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Wednesday, January 26, 2022

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## **Blacksburg Rotary Club names Dr. Sharon Scott its 2021 Citizen of the Year**

The Rotary Club of Blacksburg awarded its 2021 Citizen of the Year Award to Dr. Sharon Scott at the club's lunch meeting on Jan. 20 at the Blacksburg Country

Dr. Scott retired in December as the executive director of the Montgomery County Chamber of Commerce in December.

In her nine-year tenure, she served the business community with professionalism and integrity while establishing the model for business ethics. In her role with the chamber, she was instrumental in shaping many important developments. She helped with the sale and revitalization of the Market Place property in Christiansburg and the negotiations of the old Blacksburg Middle School property.

She was an advocate for bringing increased broadband to the area and worked with minority-owned businesses to secure available resources and services and to network with the business community. She conceived the idea of having a hotel

and restaurant program at New River Community College and initiated the Leadership NRV program, a year-long leadership academy for young professionals.

She improved the chamber's financial situation over the past four years by increasing membership and by controlling expenses through accurate budgeting and strict adherence to the budget. She was the recipient of the 2020-2021 Chamber Executive of the Year Award.

"Sharon is the definition of a selfless servant,"

said Robert Parks, former president of the club's board. "She empowers the people around her, the chamber staff, directors, and committee chairs and ensures they are successful by supporting them with whatever resources she can provide."

The Rotary Club of Blacksburg was chartered in 1979. The motto of the club and Rotary International is "Service Above Self." The club presented its first 32nd recipient.



Citizen of the Year award in Dr. Sharon Scott receives the Rotary Club of 1990. Dr. Scott is the award's Blacksburg's 2021 Citizen of the Year from Club President Ken D'Amato.

#### Local NAACP branch holds MLK celebration

The Montgomery County-Radford City-Floyd County Branch of the NAACP hosted the area's Rev. Dr. Martin Luther King, Jr. Community Celebration on Jan. 16 online. Nearly 100 computers were logged on to the celebration.

The celebration opened with greetings from branch President Deborah Travis and an invocation by the Rev. Kathy Carpenter. Then came the singing of "Lift Every Voice and Sing," led by Alan Johnson and Denise Smith. Greetings were brought from the Virginia State Conference of the NAACP by President Robert N. Barnette, Jr., who emphasized the importance of protecting voting rights and voting options in the state.

The Youth Council honored Dr. King with a summary of his life by Youth Council Vice President Melvin Palmer. Then Youth Council President Tyler Graves delivered the poem "There is a street named after Martin Luther King, Jr. in every city," by Hanif Willis-Abdurragib.

The annual MRF NAACP Branch Community Service Awards in Honor of Dr. Martin Luther King, Jr., went to the Rev. Jessie Eaves of Blacksburg, and to the Rev. Michael Sanborn, of El-

Rev. Eaves is an associate pastor and worship leader of the Greater Mount Zion United Holy Church in Christiansburg and is a retired fiscal technician. She worked at Virginia Tech for 28 years and received the 2015 Staff Career Achievement Award. Having grown up in Wake Forest, she has helped to preserve the history of that African-American community as well as its nearby cemetery. This has led her to volunteer with the Saint Luke's Odd Fellows Hall and the Blacksburg Museum and Cultural Foundation. Rev. Eaves currently serves as Vice President of the Christiansburg Institute Alumni Association, as a board member of the Blacksburg Police Department Citizens Advisory Board and as a member of the Dialogue on Race Law Enforcement Committee. Rev. Eaves has been a member of the local branch of the NAACP for over 20 years. Jessie and her husband Butch are parents

of two daughters, one of whom is deceased. They have four grandchildren.

Rev. Sanborn is a retired United Methodist minister who served several congregations, including Park UMC in Christiansburg. Knowing the importance and power of the vote, Rev. Sanborn has volunteered as an election official for several

See NAACP, page 5



Va. **NAACP** state conference president Robert N. Barnette, Jr.



**NAACP** branch president Deborah

**Branch** Youth Council vice president Melvin Palmer



PHOTOS BY JAMES C. KLAGGE

**Branch Youth Council president** 

**Tyler Graves** 

# Cirque Mechanics performs "Birdhouse Factory."

PHOTO BY DARIN BASILE

## **Cirque Mechanics** delights audiences with colorful characters and daring acrobats in 'Birdhouse Factory'

The Moss Arts Center presents two performances of Cirque popular Mechanics's production, "Birdhouse Factory," on Thursday, Feb. 3, and Friday, Feb. 4, at 7:30 p.m. in the Anne and Ellen Fife Theatre.

A factory might be one of the most unlikely settings for a circus, especially one where the workers are acrobats and the machines are circus props. Cirque Mechanics boldly leads audience members into a world of colorful characters, daring acrobatics, and innovative mechanics with "Birdhouse Factory."

Cirque Mechanics finds its heart in stories

of American ingenuity. In its return to the Moss, Cirque brings its family-favorite house Factory," a simple story of daily life in a "widgets" factory circa 1935. Here, workers are brought together by the most unlikely of events: a bird accidentally injured by the main steam

boiler. The accident and caring for the bird bring the workers closer and inspire them to break away from the efficiency and monotony of the assembly-line mentality to display their true inner talents and abilities. In the process, they use their bodies and

See **Acrobats**, page 4

## Using ice to boil water: Researcher makes heat transfer discovery that expands on 18th-century principle

**Travis** 

Associate Professor Jonathan Boreyko and graduate fellow Mojtaba Edalatpour have made a discovery about the properties of water that could provide an exciting addendum to a pheestablished nomenon over two centuries ago.

The discovery also holds interesting pos-

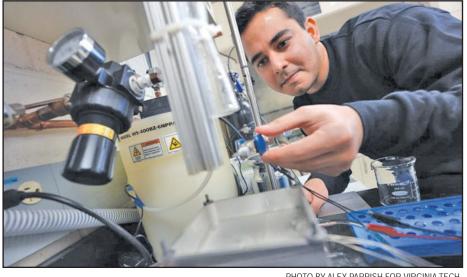
Interfaces Lab.

devices and processes in industrial applications using only the basic properties of water. Their work was published on Jan. 21 in the journal Physical Review Fluids.

Water can exist in three phases: a frozen solid, a liquid, and a

sibilities for cooling gas. When heat is applied to a frozen solid, it becomes a liquid. When applied to the liquid, it becomes vapor. This elementary principle is familiar to anyone who has observed a glass of iced tea on a hot day, or boiled a pot of water to

See **Principle**, page 4



Mojtaba Edalatpour drops ice onto a hot plate in the Nature-Inspired Fluids and

## Virginia farmers set agricultural policy at national convention

ATLANTA—After a virtual event last year, the American Farm Bureau Federation Convention returned in person Jan. 7-12. The convention in Atlanta drew 5,000 farmers and industry advocates from across the U.S., including eight voting delegates representing Virginia farm-

The Virginia Farm Bureau Federation delegates were among 345 farmer representatives who deliberated and approved policies that set American Farm Burau Federation's 2022 legislative agenda. The delegation included VFBF President Wayne F. Pryor; Vice President Scott Sink; Caroline County Farm Bureau President Lynwood Broaddus; Lunenburg County Farm Bureau Vice President William Coffee; Floyd County Farm Bureau President Grey Lineberry; Chesapeake Farm

Bureau President Byron Stonecypher;

Louisa County Farm Bureau President

C.T. Thiemann; and Franklin County Farm Bureau President Tanya Young.

Coffee, a grain farmer in Southside Virginia, has served as a delegate at several AFBF conventions.

"I enjoyed the trade show and workshops, and meeting people from all over the country," he said. "And the policy discussion in the voting session was really interesting.

Delegates voted on proposed policy related to key topics from milk pricing and beef market transparency to urban agriculture. They discussed issues related to labor and broadband expansion and voted to update policy on biofuels, including renewable diesel. Delegates also elected members to serve on the AFBF board of directors and national program committees.

See Policy, page 3

## Upcoming events

#### Saturday, Jan. 29:

Click Smarter photography Q and A

Talk to pro photographer Charlie Whitescarver at the Radford Public Library from 11 a.m. to noon about photography. He can look at your photographs and give you tips on how to improve them. Whitescarver has been taking pictures and teaching the art of photography since the mid-1970s.

