the winner of the inaugural MLK Day of Service Award that honors a student for their dedication to the community, the classroom and others.

"I was very surprised," stated Paul. "It felt good to win the

first award. It was a great experience."

Center for Diversity and Inclusion Director La Shan Lovelace said Paul was very deserving of the award, one that also recognizes a student's upstanding academic and conduct standing. "Paul is just a very kind and giving person of sound character," Mr. Lovelace said. "He participates in several organizations and uses volunteer work as a platform to mentor others and make impactful change in the community. When you talk about the phrase, 'holistic development,' he fits that mold."

Paul is a member of Alpha Phi Alpha Fraternity, Inc. and Upsilon Pi Epsilon, a national computer science honor society.

In addition to his involvement in extracurricular activities Paul is very invested in his academics. He has an excellent GPA and aspirations to attend graduate school to pursue a master's degree in computer network security analysis upon graduating from Radford University this fall 2019. He hopes to one day work for a private company or the government, he said.

Paul said he has had an amazing experience at Radford University. He credits several professors in Radford University's Department of Information Technology, friends and mentors for pushing him to be a better student, person and volunteer.

"I have met so many great people here," Paul said. "They have guided me through my academics and helped me manage my time. I have socialized and met so many new and wonderful people."

Story by Mary Hardbarger

INFORMATION TECHNOLOGY CO-OP EXPERIENCE ACCELERATES CAREER READINESS

Radford University Senior Cody French knew he was ready to dedicate time and energy to hone his information technology skills and to further explore his field. His dilemma was in finding a path that would provide him the opportunity in a working world setting. With faculty support, Cody chose to purse a Co-Operative (co-op) experience with Solers, an innovative Information Technology solutions provider.

A co-op is longer and more intense than an internship where students are immersed in real problems they will face post-graduation in a corporate setting. The expanded time frame and rigorous programming enables participants to acquire more skills and a much more holistic view of the working world. Students



Cody French

take a break from classes during a co-op which allows them to focus on the work environment. Cody felt his Radford experience had prepared him for the challenge well. "I was able to build on what I already learned in classes," Cody stated. "I feel I was able to adjust more to how a company works when it comes to software development."

During the co-op program, Cody was assigned both a corporate mentor and a faculty advisor to guide him, ensuring that it is a learning experience in addition to a working program. With their support, he adjusted to the company's culture and the system he would be working with and was empowered to choose the tasks he wanted to complete. "My responsibilities were to report my progress on tasks, any sort of roadblocks I might have had when completing my tasks, and to help find solutions to complete our sprints or team goals," Cody said.

Solers is a team-oriented company that values their employees and shows dedication to individuals who share their team spirit. Solers has a reputation of creating a positive environment for people with frequent informal communications, peer reviews and a company/employee relationship that is never one-sided.

Group-oriented work is essential to success in the corporate sector. Cody was able to draw on his classroom experiences for support in this area. "My classes at Radford prepared me well to work in team environments and gave me a lot of technical skills to make effective decisions when choosing tasks and how to best approach them," he said.

The experience has also helped Cody sharpen his academic approach as his ability to work in team settings has grown during his co-op and he is utilizing those skills in his classes. "I look forward to having some critical, thorough discussions with my professors on how to approach problems or ideas that I may have to solve," explained Cody.

STUDENTS ATTEND STATE WILDLIFE MEETING

Fourteen students and one faculty member attended the state meeting of The Wildlife Society in Waynesboro, VA. This multi-day meeting featured student and professional presentations about research and management activities in the Commonwealth and beyond.



Radford University was represented well by 3 presentations and 1 poster at the meeting:

Radford University students and faculty at the state meeting of the Wildlife Society

- Junior Jasemine Brown presented her poster: "Deer Spotlighting Surveys at the Radford Army Ammunition Plant: Impacts on Harvest Data"
- Senior Karissa Ellis presented her research: "Comparing Survey Methods to Maximize Allegheny Woodrat Occupancy Detection in Virginia, 2017-2018"
- Junior Lauren Burroughs and recent graduate Breann Mullen presented their research: "Bird-Window Collisions at Radford University: Effects of Vegetation, Window Area, and Landscape Features"
- Faculty member Karen Powers presented her research: "Gray Bat Summer Activity in the Clinch River Watershed, Virginia"

All attending students took the opportunity to meet potential employers and learn about wildlife activities around the Commonwealth.

Students who presented their research were supported by the Office of Undergraduate Research and Scholarship (OURS). Students and faculty attending were supported by the Biology Department and the Office of Student Activities/Student Life.

