FIRE CHIEF INVITED TO ADDRESS SAILORS AT LEADERSHIP SYMPOSIUM

Fire Chief Dave Hutcheson talked about leadership challenges and the principles he tries to follow as the leader of the Virginia Beach Fire Department during a speech Thursday. He was one of four area leaders invited to provide remarks as part of the Second Annual Commander, Naval Air Force Atlantic Leadership Symposium hosted for sailors at the Joint Forces Staff College in Norfolk.

Chief Hutcheson shared the stage with Norfolk Sheriff, Joseph Baron, Volvo Penta Americas President and CEO Ron Huibers, and Navy Force Master Chief Huben Phillips. He talked about the scene of the Navy jet crash in 2012 and the impact a 1996 fire in Chesapeake had on his views of work-life balance. Two firefighters were killed in that fire after the ceiling collapsed on them.

VBDA MEETINGS WILL NOW STREAM ONLINE

Virginia Beach Development Authority (VBDA) meetings will now be available to view online. The Communications Office used this week’s meeting as a soft launch to test live streaming capabilities from the Department of Economic Development’s boardroom. The meeting was streamed live to VBgov.com and just like City Council and Planning Commission meetings, video of complete coverage is posted on the City’s YouTube channel. Streaming to Facebook is planned for the future; some equipment still needs to arrive to support that capability.

The Virginia Beach Development Authority facilitates the expansion of the tax base through increased business investment. VBDA meetings occur on the third Tuesday of every month beginning at 8:30 a.m. at the Department of Economic Development’s boardroom.
OPPORTUNITIES

REMINDER: ATTEND WORKSHOP TO IGNITE YOUR SMALL BUSINESS

Council Member Sabrina Wooten will host Ignite, a City workshop focused on helping small businesses learn how to compete to win government contracts, on Saturday, Feb. 23. Topics include overcoming issues facing SWaM businesses, doing business with state and local government, where to find opportunities and avenues to winning public contracts. The event will take place from 8:30 a.m. to 2 p.m. in the 2nd floor theater of the Advanced Technology Center.

PARKS & RECREATION IS HIRING

Virginia Beach Parks & Recreation is hosting a job fair to find energetic, qualified employees for a variety of spring and summer part-time positions. The department is looking for dedicated individuals who have demonstrated skills and are looking for opportunities to work with kids, teach swimming, or work outdoors in one of our scenic parks. Employment areas include aquatics, athletics, parks and natural areas, landscape, recreation center support staff, therapeutic recreation, youth programs, and camps.

Parks & Rec hiring managers and team members will be at Bow Creek Recreation Center (3427 Club House Rd.) on Thursday, Feb. 28 from 4:30 to 8 p.m. providing information and answering questions. Those interested in attending should bring their resume and dress to impress. Current openings can be found online at VBgovCareers.com. Contact: Dena Kimball, (757) 385-1117, dkimball@vbgov.com.

CONTINUE TO CELEBRATE AFRICAN AMERICAN COMMUNITY HEROES

There’s still time to check out the Community Heroes Poster Exhibition. Available through the end of February, posters are located at all Virginia Beach Recreation Centers, the Meyera E. Oberndorf Central Library and the Oceanfront Area Library. Additionally, the Office of Cultural Affairs is highlighting an African American Community Hero each day this month on Facebook in celebration of Black History Month. Visit www.vbpublicart.org for more information on the project.
ENTRIES FOR WATER AWARENESS CALENDAR CONTEST & NTTW NOMINATIONS DUE MARCH 1

WATER AWARENESS CALENDAR: The Department of Public Utilities is currently accepting entries for the 2020 Water Awareness Calendar, but the deadline is fast approaching. Virginia Beach residents in kindergarten through 5th grade can enter by submitting an illustration showing how they help conserve water, prevent backflow contamination, or properly dispose of fats, oils, and grease. Winning artists will be honored in a ceremony held in the spring.

Entries must be mailed or brought to Public Utilities during normal working hours (Monday through Friday, 8 a.m. - 5 p.m.). No entries will be accepted without a completed entry form. All entries must be brought to Public Utilities or postmarked by March 1, 2019. For more information such as contest rules, submission specs and entry form, visit www.VBgov.com/pu.

NTTW AWARDS NOMINATIONS: Tourism is one of the city’s major economic engines and it takes more than brick and mortar to keep this vibrant machine going. A talented, dedicated workforce is the heartbeat of our local tourism industry. They deserve recognition and you can help give it to them! Take the opportunity to nominate your favorite hospitality superstar in one of more than 30 categories for the Convention & Visitors Bureau’s 2019 National Travel & Tourism Awards. Submit your nominations online by Friday, March 1. Winners will be announced at the annual award luncheon on May 8.