Quilting Marathon

At the Meadowbrook Public Library from 8 a.m. until 8 p.m. The Meadowbrook Quilters are hosting a quilting marathon. The public is invited to see these skilled individuals working on quilts. The event is open to everyone at any skill level to come and join in the quilting or to just ask questions.

Bookmark Making

At the Blacksburg Library; 2 p.m. Use basic hand sewing skills to create a colorful elastic bookmark that fits many sizes of books. This is a quick and fun craft for anyone who can sew a few stitches. Best

for ages 8 and up. All supplies are provided, registration is recommended. Call the library at 540-552-8246.

#### Sunday, Jan. 30:

Chess Club

At the Blacksburg Library; 3 p.m. Ages 8 and up are welcome to sharpen their chess skills. Supplies will be provided. All skill levels are welcome.

#### Monday, Jan. 31:

Talking About Books

At the Blacksburg Library; 11 a.m. To be discussed is "The Long Petal of the Sea" by Isabel Allende. Call (540) 552-8246 to reserve a copy.

Teen Game Day

At the Blacksburg Library; 1 p.m. Spend an afternoon playing games like Among Us and Jackbox in person with other teens. Bring a device and download Among Us prior to the program. Pizza and beverages will be provided. Registration is required.

Stuffed Animal Taxidermy

At the Christiansburg Library; 3 p.m. Create a new wall hanging for your room. Transform stuffed animals into unique works of art. The library will supply all the materials. Recommended for ages 10 and up. Contact spahl@mfrl.org for more information. Registration is required.

#### Tuesday, Feb. 1:

Valentine's Day Crafting At the Meadowbrook Li-

At the Meadowbrook Library; 4:30-5:15 p.m. or 5:30 – 6:15 p.m. Make Valentine's Day crafts such as candy wreath Valentines and a Cupid's arrow wall hanging. Recommended for ages 8 and up. This is a free event with all supplies provided. Registration is required. Masks and social distancing are highly recommended for everyone's safety. Register online or call (540) 268-1964.

#### Wednesday, Feb. 2:

Radford Chamber Business over Breakfast

The Radford Chamber of Commerce is hosting Busi-

ness over Breakfast at BT'S on Tyler Avenue at 8 a.m. The speaker is to be determined. Registration is required by clicking the "register here" link on the Chamber's website (www.radfordchamber. com).

#### Thursday, Feb. 3:

American Legion meeting American Legion Harvey-Howe-Carper Post 30 will meet at 7 p.m. at the VFW Post Home on 102 Watts St. in Radford. If Radford City Public Schools are closed on Thursday or Friday of this week due to weather, the meeting is cancelled. For further information, call 250-2283 or 239-9864.

#### Saturday, Feb. 5:

Crafternoon

At the Meadowbrook Library; 2 to 3 p.m. A variety of snow- and Valentine-themed crafts for all ages. Registration is required. Contact Spahl@mfrl.org for more information. Register online or call (540) 268-1964.

#### Tuesday, Feb. 8:

Sons of Confederate Veterans meeting

The Sons of Confederate Veterans, Stuart Horse Artillery Camp 1784 will meet at 7 p.m. at Aly's Family Italian Restaurant at 3204 Riner Road. Members of the United Daughters of the Confederacy (UDC) are invited to this meeting. Member William Reed will continue his series on "Small Arms of the Confederacy." If Montgomery County Public Schools are closed on Tuesday or Wednesday of this week due to weather, the meeting is cancelled. For further information, call 540-320-4315 or 540-239-9864.

#### Thursday, Feb. 10:

River City Quilt Guild

The River City Quilt Guild meets the second Thursday of each month at 9:30 a.m. at Grove United Methodist Church, 1020 Tyler Avenue, Radford. All skill levels of quilters are welcome. For more information, call Anna Handy, 540-320-7791.

## P<sub>ETS</sub> of the week



When Rudy first came to the Animal Care and Adoption Center, he was a little shy, but he has grown into a champion of affection. He loves a good head rub or chin scratch as well as warm cuddles. Rudy enjoys a little conversation from time to time, too. Stop by to see if Rudy is your purrfect match.



Bonded pair Woodrow (left) and Rory (right) are the "Floor is Lava!" champions and would prefer hanging out on the couch rather than putting their noses to the ground. These two will need to go to the same home as they tend to stick to each other like glue, tails wagging and mouths grinning. They are fun, goofy pups who love attention and can't wait to find their furever home.

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# Virginia Tech employees donate more than \$437,000 to charity

Virginia Tech employees joined together to raise a record-breaking \$437,086 for charities through the Commonwealth of Virginia Campaign, surpassing the university goal of \$390,000.

The 2021 Commonwealth of Virginia Campaign (CVC) ended Dec. 10, 2021.

In a mostly virtual environment, senior management areas used creative strategies to raise money. Approaches included online contests, classes, and other virtual fundraisers.

Many senior management areas not only met, but exceeded their goal in

"I am grateful to Virginia Tech employees for their generous contributions to the Commonwealth of Virginia Campaign," said Lee Learman, dean of the Virginia Tech Carilion School of Medicine and this year's honorary campaign chair. "It is heartening to see the university community come together to help others during this challenging time."

others during this challenging time."

The annual campaign gives state employees the opportunity to raise and donate money to more than 900 participat-

ing charities in their communities and across the commonwealth, ranging from health and human services to animal welfare, from environmental conservation to medical research, and everything in be-

Edward Lener, CVC steering team chair, was encouraged by the support shown by Virginia Tech employees. "This year's record high giving will help ensure that these charities have the resources they need to continue the great work

they do in our communities," he said. Since 2010, Virginia Tech employees have donated more than \$3.9 million to local charities in Blacksburg, the New River Valley, and across the commonwealth.

The CVC is administered by the Division of Human Resources and led by a steering team made up of university department representatives.

"This is a wonderful accomplishment for Virginia Tech and a testament to the generosity of the Hokie Nation," said Vice President for Human Resources Bryan Garey.

Send community news and photos to communitynews@ourvalley.org

## New Virginia Tech program is striving to make laboratory spaces more environmentally friendly

Launching this spring, the Green Lab Certification Program is the product of a partnership between Virginia Tech Environmental Health and Safety and the Office of Sustainability.

The Green Lab Certification Program is a selfassessment tool that empowers, encourages, and recognizes labs that are engaging in sustainable practices. The program provides faculty, staff, and students with the tools needed to go green in their

"We estimate that lab ventilation systems account for more than 15 percent of the overall energy consumption at Virginia Tech. Additionally, lab spaces produce large amounts of waste that can be difficult to recycle, like Styrofoam and soft plastics," said Rob Lowe, senior environmental en-

"With roughly 600,000 square feet of laboratory space and over 1,200 labs across the Blacksburg campus, we have outstanding opportunities to improve energy efficiency and conservation and waste and recycling efforts in labs," Lowe said.

The Green Lab Certification Program was originally developed by Ellen Garcia, who received her master's in biology from Virginia Tech in 2020. Her work on this program has led to the final iteration of the Green Labs Tool, which assesses laboratory's sustainability efforts spanning 11 different topic areas.

Bolstering the sustainability of labs is a charge with deep ties to the Virginia Tech Climate Action Commitment, which serves as the university's guiding framework around sustainability and energy efficiency in campus operations, facilities, curriculum, and research.

The Green Labs initiative supports the following Climate Action Commitment goals:

Goal 4 - Reduce building energy consumption to enable carbon neutrality by 2030. Labs tend to demand more energy than other spaces on campus, but there are opportunities to implement behavior changes and purchasing standards to reduce energy consumption in many of our buildings with laboratories. This reduction can have a significant impact on Virginia Tech's ability to reach carbon neutrality.

Goal 7 - Virginia Tech to become a zero-waste campus by 2030. Labs can produce a lot of waste that may be unique from other spaces on campus. By completing their Green Lab Certification, labs can create a plan to better manage their waste and

help Virginia Tech reach its goal of being zero-

Goal 12 - Diminish barriers to sustainable behaviors through institutional change, education, and social marketing. By making sustainable practices the norm in laboratories, VT is helping reduce the barriers to acting sustainably within those spaces. Additionally, this

program will help educate all members of a lab on the impact their work may have on the environment while providing them with tools and tips to reduce that impact.



