

# Maritime Academy Charter School



Celebrates  
Women's History Month  
March 1 – March 31



# Influential Women of the Century



*Read about the many women who are and have been leaders, activist, pioneers, trail blazers, reformers, authors, supreme court justices, scientists, doctors, educators....*

<https://www.usatoday.com/in-depth/life/women-of-the-century/2020/08/13/19th-amendment-women-succeed-grit-rita-moreno-billie-jean-king/3331178001/>

# GOVERNMENT



FIRST WOMEN US VICE PRESIDENT

**Kamala Devi Harris** born October 20, 1964 is an American politician and attorney who is the [vice president of the United States](#). Harris served as a [United States senator from California](#) from 2017 to 2021, and as [attorney general of California](#) from 2011 to 2017.



# Michele Obama

**Michelle LaVaughn Obama** is an American attorney and author who was the [first lady of the United States](#) from 2009 to 2017. She is married to the 44th [president of the United States](#), [Barack Obama](#), and was the [first African-American](#) first lady. Raised on the [South Side of Chicago](#), Illinois, Obama is a graduate of [Princeton University](#) and [Harvard Law School](#). In her early legal career, she worked at the law firm [Sidley Austin](#) where she met Barack Obama. She subsequently worked in non-profits and as the associate dean of Student Services at the [University of Chicago](#) as well as the vice president for Community and External Affairs of the [University of Chicago Medical Center](#). Michelle married Barack in 1992, and they have two daughters.

# SHALL NOT BE DENIED



WOMEN FIGHT FOR THE VOTE



A number of women have appeared on presidential shortlists for possible Supreme Court nominees. The five women who have served on the high court are Justices **Sandra Day O'Connor**, **Sonia Sotomayor**, **Ruth Bader Ginsburg**, **Elena Kagan**, and **Amy Coney Barrett**

# Women in Maritime



**Kate McCue** (born January 6, 1978)<sup>[1][2]</sup> is an American [cruise ship](#) captain, currently employed by [Celebrity Cruises](#). When she became the commanding officer of [Celebrity Summit](#) in 2015, it was the first time that an American woman had been named captain of a ["mega" cruise ship](#). Prior to her time at Celebrity, she had worked as an officer for both [Disney Cruise Lines](#) and [Royal Caribbean](#). She is currently the captain of the [Celebrity Edge](#).



## **Cynthia A. Hudson**

CEO HudsonAnalytix, Inc.

Maritime Academy Charter  
School Board Member

Philadelphia Native

Cynthia A. Hudson is CEO and founder of HudsonAnalytix, Inc., a global maritime risk consultancy serving the maritime transportation sector, headquartered in the Philadelphia, US and internationally from Piraeus to Jakarta. In 1986, Ms. Hudson founded what became HudsonAnalytix to provide emergency response, maritime project management and maritime consulting services to maritime transportation interests; oil and energy, vessel owners/operators and insurers for more than 100 oil and hazardous material response incidents. Hudson led the firm into maritime security for ports and vessels providing port vulnerability security assessment work at hundreds of ports and facilities worldwide and in 2016 expanded HudsonAnalytix's cyber operations to design and deliver cybersecurity and cyber risk management solutions to maritime clients and provide cybersecurity expertise to governmental agencies. Well-known and highly regarded throughout the maritime transportation industry for her work and contributions in her field, Ms. Hudson was most recently honored by the Organization of American States (OAS) Inter-American Committee on Ports with the 2016 Maritime Award of the Americas: Outstanding Women in the Maritime and Port. Ms. Hudson serves on a number of Industry Boards, and is President of WISTA Delaware River & Bay Chapter and a Director of the North American Marine Environment Protection Association (NAMEPA).



## Community Relations Manager - [Philadelphia Regional Port Authority](#)

Ms. Fisher is an experienced Community Relations Manager within the maritime industry with expertise in Nonprofit Organizations, Operations Management, Freight, Ocean Transportation, and International Trade.

### **President-** Women's International Trade Association

The Women's International Trade Association was established in 1979 and for over 30 years has organized speakers, networking events, and meetings for women and men throughout the Philadelphia / Delaware / New Jersey area. Members include individuals from local freight forwarding companies, customs brokers, the regional port authority, marine refrigeration, maritime lawyers, truckers, warehouses, ocean carriers, and many more professions.