AWARDS & RECOGNITIONS

VBEMS CELEBRATES NEW GRADUATES AND PROMOTION

The Department of Emergency Medical Services held its 29th Basic Life Support (BLS) Academy graduation ceremony on Thursday, Feb. 21. Vice Mayor Jim Wood, Council Members Aaron Rouse and Sabrina Wooten attended the ceremony to welcome 33 new graduates who completed a 14-week curriculum of Basic Life Support training. Vice Mayor Wood and VBEMS Deputy Chief Tom Green provided remarks and advice to the graduates and were sworn in by Chaplain Ruby Christian. The graduates will soon begin their field internship time running with one of the 10 volunteer rescue squads, and will be released as Attendants-in-Charge, ready to staff an ambulance once requirements are complete.

The ceremony also recognized the promotion of Captain Mike Brown. Congratulations to the newly graduated and promoted.
CITY IMPROVEMENTS/CLOSURES

- **N. LYNNHAVEN ROAD**: A portion of N. Lynnhaven Road near the intersection of Virginia Beach Boulevard is temporarily closed to safely facilitate utility work that began this week. This closure is expected to be in place until mid-April, weather permitting. Area residents will have access to their properties at all times. Contact: Marcy Garnett, (757) 385-4910.

- **LASKIN ROAD**: Westbound traffic on Laskin Road, from Red Robin Road to Bayway Road, will be down to one lane beginning Saturday, Feb. 23, to complete roadwork on the westbound bridge deck. Weather permitting, work will take place from 6 a.m. to 5 p.m. and should be complete by Sunday, Feb. 24. Contact: Lonnie Minson, (757) 675-8714.

- **BOW CREEK BOULEVARD**: Utility work on Bow Creek Boulevard will begin Monday, Feb. 25. To safely facilitate this work, Bow Creek Boulevard will close temporarily between Kings Arm Drive and Burgesses Lane. Weather permitting, the closure is expected to be in place until Friday, March 8. Area residents will have access to their properties at all times. Contact: DeWayne Craddock, (757) 385-4140.

- **LARK DOWN SANITARY SEWER PUMP STATION**: As part of its Aging Infrastructure Program, Public Utilities is replacing the sanitary sewer pump station serving Kempsville’s Lark Downs neighborhood. Work includes construction of the new pump station and demolition of the existing pump station. Construction began mid-January and is scheduled to be completed in December. The 44-year-old pump station, located at 704 Monmouth Lane, has reached the end of its useful life. The new pump station will help ensure safe and reliable sanitary sewer service to the surrounding community for many decades to come.

NEW & NOTEWORTHY

**VIRGINIA BEACH MAKES ANOTHER COVER**

Virginia Beach was selected for the March cover of *Teach & Travel*, the official publication of the Student and Youth Travel Association (SYTA), a non-profit professional trade association promoting domestic student and youth group travel and provides research that informs, educates and advocates for student travel. The Convention & Visitors Group Tour Sales Team secured the coverage in the March issue, which includes a five-page spread that focuses on the latest and “what’s new in Virginia Beach” as a travel destination for this lucrative market.
THOUGHT OF THE WEEK

Your life is an opportunity to question, discover and explore.

~ Dr. Janice Anderson

ATTACHMENTS

♦ Feb. 19, 2019 – Copy of a City of Virginia Beach news release titled, “Meeting of Three Commanders Virginia Historical Highway Marker to be Dedicated March 6.”

♦ Feb. 19, 2019 – Copy of an article from CoVaBiz Magazine titled, “Virginia Beach’s New Mayor Bobby Dyer.”

♦ Feb. 20, 2019 – Copy of an article from The New York Times titled, “Miami Battles Rising Seas.”

♦ Virginia Beach Television (VBTV) Program Schedule | Feb. 24 through March 2, 2019.
News Release
FOR IMMEDIATE RELEASE

Meeting of Three Commanders Virginia Historical Highway Marker to be Dedicated March 6

VIRGINIA BEACH, Va. (Feb. 19, 2019) — The Virginia Beach Historic Preservation Commission will dedicate a state highway marker to commemorate the Meeting of Three Commanders on Wednesday, March 6 at 3 p.m. This dedication ceremony was previously scheduled in January.

The marker will be placed close to Lynnhaven Colony Park on Shore Drive near where the meeting is believed to have taken place. The marker dedication ceremony will be held at the park shelter, 3125 Shore Drive. In the event of inclement weather, the ceremony will be held in BoBo’s Restaurant, 3139 Shore Drive. Parking for the event is available at the restaurant and a reception will be held at BoBo’s after the event.

Gen. André Lanata, Supreme Allied Commander Transformation of NATO Allied Command Transformation, will be speaking at the dedication ceremony. He is a French Air Force officer. Gen. Lanata will be joined by Virginia Beach Mayor Robert M. “Bobby” Dyer on the program. The public is invited to attend.

The meeting occurred Sept. 18, 1781 between Gen. George Washington, commander-in-chief of the combined American and French armies, the Comte de Rochambeau, commander of the French expeditionary army, and Admiral François Joseph Paul de Grasse, commander of a large French fleet of warships. These commanders met aboard de Grasse’s flagship on Lynnhaven Bay. It was here that the final strategies were devised that led to the stunning Franco-American victory at Yorktown.