PHOTO BY SARAH MYERS FOR VIRGINIA TECH

Ph.D. candidate Aleksei Gendron turns off lights not in use in the Allen Lab within the Department of Biochemistry.

## Virginia Tech receives \$2.8 million grant from the Department of Defense

ceived a \$2.8 million grant from the Department of Defense to continue developing the Department of Defense (DoD) Senior Military College Cyber Institute (SMC2I), in its second

year at Virginia Tech.

"The National Security Agency is excited to partner with Norwich, the Citadel, University of North Georgia, Virginia Tech, Texas A&M, and Virginia Military Institute in the DoD Cyber

commandant of NSA's Cryptologic School, which houses Academic Excellence in professional roles. Cybersecurity Program.

Institute pilot program," upon the \$1.5 million said Diane Janosek, the grant awarded in January 2021 that aims to prepare civilians to work in the DoD cybersecurithe National Centers for ty workforce and related

The grant will be allogrant builds cated toward two efforts: scholarsupporting ships for undergraduate students interested in careers focused on cybersecurity and critical foreign languages and supporting experiential learning opportunities within the National Security Institute, the Ted and Karyn Hume Center for National Security and Technology, and other Virginia Tech academic departments, including computer science, electrical and computer engineering, math, statistics, and the Pam-plin College of Business.

Laura Freeman, principal investigator of the grant and the director of the National Security Institute's Intelligent Systems Division, collaborates with co-prin-

the grant Ehren Hill, Hume Center's associate director for Education and Outreach, Joseph Simpson in the Pamplin College of Business, and Stephanie Travis, research faculty in the Intelligent Systems Di-

Travis was appointed as the director of the Senior Military College Cyber Institute in June 2021 with her first charge: create a threeyear cohort model to develop the cyber skills of students.

"Our country needs amazing new federal civilians in the cyber workforce and Virginia Tech has amazing students to fill those roles," said Travis. "It is an honor to have the opportunity to leverage the expertise of the five other Senior Military Colleges and provide a more robust cyber education

to our students."

Travis, who spent 10 years in the United States Air Force, created more internship opportunities for students by leveraging existing and forging new relationships across defense organizations.

"I am most looking forward to having the opportunity to mentor such motivated students and to expose them to the amazing opportunities they have in their futures," Travis said. "I am inspired that they're truly excited to serve our country in their own

ways." The Senior Military College Cyber Institute started with 10 students in the fellowship this past fall. Travis said the goal is to add 10 new fellowship students each year moving forward.

-By Aubrey Medina



College Cyber Institute goal of preparing civilians to work in the DoD cybersecurity

# The funding will contribute to the Department of Defense (DoD) Senior Military

## workforce and related professional roles.

## **Policy**

The convention featured speakers, educational workshops, and award presentations. Virginia Farm Bureau Federation earned a State Award of Excellence for implementing outstanding member programs and for membership achievement in 2021.

Virginia young farmers competed for American Farm Bureau Federation Young Farmer & Rancher awards. Roger and Amanda Scott of Madison County placed third in the Achievement Award competition. Northampton County farmer Kyle Sturgis was a Top 10 finalist for the Excellence in Agriculture Award, and Jonathan Grimes, a Wythe County

national Discussion Meet

competition. Four Virginia Farm Bureau Women's Leadership Committee members and four women delegates participated in workshops, regional caucus events, and special presentations.

American Farm Bureau Federation President Zippy Duvall spoke at the women's general session.

"He emphasized we should never underestimate the power of our influence and voice in agriculture," noted Virginia Farm Bureau Federation Women's Leadership Committee Chair Faye Hundley of Essex County. "He encouraged women delegates

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farmer, participated in the to continue to be strong and engaged to reach our maximum potential."

Duvall also opened the convention by discussing the organization's successes in 2021 and priorities for 2022.

"Through even greatest challenges, we never waver in growing the safest, most sustainable food, fuel and fiber in the world," he said. "And Farm Bureau remains true to our purpose: to be that one, united voice of agriculture. I believe with all my heart that there is reason to be optimistic."

National leaders also ad-

dressed the group, including President Joe Biden in a video message and U.S. Secretary of Agriculture Tom Vilsack.

Biden expressed his appreciation for farmers and highlighted the administration's priorities related to the Packers and Stockyards Act, infrastructure improvements, and promoting fair competition in agricultural markets. Vilsack discussed broadband deployment, trade negotiations, investments in livestock processing capabilities, and the prospect of climate-smart commodi-

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## Virginia gas prices remain the same

ginia were unchanged in the last week, averaging \$3.15/g Monday, Jan. 24, according to Gas-Buddy's survey of 4,081 stations in Virginia. Prices in Virginia are 1.1 cents

Average gasoline prices in Vir-

per gallon lower than a month ago but still stand 83.7 cents per gallon higher than a year ago.

According to GasBuddy price reports, the cheapest station in

Virginia was priced at \$2.84/g Monday while the most expensive was \$3.89/g, a difference of The national average price of

gasoline has risen 1.8 cents per gallon in the last week, averaging \$3.32/g Monday, according to GasBuddy. The national average is up 3.3 cents per gallon from a month ago and stands 92.0 cents per gallon higher than a year ago,

according to GasBuddy data compiled from more than 11 million weekly price reports covering over 150,000 gas stations across the country.

"With oil prices remaining elevated, average gas prices inched up in most states over the last week even as gasoline demand weakened, a testament to how concerned oil markets are with unrest in oil producing nations,"

said Patrick De Haan, head of petroleum analysis at GasBuddy. "With all eyes on the Russia/ Ukraine situation, oil will likely remain north of \$80 per barrel, with additional volatility," said De Haan. "Prices could rise even more significantly if there is any further deterioration in the situation. For now, I don't expect any immediate fireworks at the pump, but the trend of rising gas

prices will likely persist as worries continue to overpower weak global consumption.

GasBuddy is the authoritative voice for gas prices and the only source for station-level data spanning nearly two decades. Gas-Buddy's survey updates 288 times every day from the most diverse list of sources covering nearly 150,000 stations nationwide, the most comprehensive and up-to-date in the country. GasBuddy data are accessible at http://prices.GasBuddy.

## WalletHub names Virginia second-best state to retire in

To determine the best stats for retirees, the personal finance website WalletHub compared the 50 states across 47 key indicators of retirement friendliness. The company analysis determined that Virginia was the second-best state in the country for retirees, behind only Florida.

The rankings for Virginia for some of the report's key indicators were as follows with 1

being the best and 25 being average: Adjusted Cost of Living, 26; Annual Cost of In-Home Services, 12; Taxpayer Ranking, 24; Elderly Friendly Labor Market, 30; Property Crime Rate, 11, Life Expectancy 19; and Percentage of Residents 12+ Who Are Fully Vaccinated, 11. As the website points

out, retirement might be the end of a career, but it doesn't have to be the end of financial security or life satisfaction. Retirement generally coincides with the age at which older citizens may receive Social Security or pension benefits. However, not everyone can retire when they want to. In fact, 27% of non-retired adults haven't saved any money for retirement, though not necessarily through any fault of their own.

But in addition to

when to retire, WalletHub says, a good question to ask is where. Finding the best states to retire can be difficult without doing lots of research. Even in the most affordable areas of the U.S., most retirees cannot rely on Social Security or pension checks alone to cover all of their living expenses. Social Security benefits increase with local inflation, but they replace

only about 40% of the average worker's earn-If retirement is still a

big question mark because of finances, WalletHub suggests considering relocating to a state that lets retirees keep more money in their pocket without requiring a drastic lifestyle change.

According to WalletHub's report, the ten best states to retire in are 1. Florida 2. Virginia 3. Colorado 4. Delaware 5. Minnesota 6. North Dakota 7. Montana 8. Utah 9. Arizona 10. New Hampshire.

The same report said the ten worst states for retirees are 41. Louisiana 42. West Virginia 43. Arkansas 44. Rhode Island 45. Illinois 46. Oklahoma 47. Kentucky 48. New York. 49. Mississippi 50. New Jersey.