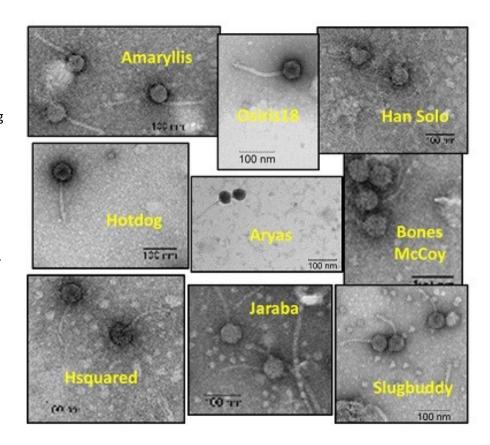
Story by Karen Powers

PHAGE HUNTERS ISOLATE NEW VIRUSES

During the fall semester, students in BIOL450: Molecular Biology, co-taught by Drs. Hammond and Anderson, worked to isolate new viruses that infect the host bacterium Microbacterium foliorum. This class took part in the Howard Hughes Medical Institute's Science Education Alliance-Phage Hunters Advancing Genomic and Evolutionary Science (SEA-PHAGES) project to isolate and characterize viruses that infect members of the Phylum Actinobacteria.

Pairs of students collected soil samples from the Radford area, then proceeded through a number of steps to isolate their own virus, known as a phage (short for bacteriophage, meaning "bacteria eaters"). Fifteen of 22 pairs (68%) managed to purify an isolate, and most of those were imaged by transmission electron microscopy (see figure).

Students then presented their phage to the class and lobbied for their isolate to have its genome sequenced over winter break.
Class votes were tabulated, and the phages named Hansolo and BonesMcCoy were selected and sent to the University of Pittsburgh for sequencing.
Students taking BIOL419:
Bioinformatics in the spring



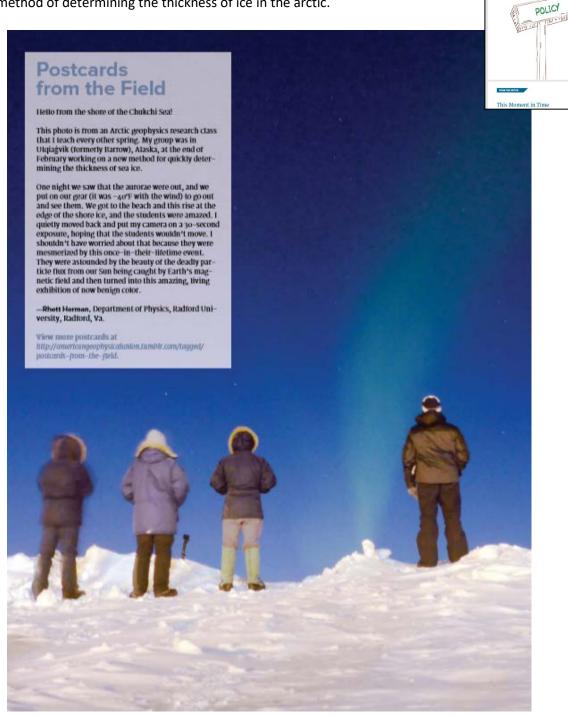
semester will annotate the genomes of those phages, meaning they will identify all the genes in the genomes and attribute gene functions where possible.

A secondary goal of the SEA-PHAGES project is to increase persistence of first-year students in biology. During the fall 2019 semester, the virus-hunting course will be offered to incoming students.

Story by Karen Powers

ARCTIC GEOPHYSICS STUDENTS PHOTO FEATURED IN NATIONAL PUBLICATION

Students participating in the 2018 edition of the polar ice research in Barrow Alaska graced the "Postcards from the field" section of EOS: the monthly magazine of the American Geophysics Union in December. Dr. Rhett Herman, Professor of Physics, leads a group of students and faculty to this remote location on the planet to develop a new method of determining the thickness of ice in the arctic.



EOS

CLIMATE CHANGE

SCIENCE

Million Inco.

IN CONGRESS...

REALISE PROGRAM TO CONDUCT SCIART SHOWCASE

The SciArt Showcase is a REALISE event which will challenge students to communicate science through art.

To participate in this event, the REALISE team is asking students to create original art exposing or explaining a scientific concept of their choice to a general audience, and to write a short statement reflecting on their scientific inspiration and process.