The text for the marker was researched and developed by local historian Jorja Jean, who received a grant award from the Virginia Beach Historic Preservation Commission to fund the marker. The Virginia Board of Historic Resources approved the marker application at their June 2018 quarterly meeting. Virginia’s historical marker program is the oldest such program in the nation.

The Virginia Beach Historic Preservation Commission is a City Council-appointed body that advises Council on issues related to the City’s historic resources. The group seeks to preserve, protect and maintain the historic integrity of Virginia Beach and the former Princess Anne County through a program of advocacy and increased public awareness and involvement. The commission generally meets the first Wednesday evening of the month, except July and August, at 2101 Parks Ave., Suite 500. Please visit www.vbgov.com/historicpreservation for additional information about the Historic Preservation Commission.

1931 U.S postage stamp commemorating the victory at Yorktown featuring the three commanders, Comte de Rochambeau, Gen. Washington, and Adm. de Grasse.

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News Releases: VBgov.com/News
Virginia Beach’s New Mayor Bobby Dyer

Bobby Dyer Seeks to Build Trust in Government While Expanding on the City’s Economic Development Opportunities

By Ryan Miller
Photos by David Uhrin

Sworn in as mayor of Virginia Beach in November, Robert “Bobby” Dyer won a special election to replace William Sessoms following his resignation last spring and will serve the remainder of Sessoms’ term until December of 2020. Dyer took his oath of office after campaigning for fiscal responsibility and transparency of local government. A New Jersey native, he’s served in the U.S. Marine Corps and earned
a bachelor's degree in physical therapy from Saint Louis University, a master's degree in public administration at Fairleigh Dickinson University and a doctorate in organizational leadership from Regent University. He is a physical therapist with Encompass Home Health and served as a city councilman for the Centerville District for 14 years before being voted as a mayor of the most populous city in Virginia.

Dyer has taken office in a city that's eager to appease its potential with its ambitious economic development opportunities. Virginia Beach is thriving in the biomedical and cybersecurity industries, while tech companies anchoring transatlantic subsea cables in the city are promising for digital commerce. There's also the anticipated completion of projects at Town Center and the Oceanfront, including the new Sports Center and proposed Dome site mixed-used development with a surf park. As mayor, Dyer is keen on invigorating Virginia Beach's vision for success.

CoVa BIZ: What would you prioritize and rank as your top three economic development opportunities for Virginia Beach?

Bobby Dyer: We have to level the playing field, so any business that wants to do business with Virginia Beach or who is in Virginia Beach and want to expand, the city is going to help them do that. We want them to not only survive, we want businesses to thrive. Going forward we have a tremendous challenge with stormwater through sea level rise. The two biggest economic drivers that we have are our education and public safety. We’ve got to make sure these folks are adequately compensated to
keep us a safe city, to keep us a well-educated city. But most of all, to let everyone know that Virginia Beach is open to business and we're going to help them.

**CoVa BIZ: What do you see as the city's role in pursuing these development opportunities? And what's the mayor's role in developing these opportunities?**

**BD:** You have to be proactive and go out and get them. You have to be proactive and reactive. First of all, you have to be reactive to businesses that are here to make sure we're giving them the opportunity to succeed, but you have to be proactive and go out and find new businesses because we can no longer burden our residents, we've got too many residents on fixed income, retirees and everything. We have to find new revenue sources that are going to help us confront the challenges of the future, and that is done by being pro-business.

**CoVa BIZ: How significant is tourism to our area? Are there any projects that you'd like to see developed to improve tourism and the economy in Virginia Beach?**

**BD:** Without question, tourism is essential. We're blessed with a natural ocean, but we've also got many bodies of water and lakes in the city. We're really hoping that the Dome site development comes to fruition—that has the potential to be a tremendous game-changer—not only bringing people from outside of Virginia Beach to our Oceanfront but the people that live in Virginia Beach, get them coming back out to the Oceanfront too.

**CoVa BIZ: What would you like to see the city do to attract and keep more millennials in our workforce?**

**BD:** We have to encourage the development and recruitment of businesses in those areas where millennials find comfort in finding employment. A lot of millennials go live in Northern Virginia, but I respectfully suggest that we have a quality of life here in Virginia Beach a lot of places don't have. We've got good housing, good schools, we've got good public safety, we're an area where people want to live, but we've got to attract those types of businesses down here so they can find gainful employment or put them on a track where they can start a business themselves.
CoVa BIZ: Virginia Beach has demonstrated some success with public/private investment. Do you see this continuing?

BD: The one thing you've got to be careful of is that the city doesn't establish businesses that compete with other existing businesses. We have to be open-minded to any type of business that wants to come here, but once again, we've got to realize that we are using the people's money in terms of taxes, and when we make those decisions we have to be prudent about them but also be very transparent with the public on why we're conducting business in this way.