Submit letters

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### News Messenger

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The News Messenger is a newspaper of, by and for the people of Montgomery County. We encourage letters from our readers on topics of general interest to the community and responses to our articles and columns. Letters must be signed and have a telephone number where you can be reached for verification. All letters will be verified before publication. We reserve the right to deny publication of any letter and edit letters for length, content and style.

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#### **Principle** from page 1

make spaghetti.

When the heat source is hot enough, the water's behavior changes dramatically. According to Boreyko, a water droplet deposited onto an aluminum plate heated to 150 degrees Celsius (302 degrees Fahrenheit) or above will no longer boil. Instead, the vapor that forms when the droplet approaches the surface will become trapped beneath the droplet, creating a cushion that prevents the liquid from making direct contact with the surface.

The trapped vapor causes the liquid to levitate, sliding around the heated surface like an air hockey puck. This phenomenon is known as the Leidenfrost effect, named for the German doctor and theologian who first described it in a 1751 publication.

This commonly accepted scientific principle applies to water as a liquid, floating on a bed of vapor. Boreyko's team found themselves wondering: Could ice perform in the same way?

"There are so many papers out there about levitating liquid, we wanted to ask the question about levitating ice," said Boreyko. "It started as a curiosity project. What drove our research was the question of whether or not it was possible to have a three-phase Leidenfrost effect with solid, liquid, and vapor."

Curiosity sparked the

first investigation in Boreyko's lab some five years ago in the form of a research project by then-undergraduate student Daniel Cusumano. What he observed was fascinating. Even when the aluminum was heated above 150 C, the ice did not levitate on vapor as liquid does. Cusumano continued raising the temperature, observing the behavior of the ice as the heat increased. What he found was that the threshold for levitation was dramatically higher: 550 C (1022 F) rather than 150 C. Up until that threshold, the meltwater beneath the ice continued to boil

in direct contact with the surface, rather than exhibit the Leidenfrost

What was going on underneath the ice that prolonged the boiling? The project was picked back up by graduate student Mojtaba Edalatpour a short time later, to solve the mystery. Edalatpour had been working with Boreyko to develop novel methods of heat transfer and put that knowledge to work in approaching this problem. The answer turned out to be the temperature differential in the meltwater layer beneath the ice.

The meltwater layer has two different extremes: Its bottom is boiling, which fixes the temperature at about 100 C, but its top is adhered to the remaining ice, which fixes it at about 0 C. Edalatpour's model revealed that the maintenance of this extreme temperature differential consumes most of the surface's heat, explaining why levitation was more difficult for

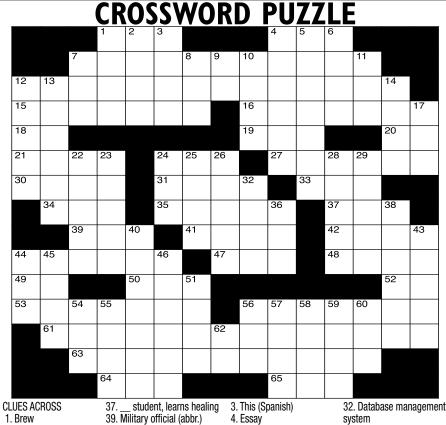
The elevated temperature of 550 degrees Celsius for the icy Leidenfrost effect is practically important. Boiling water is optimally transporting heat away from the substrate, which is why you feel ample heat rising from a pot of water that is boiling but not from a pot of water that is merely hot. This means that the difficulty in levitating ice is actually a good thing, as the larger temperature window for boiling will result in better heat transfer compared to using a liquid alone.

'It is much harder to levitate the ice than it was to levitate the water droplet," said Boreyko. "Heat transfer plummets as soon as levitation begins, because when liquid levitates, it doesn't boil anymore. It's floating over the surface rather than touching, and touching is what causes it to boil the heat away. So, for heat transfer, levitation is terrible. Boiling is incredible."

- By Alex Parrish

#### **Acrobats** from page 1

machines to build bird-



1. Brew 4. NY ballplayer in some animals

7. Rigid external covering 42. Gasteyer and De Armas 12. Promotional materials 15. More high-pitched 16. Widely cultivated cereal 18. Dormitory employee 19. Bad act 20. One's mother 21. Scored perfectly

24. Space station 27. Exchange for money

31. Iranian city

34. Nothing

rivals

33. Lakers' crosstown

35. Spiritual leader of a

Jewish congregation

fish 30. Edible seaweed

39. Military official (abbr.) 41. Matchstick games are two

44. Distant planet 47. A type of residue 48. Punk art icon Jimmy De\_\_\_ 49. Millihenry 50. Canadian media firm 52. Type of withdrawal

56. Dish of minced meat or 61. Noted previously

63. Happily 64. "Partridge" actress Susan 65. Not present CLUFS DOWN 1. In a way, brought to an end Scandalized actress

Loughlin

Tool for lifting food 7. Partner to Adam 9. Spanish be

character "\_\_ Kane'

Mason \_\_\_ Line

24. Disfigure

Asian nation

26. Rage (Span.)

29. Opera solo

28. Khoikhoin peoples

5. Continuing indefinitely 8. Dry white wine drink 10. Smaller quantity Last or greatest in an indefinitely large series 12. (Scottish) island

playfully 40. Alfalfa 43. Satisfied 44. Baseball official 45. Large, flightless bird of S. America 13. Church officer Flower cluster 14. Large wrestler 17. Polite address for women 55. Russian weight mea-22. Famed Susan Lucci

Similar 38. Move up and down

46. Money given in support 54. Beginning military rank surement 56. Explosive 57. An individual unit 58. Midskirt 59. Weapon featuring balls 60. Used of a number or

amount not specified

62. Unit of measurement

houses in a human, joyful, and soulful way.

In "Birdhouse Factory," a contortionist performs on a turntable powered by unicyclists, a trapeze artist flies high thanks to the spins of an acrobat inside a giant gear-like wheel, and trampoline wall artists defy the laws of physics by virtually walking on

The production was inspired, in part, by the masterful industry murals of Mexican-born artist Diego Rivera, the outrageous illustrations of cartoonist Rube Goldberg, and the slapstick humor of Charlie Chaplin's film "Modern Times." While these inspirations make "Birdhouse Factory" artful, nostalgic, and funny, the true essence of the show comes from the circus.

"Birdhouse Factory" delivers a timeless message of hope, camaraderie, and the power of the collaborative human spirit when presented with adversity. Although conceptualized prior to the pandemic and inspired by the Great Depression, it addresses the challenges faced by the industry and workers during unprecedented

The story is one of imaginative recovery where humans create magic when working together towards common goals. Audience members will be enchanted by the story of laughter, love, flight, and birdhouses.

Students, teachers. and families from Radford City and Floyd, Giles, Montgomery, and Pulaski counties will attend a free school-day performance of "Birdhouse Factory" offered for area public, private, and homeschools.

Tickets for the performances are \$25-55 for the general public and \$10 for Virginia Tech students. Tickets can be purchased online; at the Moss Arts Center's box office, 10 a.m. to 5 p.m. Tuesday through Friday, and 10 a.m. to 4 p.m. Saturday; or by calling during 540-231-5300 box office hours.

Proof of COVID-19 vaccination or negative COVID-19 test is required for those ages 12 and over to attend this performance. Masks are required at all times for patrons, visitors, and staff regardless of vaccination status in all indoor spaces at the Moss Arts Center.

## VDOT Roadwatch

The following is a list of forecasted highway projects that may impact traffic traveling in the noke. 12-county Salem Transportation District this week. Work schedules and construction project timelines are always subject to change and weath-

er dependent. The Salem

District covers Bedford,

Botetourt, Carroll, Craig,

Floyd, Franklin, Giles, Montgomery, Henry, Patrick, Pulaski and Roa-

MONTGOMERY COUNTY

I-81 NORTH-**BOUND AT EXIT 105** NEW RIVER BRIDGE REPLACEMENT MONTGOMERY COUNTY - Lane and

shoulder closures may be in place near exit 105. Lane closure may be in effect during the week from 8 p.m. to 7 a.m. Shoulder closures may be in effect at any time during the week. Slow rolls may be performed on I-81 in the north and southbound lanes from mile marker 104 to 106 from 9 p.m. to 5 a.m. Speed limit is reduced to 60 miles per

See **VDOT**, page 5

## Bishop, Jennings Ray

Jennings Ray Bishop, 76, of Christiansburg, died Thursday, Jan. 20, 2022, at the New River Valley Medical

He was born in West Virginia on Aug. 23, 1945, to the late Ollie Curtis and Sarah Lester Bishop.