Participation is open to all students, as individuals or groups, and we welcome submissions from all artistic disciplines, including graphic design, sculpture, painting, photography, textile arts, dance, music... anything our students can think of!

Artwork will be publicly displayed at a showcase to take place during the Student Engagement Forum, April 23-24 and submissions to the showcase will be accepted until April 8th.

To submit work, students must fill out an online form, found here: https://tinyurl.com/realise-sciart.

Why SciArt?

- Science communication is more important than ever before
- Curiosity expressed in an artistic way leads to new insights
- Share your passion in a way everyone can appreciate!

RADFORD UNIVERSITY PLANETARIUM EXPLORES EXOPLANETS, TIME, AND SPACE

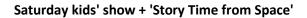
Shows at the Radford University Planetarium in March feature planets beyond our Solar System and a visit to the International Space Station.

"Exoplanets" is featured on

March 4th and 6th from 4pm -5pm and on

March 5th and 7th from 7pm - 8pm

Come join us as we first learn the planets in our solar system, and then about planets beyond our solar system and techniques astronomers use to find them. This show was produced by the Casper Planetarium and is a winner of the Associazione dei Planetari Italiani Planetarium Video Competition.



Saturday Mar 2 from 10:30 a.m. - 11:30 a.m.

Start with a tour of the nighttime sky, seeing the stars, constellations, and planets that are visible in the sky now. Then sit back and enjoy "Story Time From Space" as astronauts on the International Space Station read stories to you! They will also tell you a bit about their lives and their work on this amazing orbiting science platform. "Story Time from Space" is a project of the Global Space Education Foundation, a 501(c)(3) nonprofit education foundation. An annual tradition at the Radford University Planetarium is the show from Loch Ness Productions, " 'Tis the Season" which describes the legends associated with the stars that appear during the Christmas season, including the Star of Bethlehem, Saint Nick and his various forms, holiday lights and candles.

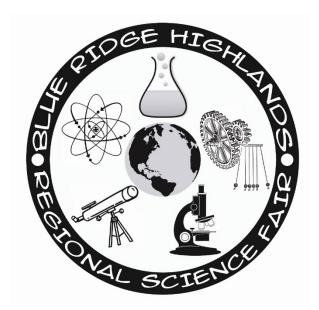
Presents and festivals are also explored in this festive show. A sky tour prior to the show discusses the more prominent stars and constellations of the season, and why the sky played such a prominent role in their lives.

Shows in the Planetarium are free, but seating is limited. It is recommended to arrive at least 30-45 minutes prior to show times to help ensure entrance. Groups are strongly encouraged to contact the Planetarium Director Dr. Rhett Herman, rherman@radford.edu. Special shows may be arranged for groups of at least 20 based on availability.

Please enter the Center for the Sciences on the Main Street Level Parking Lot C to visit the Planetarium Hearing-assist receivers are available for our sound system--please bring your own earphones (1/16 inch [3.5mm] stereo jack). No food/drinks allowed in the planetarium. For more information please visit www.radford.edu/planetarium

RADFORD UNIVERSITY TO HOST BLUE RIDGE HIGHLANDS REGIONAL SCIENCE FAIR MARCH 7 & 8

The Department of Chemistry and College of Science and Technology will host the 28th annual Blue Ridge Highlands Regional Science Fair March 7th and 8th in Peters Hall on the Radford University campus.



This will be the ninth consecutive year that the regional fair had been held at Radford University.

Chemistry Department Chair Dr. Christine Hermann and Associate Professor of Chemistry Dr. Kimberly Lane serve co-directors for this year's event, which is open to students from 16 counties and three cities across the region. Chemistry Instructor Mr. Chris Bibeau serves as Scientific Review Committee chair for all projects. The goal of the fair is to stimulate an active interest in science and engineering in young students, provide an unparalleled experience in research and presentations, and expose the public to the hard work the students are doing.

Learn more by visiting http://sciencefair.asp.radford.edu/ or email sciencefair@radford.edu.

2018 BLUE RIDGE HIGHLANDS REGIONAL SCIENCE FAIR GRAND AWARD WINNERS



BRANDON FAN

Using Deep Learning to Return Critical Documents for Clinical Decision Support Systems

BLACKSBURG HIGH SCHOOL SPONSOR: KATHARINE DAVIS

RAAGA UNMESHA VULLIKANTI
Peptide Nucleic Acids as Potential Designer
Antimicrobials

BLACKSBURG HIGH SCHOOL SPONSOR: KATHARINE DAVIS