CoVa BIZ: In what areas do you see Virginia Beach collaborating with other municipalities in the region for the betterment of all?

BD: It seems that sometimes we have protective moats around each city. Collaboration is a good thing, and we as a region are in the collective boat together, and even though a lot of people may live in Virginia Beach they may work in Norfolk or Chesapeake or Suffolk or Portsmouth. We've just got to make sure we're communicating well, we're collaborating well. Maybe we can find ways to share certain services and become more effective government. We just have to have open dialogue and communication with the other cities.
CoVa BIZ: Hampton Roads or Coastal Virginia? What would be your choice for the region’s name?

**BD:** I think we should have a brand that better identifies us. I think we should all sit down and figure out what name would best serve our interests in terms of identifying our region.

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CoVa BIZ: Would you ever advocate for naming our new Sports Center as the “Coastal Virginia Sports Center”?

**BD:** I think we’ve got to be open to anything. I think we’ve just got to come across as a city of being open to anything that would help us be a great city become an even better city.

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CoVa BIZ: Will light rail ever make it to Virginia Beach? Why or why not?

**BD:** Light rail was a problem. It was dated technology that was costly to run, and it could only run east-west. We have to come up with a system that not only has an east-west component but that also has a north-south component. The other thing is that we have some emerging technologies on the horizon that have a great potential to solve our traffic problems. Mass transit like light rail is more effective in cities that have a grid system, like New York, Chicago, Boston. Virginia Beach is a big city with too many round neighborhoods, and we’ve got over 700 bodies of water, so it’s rough to get a system that’s effective. But I’m convinced that when we put some smart minds together that we’re going to come up with a solution that’s practical, feasible and affordable.

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CoVa BIZ: What would you say has been the key to your success as a city councilman and now becoming mayor of Virginia Beach?

**BD:** My belief in the people. Good government should never fear an engaged and educated public—we should embrace them. I’ve always tried to include the public in a lot of my decision processes and value the opinion of the individual voter. I think it’s important going forward that I help build the bridge between the people and their government. A lot of folks don’t have trust in government anymore. I think we really have an opportunity here in Virginia Beach to engage our public and make them part of the decision process.
Miami Battles Rising Seas

In 2017, voters agreed to finance adaptation efforts through property taxes. Now the first phase of those projects is underway.

By Ban Ki-moon and Francis Suarez

Mr. Ban is the former secretary general of the United Nations. Mr. Suarez is the mayor of Miami.

Feb. 20, 2019

Climate change is not a distant threat for Miami; it’s a daily presence in people's lives. The city has been fighting to stay above water for decades. It knows that its future as a vibrant international hub for business, tourism, arts and culture depends on making the city more resilient to the impact of global warming.

That’s why the city of Miami is moving aggressively to adapt; in 2017, its citizens voted to tax themselves to build resilience against flooding and storm surges by approving a $400 million bond issue that is financing projects across the city.

Miami is not alone, of course, in facing these threats. Around the globe, some 800 million people in hundreds of coastal cities are at risk from storm surges and rising seas. We want to share what we have learned in building resilience against the changing climate.

One reality we have come to understand is this: Our current efforts to protect coastal cities will fall short of what will be required in decades to come. For in spite of global efforts to rein in carbon dioxide emissions that cause global warming, they continue to rise and expose coastal cities like Miami to more extreme weather events and rising seas. And yet, the world’s biggest economies invested only about $25 billion on adaptation overall in 2014, despite losing many times that amount to floods, storms, wildfires and droughts. Clearly, more investment is needed to build resilience, especially to protect the world's coastal regions and cities.

The Coming Once-a-Year Flood

If emissions continue to grow and sea levels respond moderately, by 2100 about 10 percent of the city of Miami will be below the height of a once-a-year coastal flood. Map shows areas likely to be affected, absent resilience measures, during an event that could typically be driven by higher-than-usual tides and non-hurricane winds.
We have also learned that there is strength in numbers. Miami can access a wealth of resources, including sea level rise projections, thanks to its membership in regional bodies like the Southeast Florida Regional Climate Change Compact. The city has also gained a broader perspective on urban resilience challenges and approaches by joining global networks such as the Global Commission on Climate Adaptation, where we both serve as board members, and 100 Resilient Cities.

Finally, we have learned that effective adaptation is a collective endeavor. It requires a holistic, long-term approach that takes into account the needs of our citizens today and in the future. This requires robust and meticulous long-term planning, informed investment in resilient infrastructure, adapting land use and building policies to address the climate challenge, advancing new transportation solutions, educating and informing citizens about climate change, training and mobilizing volunteers during emergencies, informing private property owners of climate risks, and forging partnerships with research institutions and business innovators. As this long list makes clear, there isn't a single aspect of our daily lives that isn't affected by climate change.