He is survived by his wife, Cosbie McDaniel Bishop; daughters Lisa Fardy and Erin Bishop; a son, Daniel Bishop; eight grandchildren; eight great-grandchildren; a sister, Creata Waldran; and a brother-in-law, Ira Bishop.

Funeral services will be conducted on Friday, Jan. 28, 2022, at 2 p.m. in the McCoy Funeral Home Chapel with the Rev. Dr. Brendia (Joyce) M. Pack officiating. Interment will follow at Roselawn Memorial Gardens, Christiansburg. The family will receive friends from 1 to 2 p.m. prior to the service at McCoy Funeral Home, Blacksburg.

## Dritselis, Mary T.

Mary T. Dritselis died peacefully at her home in Christiansburg on Jan. 19,

She was preceded in death by her parents, Nicholas and Anastasia Tsakires, and her beloved brother Paul Tsakires and is survived by her children Victor Dritselis of Blacksburg, Stefani McNair of Chevy Chase, Md.; her grandchiĺdren, Alexa McNair of San

Diego, Calif. and Ian McNair (of Falls Church, Va.; her sister Dena Bowers and her husband, Kirk of Charlottesville, Va.; niece Nicole Coryell of Fredericksburg, Va; nephew Andy Bowers of Richmond, Va.; grandnieces Sophia and Brooke Coryell of Fredericksburg; and family in Thessalonica, Greece.

Mary was born in Bluefield, W.Va., to proud parents who emigrated from Greece in search of a more prosperous life. In 1962 she married and moved to Christiansburg, where she and her thenhusband, John began a successful 30-year career as restaurateurs and developed a reputation for quality food and service among the locals and the Virginia Tech

In 1982 she became a realtor with Century 21 and was awarded ABWA Business Woman of the Year. She furthered her career in real estate and helped to establish Southview Management Company.

She served on the board of the New River Valley Friends of the Roanoke Symphony for many years and was a member of the Montgomery County Chamber of Commerce, Downtown Blacksburg, Inc., as well as the University Club of Virginia Tech. A person of faith, she was a mem-

Lucy Kessinger Martin, 85, of Blacks-

She was born in Montgomery County

burg, died Thursday, Jan. 20, 2022, at

on Sept. 21, 1936, to the late Roy Kem-

per and Lucy Smith Kessinger. She was

preceded in death by her husband, Lee

Edward Martin; her sisters, Fleta Smith,

Doris Walters, Lois Green; brothers Roy

She is survived by her son, Clayton

Rice; a daughter, Wanda Brickey; grand-

LewisGale Hospital Montgomery.

ber of the Holy Trinity Greek Orthodox Church in Roanoke.

Mary had impeccable taste and was enamored with the fashion world. She was widely known in her community and made many cherished friendships and acquaintances. She personified ess with the mostest," throwing fabulous parties throughout the years.

Guests knew her passion for entertaining, music, and dancing, and would come far and wide with their guitars, bouzoukis, and dancing shoes.

She kept a beautiful and loving home for her family where her children and grandchildren shared many treasured memories growing up. Her bright bluegreen eyes and radiant smile will forever remain in their minds.

The family gives a very special thanks to all those who cared for her, especially to Marisha Kirby and Mary Ann Harris and her staff with Comfort Care Senior Homes, LLC. We are deeply grateful for their compassion, wisdom, and care.

Memorial services will be held at McCoy Funeral Home in Blacksburg on Thursday, Jan. 27, at 12:30 p.m. with Fr. Nick Galanopoulos officiating. The visitation will be at 11:30 a.m. A Mercy Meal reception will be held at the Inn at Virginia Tech immediately following the interment burial site at Roselawn Memorial Gardens. In lieu of flowers, the family requests that donations be made in Mary's name to Good Samaritan Hospice, NRV, 1160 Moose Drive, Christiansburg, VA 24073. Goodsamhospice.org.

children Lorie Rice and Teri Brickey;

sisters and brothers-in-law Almeta and

David Young, Martha Campbell, Pa-

tricia McCoy, Sandra Sims, Brenda and

Roy Hughes, and Carrie and Derek Lee;

brothers and sisters-in-law Larry and Kar-

en Kessinger and Estiol and Brenda Kess-

inger; and numerous nieces and nephews.

Wednesday, Jan. 26, 2022, at 11 a.m. at

Roselawn Memorial Gardens, Christians-

burg. Arrangements by McCoy Funeral

A graveside service was held on

## Coalson, Jane Withers

Jane Withers Coalson, 82, passed away at her home in Radford on Saturday, Jan.

She was a member of Fairlawn Presbyterian Church and a retired medical transcriptionist with St. Alban's Hospital.

Jane was preceded in death by her parents, Wallace Ray and Helen Porter Withers; two infant daughters and one infant son; brothers

David and James Withers, and sisters Betty Gray and Marie Van Lear.

Survivors include her husband, Robert D. Coalson; sons and daughter-in-law Michael and Elizabeth Coalson of Fairlawn, and James Coalson of Fairlawn; grandsons, Jesse and Jeremy Coalson; a granddaughter, Emilie Gaudin; a great-grandson, Murphy;

special sisters-in-law, Mary Louis Coalson and Barbara Coalson; and many other relatives and friends. The family

friends from 12:30 to 2 p.m. on Wednesday, Jan. 26, 2022, at the Mullins Funeral Home in Radford. Funeral services began at 2 p.m. with the Rev. Allison Unroe officiating. Interment followed in Highland Memory Gardens in Dublin.

In lieu of flowers, please make donations to the Fairlawn Presbyterian Church or the charity of your choice. Per the family's request, masks are pre-

The Coalson family is in the care of Mullins Funeral Home & Crematory in Radford. www.mullinsfuneralhome.com.

## Hatfield, Janet Roark

Janet Roark Hatfield passed away peacefully at her home in Radford on Friday, Jan. 21, 2022, at the age of

Janet was born on Nov. 1, 1942, in Ashland, Boyd County, Ky. to her beloved parents, Sterling and Eva Lena Roark (Arnett). She attended Blacksburg High School and Radford College. Janet married James ("Skip") Franklin Hatfield

on Dec. 28, 1969, and they made Radford their home in 1972 where they raised their

Janet was preceded by death by her parents, her loving husband, Skip, and her siblings Jo Leach, William "Jimmy" Roark, Jene Roark, and Judy Dowdy.

She is survived by her daughters, Lane Arnett Hatfield and Sara Elizabeth Hatfield; her sisters-in-law, Patricia Trent and Margaret Roark; her nieces and nephews, Bena Holbrook (John Abadie), Kim Roark, Harry Baldwin, Chris Roark (Len Turner), Sabrina Roark, Lance Dowdy (Allison), Christi Trent, and Nicole Trent and greatnieces and great-nephews.

Janet was a strong and independent woman and a mentor and guide to all. The

most important thing to Janet was her family. She was also a dedicated Virginia Tech fan and greatly enjoyed being with good friends at her local bridge Education was incredibly

and she were responsible for the Hatfield Family Athletic Scholarship at Virginia Tech and were very proud to support Virginia Tech and its students. Janet was a longtime member of

important to Janet. Skip

the local banking industry, retiring from both the former First National Bank of Christiansburg and First Bank & Trust. The family will receive friends from 10

a.m. until 12 p.m. on Monday, Jan. 31, 2022, at the Mullins Funeral Home in Radford. Funeral services will begin at 12 p.m. with Pastor Greg Harrell officiating. Interment will follow in the Westview Cemetery in Blacksburg. The family requests every one wear a mask.

In lieu of flowers, please make donations to either the Women's Resource Center or the Radford/Fairlawn Daily Bread.