Perhaps one of the reasons there is so little investment in adaptation is the lack of financial incentives. Unlike a wind farm, for example, that can earn a steady return for investors, the monetary benefits of adaptation are less straightforward. Investing in resilience protects businesses and communities from devastating losses, so it must be measured in the lives saved and businesses that remain open. We are only now learning how to quantify these benefits to communities. Florida's Division of Emergency Management, for example, calculated that projects to reduce wind and water damage avoided $81 million in losses when Hurricane Matthew struck in 2016, while costing only $19 million to carry out. The projects included raising buildings, improving drainage, and buying and demolishing properties in vulnerable areas.

That is why leadership, particularly from city governments like Miami's, is so important in driving investment in adaptation. After Hurricane Irma in September 2017 — one of the costliest in United States history, leaving a $50 billion trail of destruction — there was both a moral and a fiscal obligation to act. That's why two months later, Miami voters approved the $400 million Miami Forever Bond.

The program is the city's answer to the shortfall of investment in adaptation. It brings together city planners, private sector innovators and citizens to build a stronger, more resilient future for Miami. Almost half this amount is being invested in flood defenses and other measures to combat the effects of rising sea levels. The remaining funds will be invested in affordable housing, tree planting, road work and an innovative approach to urban landscape design that will allow residents to continue enjoying waterfront access while improving drainage and sea wall defenses.
On Tuesday, we had the opportunity to visit resilience projects financed by the bond in the heart of Miami’s Brickell financial district. They include expanding drainage capacity to reduce flooding and new pumping stations to collect storm water runoff and discharge it into the Miami River and Biscayne Bay. In addition, a project along Brickell Bay Drive will raise the elevation of nearly one and a half miles of sea wall on Biscayne Bay to prevent flooding from storm surges, and a redesign of Jose Marti Park along the Miami River will reduce flood risk.

We hope that along with these projects, Miami’s resilience bond will become a catalyst for greater private sector investment and innovation in climate adaptation. We also hope it will spur similar initiatives in coastal cities around the globe.

Ban Ki-moon, a former secretary general of the United Nations, is a co-chairman of the Global Commission on Adaptation. Francis Suarez is the mayor of Miami.

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A version of this article appears in print on Feb. 21, 2019, on Page A27 of the New York edition with the headline: Miami's Battle Plan for Rising Seas

READ 280 COMMENTS
VIRGINIA BEACH TELEVISION
Cox Cable Channels 46, 47 & 48
Verizon Cable Channels 46, 47 & 45

PROGRAM SCHEDULE
FEBRUARY 24 – MARCH 2, 2019

VIRGINIA BEACH TELEVISION provides locally produced and other specialty programming to support the mission of the Virginia Beach Municipal Government and the Virginia Beach City Public School System. Program listings reflect expected airtimes but may be preempted by public meetings, hearings, and special events.

Streaming is available at https://www.vbgov.com/media for all LIVE public sessions of Virginia Beach City Council and Planning Commission meetings, archives of previous meetings, and original VBTV programming. LIVE meetings and previous sessions of the Virginia Beach City School Board can be accessed at http://www.vbschools.com/schoolboard/archive.

PUBLIC MEETINGS

✓ VIRGINIA BEACH CITY COUNCIL WORKSHOP (Cox 48 / Verizon 45) — Recablecast of the February 19 meeting: Sun 9am. LIVE: Tue 2pm. Recablecast: Thu 7pm; Fri 9am.

✓ VIRGINIA BEACH CITY SCHOOL BOARD MEETING (Cox 47 / Verizon 47) — Recablecast of the February 19 workshop: Mon 2pm. LIVE: Tue, Workshop 4pm; Formal Session 6pm. Recablecast: Wed 7pm; Sat 9am.

VIRGINIA BEACH TELEVISION – COX 48 / VERIZON 45

A BIOGRAPHY OF AMERICA: GROWTH AND EMPIRE — View history as a living narrative rather than a series of irrefutable facts to be memorized. Prominent historians present America's story as something that is best understood from a variety of perspectives. Sun 5am; Tue & Thu 11am; Fri 12am.

A PLACE OF OUR OWN: HEALTHY EATING HABITS — Insight and advice for solving issues related to parenting and child rearing. Sun 9pm; Mon 8am & 3pm; Thu 12am; Fri 3pm.

✓ ACCESS VIRGINIA BEACH — Monthly news magazine highlighting city and school topics & issues.
  - Last Night on the Town
  - Winter Shelter Program
  - Annual Point in Time Count and Project Homeless Connect
  - VBFD: Operation Smoke Detector Testimonial
  - Waves, Whales & Trails – Winter Surfing
  - VBPD 21st Mounted Academy Graduation
  - 2018 Homeless Count Memorial Vigil
  - January Compass Keepers
  - Principal Appreciation Week
  Mon 12am, 11am & 9pm; Tue 5am; Wed 12am, 11am & 6pm; Thu 5am & 6pm; Fri 6pm; Sat 5am, 11am & 9pm.

AGAINST ALL ODDS: INFEERENCE FOR TWO-WAY TABLES — Discover statistical solutions to the puzzles of everyday life. Learn how data collection and manipulation - paired with intelligent judgement and common sense - can lead to more informed decision making. Sun 6am; Tue & Thu 12pm; Fri 1am.

AMERICAN CINEMA: FILM LANGUAGE — Explore film history and American culture through the eyes of Hollywood insiders. Sun 10:30pm; Mon 9:30am & 4:30pm; Thu 1:30am; Fri 4:30pm.
ART HISTORY - AMERICAN ARCHITECTURE: IN SEARCH OF A NATIONAL IDENTITY — Sun 4:30pm; Tue & Sat 9:30am; Wed 6:30am & 4:30pm.

CAREER DAY: ALTERNATIVE ENERGY AND GREEN DESIGN — Get an up-close look at a working solar home with a one-of-a-kind tour from an energy efficiency engineer; go through an energy audit with an energy services consultant; and get a special peek at the research and development being conducted at the University of Maryland's energy research center. Sun 8pm; Mon 7am; Tue & Fri 11pm; Wed 10am; Sat 2am & 5pm.

CENTRAL BUSINESS DISTRICT ASSOCIATION 2019 ANNUAL ADDRESS — Sun 7:30pm; Mon 6:30am; Tue & Fri 10:30pm; Wed 9:30am; Sat 1:30am & 4:30pm.

DAUGHTERS OF AMERICAN REVOLUTION EXCELLENCE IN AMERICAN HISTORY AWARDS — Held February 21, 2019. Sun 6pm; Mon 5am; Tue & Fri 9pm; Wed 8am; Sat 12am & 3pm.

DISCOVERING PSYCHOLOGY: THE RESPONSIVE BRAIN — Explore historic and current theories of human behavior through demonstrations, classic experiments and simulations, current research, documentary footage, and computer animation. Sun 11:30pm; Mon 10:30am & 5:30pm; Thu 2:30am; Fri 5:30pm.

ESSENTIAL SCIENCE FOR TEACHERS: HEAT AND TEMPERATURE — Sun 1pm; Fri 8am; Sat 2pm.

ETHICS IN AMERICA: DOES DOCTOR KNOW BEST? — Explore ethical dilemmas in legal, political, corporate, and military arenas through panel discussions with community leaders. Sun 9:30pm; Mon 8:30am & 3:30pm; Thu 12:30am; Fri 3:30pm.

FOCUS NNS — Explore current events at Newport News Shipbuilding. Mon 1:30am, 12:30pm & 10:30pm; Tue & Thu 6:30am; Wed 1:30am, 12:30pm & 7:30pm; Fri 7:30pm; Sat 6:30am, 12:30pm & 10:30pm.

FRONTLINE FIREFIGHTER — Produced by the City of Virginia Beach Fire Department to explore current training trends and report news of interest to firefighters and citizens alike. Mon 1am, 12pm & 10pm; Tue & Thu 6am; Wed 1am, 12pm & 7pm; Fri 7pm; Sat 6am, 12pm & 10pm.

GETTING ALONG: DON'T MAKE ME STOP THIS CAR! — Character development and conflict management for ages five through eight. Sun 4:15pm; Tue & Sat 9:15am; Wed 6:30am & 4:15pm.

HOW IN THE WORLD — Hop aboard the Airship Curiosity and travel the globe for a fun filled adventure and discover how airplanes fly; how an ice hockey rink stays frozen; what causes snowfall; how fish survive in the winter; and learn whether or not a musical note can really shatter glass. Sun 7pm; Mon 6am; Tue 10pm; Wed 9am; Thu 6:30pm; Fri 10pm; Sat 1am & 4pm.

HUMAN GEOGRAPHY: GLOBAL TOURISM — Economic and cultural geography are combined to explore the relationships between humans and their natural environment, and to track the broad social patterns that shape human societies. Sun 8:30am; Mon, Tue, Wed & Fri 2:30pm; Thu 11:30pm.

KENNEDY CENTER PERFORMING ARTS: FISK JUBILEE SINGERS — A landmark of Tennessee's artistic heritage and instrumental in preserving the musical tradition now known as Negro spirituals, the Fisk Jubilee Singers perform both contemporary and traditional songs that bring together the past and the present. Sun & Tue 2am; Mon & Sat 8pm; Wed 11pm; Thu 10am & 5pm; Fri 7am.

LEARNING MATH: LINEAR FUNCTIONS AND SLOPE — Designed for elementary and middle school teachers, and organized according to standards developed by the National Council of Teachers of Mathematics, this series explores topics in measurement, number operations, statistics, geometry, and algebra. Sun 6:30am; Tue & Thu 12:30pm; Fri 1:30am.

MATH MONSTERS — Designed for pre-kindergarten children, this animated series provides an amusing and enlightening introduction to mathematical concepts. Sun 5pm; Tue & Sat 10am; Wed 7am & 5pm.
MEET THE AUTHOR: DISCOVERING SHAKESPEARE — Sun 8am; Mon, Tue, Wed & Fri 2pm; Thu 11pm.