The Hatfield family is in the care of Mullins Funeral Home & Crematory in Rad-



Mary Nuckols Viers, 90, of Radford, passed away Sunday, Jan. 16, 2022.

She was predeceased by her husband, Dennis Corvin Viers, and a daughter,

She is survived by daughters Bonnie Viers Singleton of Radford and Pamela Sue Viers of Blacksburg; a son, Robert C. Viers of Christiansburg; and a sonin-law, Roy D. Harris of Maryville, Tenn.; four grandchildren, 10 greatgrandchildren and beloved nieces and

In accordance with her wishes, her body has been donated to the Virginia Anatomical Program as a gift to the living to be used for study and research in medical education.

A memorial service to honor her life will be held at a later date.

The family wishes to thank Good Samaritan Hospice for their loving care. For those who wish to make a do-

ation in her memory, please consider Grove United Methodist Church Memorial Fund, 1020 Tyler Avenue, Radford, VA 24141.

The Viers family is in the care of Mullins Funeral Home & Crematory in Radford. www.mullinsfuneralhome.com.

#### D. Kessinger, Harvey Kessinger, Bobby Kessinger, and Dan Kessinger.

NAACP

years at the Elliston precinct. He has been a member of the Dialogue on Race Law Enforcement committee for several years and provides input and leadership to help resolve racial inequities in our area. Rev. Sanborn is a Silver Life member of the NAACP, serves as an executive committee member, and chairs the Religious Affairs

Committee. In this latter role, he works to bring faith communities together for conversation and dialogue to help resolve social justice and civil rights issues. Before his calling as a pastor, Rev. Sanborn was a chief engineer in the Merchant Marines. Mike and his wife Lois have two sons and seven grandchildren.

The Samuel H. Clark Memorial Scholarship Fund offers up to five scholarships of \$1,000 each to youth who extend their education beyond high school

at a college or technical school. Branch Treasurer Dr. Jill Stewart reported that this year a scholarship was awarded to Jera Miah Lewis, who graduated from Christiansburg High School and now attends Radford University, where she is studying to be a nurse. To be eligible, youth must be a member of the MRF Youth Council or be a child or grandchild of a branch member and live in this area.

Home, Blacksburg.

Martin, Lucy Kessinger

Karen Eley Sanders introduced the keynote speaker, Rev. Dr. Tommy McDearis, who has pastored Blacksburg Baptist Church since 1997. Rev. McDearis recounted memories of growing up in a small town in the South where schools were integrated only when he entered the fourth grade. His experience was that the difficulties of integration came from the adults and not from the children.

When he questioned the

awkward and unfair arrangements of segregation, he found the adults unwilling to answer his questions. He remembered Dr. King being called evil and a troublemaker, and when King was assassinated, he remembers that some white adults openly celebrated. He said he was unable to reconcile the attitudes and behavior of church members with the Jesus that he and they worshipped.

Rev. McDearis observed that while the prejudices of today are more subtle and less vehement, they are just as real. Just as voting rights were an important issue in the 1960s, they are an important issue now, he said. While we look back to celebrate the work of Dr. King more than 50 years ago, we also need to look forward to the changes we know still need to happen to embody his dream, Rev. McDears said. He closed by

quoting a number of lines from Dr. King, including "Change does not roll in on the wheels of inevitability, but comes through continuous struggle. And so we must straighten our backs and work for our freedom." He then encouraged listeners to join in carrying on the legacy of Dr.

Judy Barylske, co-chair of the branch's education committee, announced a new initiative during Black History Month in February. The committee will conduct a book drive to spread awareness of local African-American history. This will follow on the very successful book drive last year to promote family reading and early childhood literacy through local schools. Details will be forthcoming.

Branch President Deborah H. Travis thanked the guest speaker, all of the program participants, and Karen Jones for the technological arrangements that made the online celebration possible. President Travis urged those gathered to follow King's example and continue the work of advocating justice

The general body meetings of the local NAACP are on the fourth Sunday of each month. Email info@mrfnaacp.org for a link to the virtual meetings. Everyone is welcome. Information about the Montgomery County-Radford City-Floyd County NAACP Branch #7092 is available at mrfnaacp.org or https://www.facebook.com/ mrfnaacp.org. To make a donation to the Samuel H. Clark Scholarship fund, write a check to "M-R-F NAACP" and mark it for "Scholarship Fund" in the memo line. Then mail the donation to: M-R-F NAACP, PO Box 6044, Christiansburg, VA

hour in the work zone. Shoulder closures will remain in place though the duration of the project. Project completion is estimated by late 2022.

BRIDGE REPLACE-I-81 MENT AT EXIT 114 IN MONT-GOMERY COUNTY bridge replacement of the two Interstate 81 bridges over Route 8, northbound and southbound, is nearing completion. Remaining work involves lighting installations at the intersections and under the bridges. Lane closures may be possible. Work zone and reduced speed limit signs along I-81 are being removed. Estimated completion is

ROUTE 615 CULVERT RE-PLACEMENT - Beginning April 11, 2022, Route 615 (Pilot Road) will undergo a culvert replacement located at the intersection of Pilot Road and Old Pike Road, across from the Pilot Post Office. Single lane closures will be in place and will be maintained by utilizing temporary traffic signals. Lane closures on RTE 615 are expected to begin on 5/2/2022 and will be in place through August 2022Expected completion is October 2022. ROUTE 643 PAVING PROJ-

ECT - Beginning soon, exact date to be determined, a project is being scheduled to resurface an unpaved portion of Route 643 (Yellow Sulfur Road). The work area begins .7 mile south of the intersection with Route 642 (Jennelle Road) and ends 1.7 miles north of the bridge over Route 460. Traffic impacts will include intermittent flagging operations between these intersections. This project has an estimated completion date of May 2022.

Intermittent single lane closures utilizing flagging operations will be in place between the intersection of Teaberry Road and Jennelle Road.



#### IN MEMORY WILLIS K. WEBB

I want to honor Willis Webb as a great neighbor, great friend and role model for the past 18 years. I spent many times bowling with

him in state senior tournaments and will miss those days in the future Mr. Webb (Pa) taught me lessons on enjoying life with a compassion and attitude that went far beyond the bowling lanes. He was an important part of our lives and will always be in our thoughts in the future. Thank you Pa for great memories!

Randy Thompson



## arketplace

ourvalley.org

THE FINCASTLE HERALD

Vinton Messenger

THE NEW CASTLETER ECORD

Legals -

Montgomery County

**Proposed Tower** 

Replacement

Communications Regional

Authority is proposing to

telecommunications tower

Oilwell Road, Blacksburg,

and equipment at 2080

Virginia. Please submit

comments regarding

historic properties to

Mr. Lucas Powell, F&R, 3015 Dumbarton Road,

Richmond, VA 23228.

Telephone: 804-264-2701

**Public Notice** 

**Environmental** 

**Permit** 

PURPOSE OF NOTICE: To

seek public comment on a

Environmental Quality that

will allow the release of

treated wastewater into a

water body in Montgomery

PERIOD: January 19, 2022

PERMIT NAME: Virginia

draft permit from the

Department of

County, Virginia.

PUBLIC COMMENT

to February 18, 2022

Pollutant Discharge

Elimination Permit -

potential effects on

New River Valley

Emergency

replace the

SALEM TIMES REGISTER

News Messenger

RADFORD News Journal

#### **Lost & Found**



\*\* \$500.00 REWARD for safe return CALL/TEXT-Facebook/IM: Sherri Combs Turnbull 540-580-2929

Max went missing November 8, 2021 in the Solitude Rd area of Arcadia, Va. Please help us find Max, if you see something, say something, ask questions, he's out there somewhere. He is loved and missed terribly by his family and twin sister Bella. We need Max home, PLEASE!!

Share this far and wide. Let's get Max home.

#### For Sale - Firewood

#### **FIREWOOD** Mixed Hardwood.

Call 540-529-2745 Delivery in Botetourt only

#### For Sale - Misc

#### FOR SALE

Unprinted end rolls of newsprint. Great for packing & shipping, moving & storage and for art projects. Various sizes available. Stop by the Salem Times-Register 1633 West Main St. or call (540)389-9355 for details.

#### Help Wanted -Clerical

#### VINTON **PART-TIME** RECEPTIONIST **AND HOUSEMAN**

Oakey's Funeral Service -

Vinton Chapel is seeking individuals to work with the public and the ability to perform varied clerical tasks and service to clientele. A working knowledge of computers is helpful but not required. These positions offer flexible day, evening, and weekend hours. We offer competitive compensation. Interested candidates should contact Josh Dama at (540) 982-2221.

#### Help Wanted -General

#### **Quality Inn Radford** Hiring Full-Part Time

Front Desk Clerk/Night Auditor and Housekeeping. Apply in Person. Ph-540-639-3000

#### **Part Time** Newspaper **Production Help**

The Salem TimesRegister has openings for afternoon/evening shift work inserting, labeling and bundling newspapers for delivery. No experience necessary. Hours may vary. Will train. \$7.50 per hour. Contact Lynn Hurst, General Manager, Salem-Times Register (540)389-9355 lhurst@ourvalley.org



#### Career! **TOTAL ACTION FOR PROGRESS**

JOB FAIR SCHEDULE

01/20/22 01/27/22 02/03/22 02/10/22

02/17/22 10am - 3pm

VFW POST 1264 4930 Grandview Ave NW Roanoke VA 24012

> Bring your resume Onsite Interviews

Benefits offered: PTO/Sick Leave/Paid Holidays/Health, Dental, Vision Insurance/Paid STD,LTD

Mask must be worn regardless of vaccination status

#### Legals - Botetourt County

#### **ABC NOTICE**

**B&B** Thapa Corporation, trading as Hill Top Market, 472 1<sup>st</sup> St, Buchanan, Botetourt County, Virginia 24066-5187.

The above establishment is applying to the VIRGINIA ALCOHOLIC BEVERAGE CONTROL (ABC) AUTHORITY for a Wine and Beer Off Premises license to sell or manufacture alcoholic beverages.

Kalpana Budhathoki

NOTE: Objections to the issuance of this license must be submitted to ABC no later than 30 days from the publishing date of the first of two required newspaper legal notices. Objections should be registered at www.abc.virginia.gov or 800-552-3200.

#### Legals - City of Salem

#### **NOTICE OF PUBLIC HEARING**

On Monday, the 14th day of February, 2022, the Council of the City of Salem, Virginia, will hold a public hearing on the proposed of general issuance obligation public improvement bonds of the in an estimated maximum principal amount of \$2,350,000 for purposes of financing the City's share of the costs to existing renovate the anaerobic digestion facilities at the Western Virginia Water Authority Regional Wastewater Treatment Plant, together with related expenses, and paying the associated financing and issuance costs. Such bonds will be secured by a pledge of the full faith and credit and taxing power of the City

The public hearing, which continued may be be will adjourned, conducted during the regular meeting of the City Council which is scheduled to start at 6:30 p.m. at Community Room, Salem Civic Center, 1001 Roanoke Boulevard, Salem, Virginia 24153. Interested persons may appear at such time and place and present their views.

Rosemarie Jordan Director of Finance City of Salem, Virginia

**Notice of Public** Sale Notice is hereby given that Storage King USA 201 Berkley Rd.NE. Roanoke VA 24012 will sell the contents of the storage units listed below at a public auction to satisfy a lien placed on the contents (Virginia Statute 55). The sell will take place at the website Storage Treasures.com on 02/15/2022 at 9:00 am. The sale will be conducted on Storage Treasures.com, under the guidance of Christopher Rosa (2907004316) on the behalf of the facility's management. Units will be available for viewing prior to the sale on Storage Treasures.com. Contents will be sold for cash only to the highest bidder. A 15% buyer's premium will be charged as well as a \$100 cleaning deposit per unit. All sales are final. Seller reserves the right to withdraw the property at any time before the sale or to refuse any bids. The property to be sold is described as "general household items" unless otherwise noted. 159-Katelyn Bowman-Household goods: 023-Jeffery Terry Household goods: 225-Marcus Harrison -Household good: 295-Travis Davidson-Household goods: 259-Jonathan Walker-

**MAKE** 

Household good

## **ADVERTISING!**

To place your ad, call 389-9355

#### Legals -**Montgomery County**

#### TRUSTEE'S SALE **OF 3426 MOUNT** ZION ROAD, **BLACKSBURG, VA** 24060.

In execution of a certain Deed of Trust dated March 11, 2005, in the original principal amount of \$177,800.00 recorded in the Clerk's Office, Circuit Court for Montgomery County, Virginia as Instrument Ño. 2005002842. The undersigned Substitute Trustee will offer for sale at public auction in the front of the Circuit Court building for Montgomery County, 55 East Main Street, Christiansburg, Virginia on February 24, 2022, at 1:00 PM, the property described in said Deed of Trust located at the above address, and more particularly described as follows: BEGINNING AT A POINT, A ROD SET ON THE NORTH SIDE OF MT. ZION ROAD (VA. RTE. 655), CORNÈR TO PROPERTY OF RALPH L AND THERESA P. RUPERT; THENCE LEAVING MT. ZION ROAD AND WITH THE RUPERT LINE, N. 00° 24` 13`` E. 284.49 FEET TO A POINT, AN EXISTING ROD FOUND AND CORNER TO THE PROPERTY OF GLEN E. AND DENISE G. PRICE; THENCE LEAVING RUPERT AND WITH THE PRICE LINE, S. 88° 21` 17' E. 76.84 FEET TO A ROD FOUND AT AN ANGLE POINT; THENCE **CONTINUING WITH** PRICE, S. 01° 31` 00" E. 191.00 FEET TO A ROD

SET AT AN ANGLE POINT;

THENCE STILL

CONTINUING WITH

B. MILLER, JR. AND

DONNA C. MILLER;

A ROD SET ON THE

ROAD (VA. RTE. 655);

THENCE LEAVING

FOUND ON SAME

THE POINT OF

NORTH SIDE OF MT. ZION

MILLER AND WITH MT. ZION ROAD, N. 72° 15` 48"

W. 79.15 FEET TO A ROD

THENCE CONTINUING

WITH SAID ROAD, N. 72°

45` 29" W. 10.50 FEET TO

BEGINNING. TERMS OF

price or ten percent (10%)

balance of the subject Deed

of Trust, whichever is lower.

the Substitute Trustee must

be present at the time of the

certified funds payable to

sale. The balance of the

purchase price will be due

sale, otherwise Purchaser's

deposit may be forfeited to

essence. If the sale is set

aside for any reason, the

Purchaser at the sale shall

be entitled to a return of the

deposit paid. The Purchaser

may, if provided by the

terms of the Trustee's

Foreclosure Sale, be

cancellation fee from the

have no further recourse

Mortgagee's attorney. A

purchase real property is

available for viewing at

www.bwwsales.com.

PRACTICE SOCIAL

DISTANCING AT THE

form copy of the Trustee's

memorandum of foreclosure

BIDDERS ARE STRONGLY

**ENCOURAGED TO WEAR** 

A COVER OVER BOTH

NOSE AND MOUTH AND

AUCTION. Additional terms,

if any, to be announced at

the sale and the Purchaser

may be given the option to

execute the contract of sale

communication from a debt

information obtained will be

used for that purpose. The

sale is subject to seller

confirmation. Substitute

Trustee: Equity Trustees,

Road, Suite 240, Richmond,

LLC, 8100 Three Chopt

VA 23229. For more

information contact:

attorneys for Equity

Trustees, LLC, 6003

Rockville, MD 20852.

www.bwwsales.com.

VA-353027-1.

301-961-6555, website:

ADVERTISE!