MOM ALWAYS SAID: MONEY DOESN'T GROW ON TREES — Discussion between real moms with real experiences and real tips on raising a family. Mon 12:30am, 11:30am & 9:30pm; Tue & Thu 5:30am; Wed 12:30am & 6:30pm; Fri 6:30pm; Sat 5:30am, 11:30am & 9:30pm.

MONEYTRACK: AMERICAN DREAM — Learn how to make your money work for you, and keep your investments on track so you can retire in style and enjoy the good life. Mon 2am, 1pm & 11pm; Tue & Thu 7am; Wed 2am, 1pm & 8pm; Fri 8pm; Sat 7am, 1pm & 11pm.

ON THE OTHER HAND — Learn American Sign Language. Sun 8:30pm; Mon 7:30am; Tue & Fri 11:30pm; Wed 10:30am; Sat 2:30am & 5:30pm.

OUT OF THE PAST: COLLAPSE — Explore new insight into the evolution of human societies by following archaeologists as they examine physical evidence from ancient civilizations. Sun 7am; Tue & Thu 1pm; Fri 2am.

POLICE PROMOTION/RETIREMENT — Recorded January 18, 2019 at the Law Enforcement Training Academy. Sun & Tue 12am; Mon & Sat 6pm; Wed 9pm; Thu 8am & 3pm; Fri 5am.

READ-ALEE-DEED-ALEE: MORE AT THE CORE — An early reading series introducing sounds and rhyming patterns that unlock words and the meaning of words. Sun 3:45pm; Tue & Sat 8:45am; Wed 5:45am & 3:45pm.

REAL VIRGINIA — Agricultural news and family-oriented stories presented by the Virginia Farm Bureau. Mon 12:30am, 11:30am & 9:30pm; Tue & Thu 5:30am; Wed 12:30am, 11:30am & 6:30pm; Fri 6:30pm; Sat 5:30am, 11:30am & 9:30pm.

SHAMU TV: THE KILLER WHALE STORY — Explore the special connection we have with the ocean’s top predator, and hear from the people who know them best to find out what’s been learned about killer whales — how they live, grow, survive and thrive. Sun 3pm; Tue & Sat 8am; Wed 5am & 3pm.

SIGNING TIME: MY DAY — An introduction to American Sign Language for children. Sun 8:30am; Tue & Sat 10:30am; Wed 7:30am & 5:30pm.

THE MATH DUDE: SLOPE AND DIRECT VARIATION — Middle and high school students can improve their algebra skills with these fast-paced programs devoted to Algebra I as it is taught in the classroom today. Sun 3:30pm; Tue & Sat 8:30am; Wed 5:30am & 3:30pm.

THE SENIOR SOURCE — Hosted by Sandra Parker, this bi-monthly program highlights city services, opportunities, and resources available to our senior population. This month, learn how to stay safe and healthy at home while aging. Topics include Operation Smoke Detector, Operation Outlook, Matter of Balance classes, and more. Sun 8:30am; Mon 2:30am, 1:30pm & 11:30pm; Tue & Thu 7:30am; Wed 2:30am, 1:30pm & 8:30pm; Fri 8:30pm; Sat 7:30am, 1:30pm & 11:30pm.

THE WESTERN TRADITION: THE WARS OF RELIGION — Journey from ancient, pre-western civilizations to the age of technology and beyond. Sun 5:30am; Tue & Thu 11:30am; Fri 12:30am.

VOICES AND VISIONS: EZRA POUND — The works of poets are interpreted through dramatic readings, archival photographs, and interviews. Sun & Thu 2pm; Fri 1pm.

X-POWER: VANISHING POINT — Foster the development of algebraic thinking through visualization of concepts rather than abstract symbolic manipulation. Sun 4pm; Tue & Sat 9am; Wed 6am & 4pm.
A BIOGRAPHY OF AMERICA — Thu 8pm.

A HISTORY OF BLACK ACHIEVEMENT IN AMERICA: A NEW AGE — Explore the contributions of Black Americans to have influenced our culture, enriched our society, and shaped the history of the United States. Mon 10:30pm; Tue & Fri 11:30am & 3:30pm; Thu 11:30am.

A PLACE OF OUR OWN — Wed 3pm.

ACCESS VIRGINIA BEACH — Sun 9pm; Mon 7:30am & 6pm; Tue & Thu 1:30pm; Wed 7:30am & 11:30pm; Fri 7:30am; Sat 6pm.

AGAINST ALL ODDS — Thu 9pm.

AMERICAN CINEMA — Wed 4:30pm.

ART HISTORY — Tue 6am; Thu 6am & 5:30pm.

BRIDGING WORLD HISTORY: EARLY EMPIRES — Explore global patterns through time, seeing history as an integrated whole. Mon 10pm; Fri 3pm; Thu 11am.