Executive Blvd, Suite 101,

BWW Law Group, LLC,

electronically. This is a

collector and any

against the Mortgagor, the

Substitute Trustee, but shall

Memorandum of

entitled to a \$50

Mortgagee or the

sale and contract to

Trustee. Time is of the

within fifteen (15) days of

SALE: ALL CASH. A

bidder's deposit of ten

percent (10%) of the

of the original principal

in the form of cash or

Peppers Ferry Road, PRICE, S. 64° 26` 19" E. 33.48 FEET TO A POINT, A ROD SET CORNER TO THE PROPERTY OF ROY THENCE LEAVING PRICE AND WITH THE MILLER LINE, S. 15° 23` 00" W. 108.00 FEET TO A POINT,

> HOW TO COMMENT AND/OR REQUEST A accepts comments and requests for public hearing must be in writing and be mailing addresses and request for public hearing is requested 2) a brief, informal statement regarding the nature and and to what extent such interest would be directly and adversely affected by the permit 3) specific revisions. A public hearing may be held, including public response is significant, based on individual requests for a are substantial, disputed

Fax: (804) 698-7148. The public may review the draft permit and application at the DEQ office named above by appointment or may request copies of the documents from the contact person

#### Legals -Montgomery County

#### **ORDER OF PUBLICATION** COMMONWEALTH OF

**VIRGINIA** VA CODE §§ 1-211 1; 8.01-316, -317, 20-104 Case No. CL21001989 Montgomery County Circuit Court 55 East Main Street, Suite 1, Christiansburg, VA 24073 Estate Of Ernestine B. Frith

Commonwealth of Virginia Mark B. Frith

Commonwealth of Virginia The object of this suit is to: Sale of Ernestine Burton Frith's Real Property It is ORDERED that Dennis L. Frith appear at the above-named court and protect his/her interests on or before March 14, 2022.

January 13, 2022 Judge K. Mike Fleenor, Jr.

wastewater issued by DEQ, under the authority of the State Water Control Board APPLICANT NAME, ADDRESS AND PERMIT NUMBER: NRV Regional Water Authority, 3515

VA0052850 FACILITY NAME AND LOCATION: NRV Regional Water Authority WTP; 3515

Peppers Ferry Road,

Radford, VA 24141;

Radford, VA 24141 PROJECT DESCRIPTION: NRV Regional Water Authority has applied for reissuance of a permit for the public NRV Regional Water Authority WTP. The applicant proposes to release treated industrial wastewater at a rate of 0.125 million gallons per day (MGD) into a water body. The facility proposes to release the treated industrial wastewater into an unnamed tributary of Stroubles Creek in Montgomery County in the New River watershed. A watershed is the land area drained by a river and its incoming streams. The permit will limit the following pollutants to amounts that protect water quality: physical and chemical parameters, solids, chlorine, and toxicity

PUBLIC HEARING: DEQ by hand-delivery, by e-mail, fax or postal mail. All comments and requests received by DEQ during the comment period. Submittals must include the names telephone numbers of the commenter/requester and of all persons represented by the commenter/requester. A must also include: 1) the reason why a public hearing extent of the interest of the requester or of those represented by the requester, including how references, where possible to terms and conditions of the permit with suggested another comment period, if public hearing, and there issues relevant to the permit.

CONTACT FOR PUBLIC COMMENTS, DOCUMENT **REQUESTS AND ADDITIONAL** INFORMATION: Kevin A. Harlow, DEQ Blue Ridge Regional Office, 901 Russell Dr, Salem, VA 24153; Phone: (540) 562-6700; E-mail: Kevin.Harlow@deq.virginia.

listed above.

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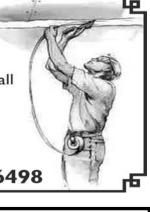
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## MONTGOMERY SPORTS

## **Christiansburg finishes third** in Big Blue Tournament

Marty Gordon

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Christiansburg High School's six-year domination of its Big Blue Wrestling Invitational ended this past weekend as Staunton River emerged from the tournament as the 2022 top dog by

compiling 197 points.
Christiansburg finished a distant third with Washington High School in second. Powhatan was fourth, Glenvar fifth, Blacksburg seventh, Salem ninth, William Byrd 10th, Hidden Valley 13th, Cave Spring 16th and Floyd 17th.

Christiansburg did have several individual winners. Jacob Baier led the Blue Demons contingent with a first at 160 pounds when an injury to his William Byrd opponent gave him the win. Luke Robie then took a 7-0 decision over Trey Lawrence of Glenvar for the

Blacksburg High School's Tharun Svetanant took first place at 138 pounds in

Christiansburg's Luke Robie dominated competition at Saturday's Big Blue wrestling

tournament, claiming first place in the 145-pound class. For his performance, he

was named the event's most valuable wrestler.

Saturday's Big Blue Invitational at Christiansburg High School.

title at 145. Robie would Henderson was second at be named the event's Most Outstanding Wrestler.

Aiden LaComa claimed one of Christiansburg's first pins of the championship round at 2:43 against Tyler Nix of Brentsville, and Parker Ferrell dominated at 220 in a 16-0 decision over Hunter Brown of Staunton River.

Blacksburg's Tharun Svetanant claimed first place at 138. Blacksburg's Braden 126 after following 7-2 in a decision to Jackson Stroud of Bentsville, and teammate Garrett Henderson would also finish second in 132 on a 3-2 decision to Jake Cline of Glenvar who took first place. Other Christiansburg

place winners were Bowman Altizer third at 182, J.J. Pociask fourth at 170, Zachary Cummings third at 152, and Jacob Manieri fifth at 138. Glenvar place winners were Ethan Flowers second at 152, Mason Hylton sixth at 120, and River Smith third at 113.

J.B. Dragovich of Hidden Valley claimed the top spot in 120.

Salem's Samuel Miles took second in 182, Matthew McNeil sixth at 152, Kyman Kinnery fourth at 138, Haeden Smith seventh at 132, Ty Porter eighth in 120, Braden Armes seventh at 106, Jackson Bryie fourth at 220 and Linkin Callihan fifth at 195.

Blacksburg's Ryan Ankrum was eighth in the 160 class while teammate Robert Baker also finished eighth at 145. Jackson Hardy finished eighth at 132, Jared Swift eighth at 113 and Jacob Honaker eighth at 106.

Big Blue officials took a moment to remember former Cave Spring and Christiansburg wrestler Kip Nininger who died last year in a tragic car accident. A Cave Spring mat and a Christiansburg wrestling mat were recognized in his honor.

Kip's father, Chris, presented a check to the Virginia Elite Wrestling program, which is based in Christiansburg and provides the foundation for many wrestlers like his son in Southwest Virginia.

Two Nininger scholarships totaling \$1,413 were presented to two participants, Garrett Henderson of Blacksburg and Luke Robie of Christiansburg. The scholarship amount, according to Chris, is a reference to his son's favorite Bible verse 4:13: "I can do all things through Christ which strengtheneth me."

Kip was a two-time state champion and a three-time place winner.

More than 100 golfers gathered at the Botetourt County Club in October to raise money for the scholarship fund.

## Blacksburg swimmers win at Christiansburg Aquatic Center



Blacksburg's Ava Baldwin won the 200-yard and 500yard freestyle events at the Thursday night meet at the Christiansburg Aquatic Center.



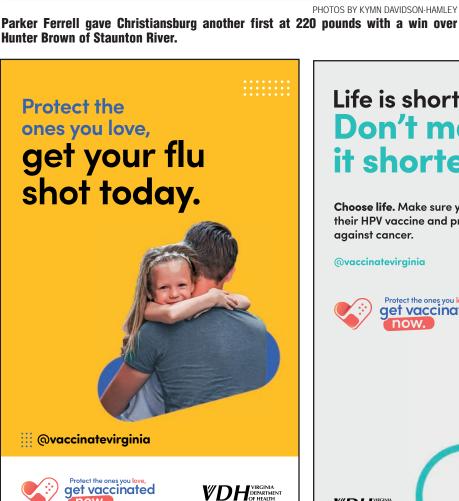
Blacksburg's Bode Thompson won the 200-yard individual medley in a time of 2:11.40.



Christiansburg's Demetrius Gallagher placed seventh in the 100-yard butterfly.



Auburn's Brooklyn Phillips placed 16th in the 100-yard

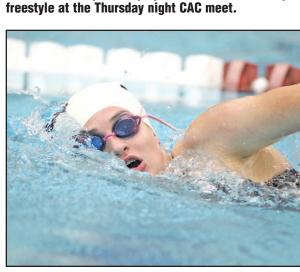


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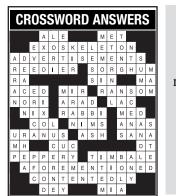
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PHOTOS BY JON FLEMING Christiansburg's Anna Sanford finished fourth in the 500-yard freestyle (5:54.14).



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