CLASSIC ARTS SHOWCASE — Enjoy the classic arts by experiencing short video clips of film and music. Sat 12am through 8am, 1:30pm through 6pm, and 8pm through Sun 8pm.

DISCOVERING PSYCHOLOGY — Wed 5:30pm.

EMERGENCY PREPAREDNESS: TORNADO: PLAN TO SURVIVE — Using examples based on real-life experiences, this program illustrates what to do if trapped in a mobile home, an automobile, at work or at school, or in a shopping mall. Tue & Thu 7am.

ESSENTIAL SCIENCE FOR TEACHERS — Mon 7pm; Tue 11pm; Wed 2pm; Fri 5pm & 11pm.

ETHICS IN AMERICA — Wed 3:30pm.

EXERCISE HORIZONS — Mon, Wed, Fri 10:30am; Tue & Thu 2:30pm.

FIT FOR DUTY: KICKBOXING — An exercise program spanning several disciplines, such as kickboxing, Pilates, aerobics, weight training, and more. Produced by The Pentagon Channel. Mon & Wed 12pm; Tue & Thu 8am.

FOCUS NNS — Explore current events at Newport News Shipbuilding. Sun 10:30pm.

FRONTLINE FIREFIGHTER — Sun 10pm; Mon through Fri 9am; Mon, Wed, & Fri 1pm; Thu 11pm.

FUZION FITNESS — Mon & Wed 11am; Tue & Thu 3pm; Fri 11am.

GETTING ALONG — Thu 5:15pm.

HOMEBOUND EXERCISE — Mon, Wed, Fri 10am; Tue & Thu 2pm.

HOW IN THE WORLD — Mon, Wed, & Fri 9:30am; Mon & Sat 6:30pm; Thu 11:30pm.

HUMAN GEOGRAPHY: GLOBAL TOURISM — Economic and cultural geography are combined to explore the relationships between humans and their natural environment, and to track the broad social patterns that shape human societies. Tue & Fri 10:30pm; Thu 3:30pm.

INSIDE THE GLOBAL ECONOMY: MANAGING CURRENCIES AND POLICY COORDINATION — Mon 11pm; Tue & Fri 12pm & 4pm; Thu 12pm.
JURY ORIENTATION — A helpful guide for anyone called to jury duty. Sun 8pm; Mon 8am & 8pm; Wed, Fri & Sat 8am.

KENNEDY CENTER PERFORMING ARTS — Fri 9pm.

LEARNING MATH — Thu 9:30pm.

MATH MONSTERS — Thu 6pm.

MEET THE AUTHOR: DISCOVERING SHAKESPEARE — Tue & Fri 10pm.

MONEYTRACK — Sun 11pm.

NATIONAL GALLERY OF ART: JOHN F. PETO AND THE IDEA OF STILL-LIFE PAINTING — Explores Peto's home and studio in Island Heights, New Jersey, which reveal the artist's temperament in both design and his collections of objects. Tue & Thu 6:30am.

OUT OF THE PAST: COLLAPSE — Explore new insight into the evolution of human societies by following archaeologists as they examine physical evidence from ancient civilizations. Thu 10pm.

POLICE PROMOTION/RETIREMENT — Fri 7pm.

READ-ALEE-DEED-ALEE — Thu 4:45pm.

REAL VIRGINIA — Sun 9:30pm.

SHAMU TV — Thu 4pm.

SIGNING TIME: MY DAY — An introduction to American Sign Language for children. Mon & Wed 12:30pm; Tue 8:30am; Thu 8:30am & 6:30pm.

THE HABITABLE PLANET: ENERGY CHALLENGES — Explore environmental science through a study of the Earth's natural systems. Mon 9:30pm; Fri 2:30pm; Thu 10:30am.

THE MATH DUDE — Thu 4:30pm.

THE PATH TO ENERGY EFFICIENCY — For over 20 years, the Virginia Beach Visitors Center has served as a gateway to fun in the sun. Now, the building serves as a visible commitment to a city-wide energy savings initiative. This video follows the process as the building goes through an energy audit. Sun 8:30pm; Mon 8:30am & 8:30pm; Wed, Fri & Sat 8:30am.

THE WESTERN TRADITION — Thu 8:30pm.

THE WHOLE CHILD CAREGIVER GUIDE: BABIES ARE CHILDREN, TOO — Mon & Wed 11:30am; Tue & Thu 7:30am.

THE WORLD OF CHEMISTRY: CHEMISTRY AND THE ENVIRONMENT — Mon 9pm; Fri 2pm; Thu 10am.

VOICES AND VISIONS — Tue 5pm; Wed & Fri 6pm; Thu & Sat 7pm.

X-POWER — Thu 5pm.
General information about the City of Virginia Beach, plus current events and late-breaking news of interest to local citizens, cablecasts 24 hours a day with audio provided by NOAA Weather radio.

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For more information regarding VBTV programming please contact the Multimedia Services Division at 385-1868 or multimedia@vbgov.com