Tummona Fisher  
Community Relations Manager  
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Maritime Academy Charter  
School Board Member

# Marine Engineer/Naval Architect Raye Gene Montague



## **Raye Jean Montague**

January 21, 1935 – October 10, 2018) was an American naval engineer credited with creating the first computer-generated rough draft of a U.S. naval ship. She was the first female program manager of ships in the United States Navy.



Elizabeth Marami, has made history by becoming Kenya's first female marine pilot. Born and bred in the coastal city Mombasa, Marami initially studied law at the University of Nairobi, but later changed course and went on to pursue navigation in Alexandria, Egypt for 5 years. "I always grew up knowing that I wanted to do something different, Something out of the ordinary. this career was God's answered prayer...", she says. Her job as a marine pilot entails assisting vessels with coming into territorial waters because according to law, vessels entering a country's territorial waters may not progress to the harbor without officials.



Kelly Forsythe is a marine biologist from the Cayman Islands who is currently based in Scotland. As part of the Darwin Initiative team, she helps support conservation projects all over the world. Here we learn about the microaggressions she has faced especially coming from a Caribbean island and her hope for the for black voices and representation in marine science and conservation.

*“To all those young black girls that are thinking about becoming marine scientists - go for it! These women are proof that despite the odds, you can and will make a difference” -- **Kelly Forsythe***

# Sailing to Success and Service!



Cadets attend Women's International Shipping & Trading Association (WISTA) Conference 13

## The Untold History of Women in Science, Math and Technology



Rosalind Franklin

Legend has it that British chemist and DNA researcher Rosalind Franklin knew she wanted to be a scientist since she was 15 years old. That dream went on to become a reality when she was offered a prestigious scholarship to King's College London, where she became an expert in the X-ray crystallography unit.

Ana Roqué de Duprey was born in Puerto Rico in 1853. She started a school in her home at age 13 and wrote a geography textbook for her students, which was later adopted by the Department of Education of Puerto Rico. Roqué had a passion for astronomy and education, founding several girls-only schools as well as the College of Mayagüez, which later became the Mayagüez Campus of the University of Puerto Rico. Roqué wrote the *Botany of the Antilles*, the most comprehensive study of flora in the Caribbean at the beginning of the 20th century, and was also instrumental in the fight for the Puerto Rican woman's right to vote.



Ana Roqué de Duprey



Alice Ball

American chemist Alice Ball was the first woman and first African American to receive a master's from the University of Hawaii and went on to become the university's first female chemistry professor. At just 23 years old, Ball developed a groundbreaking treatment for leprosy -- a disease which previously had little chance of recovery and forced victims into exile.



Tu Youyou

Pharmaceutical chemist Tu Youyou's discovery of a new malaria treatment has saved millions of lives. Tu, who studied traditional Chinese and herbal medicines, found a reference in ancient medical texts to using sweet wormwood to treat intermittent fevers -- a symptom of malaria. Tu and her research team were able to extract a malaria-inhibiting substance called artemisinin (or qinghaosu in Chinese) from wormwood. She even volunteered to be the first human subject to test the substance. Since her discovery of artemisinin in the 1970s, antimalarial drugs based on the substance have saved millions of lives.



Sally Ride

NASA astronaut Sally Ride became the first American woman in space, serving as a mission specialist on the space shuttle Challenger in 1983. At 32 years old, she was also the youngest American to ever leave the atmosphere. (She wasn't the first woman in space, though -- that title belongs to Soviet cosmonaut Valentina Tereshkova.)



Dr. Ellen Ochoa

In 1993, Dr. Ellen Ochoa became the first Hispanic woman to go to space when she served on a nine-day mission aboard the space shuttle Discovery. She has flown in space four times, logging nearly 1,000 hours in orbit. Prior to her astronaut career, she was a research engineer and inventor, with three patents for optical systems. Ochoa is also the first Hispanic (and second female) to be named director of NASA's Johnson Space Center.



Dr. Jane Cooke Wright

Jane Cooke Wright was a pioneering cancer researcher and surgeon noted for her contributions to chemotherapy. In particular, Wright is credited with developing the technique of using human tissue culture rather than laboratory mice to test the effects of potential drugs on cancer cells.

# Sarah Boone (1832–1904)



Sarah Boone was an African American dressmaker who made her name by inventing the modern-day ironing board. In her [patent](#) application, she wrote that the purpose of her invention was "to produce a cheap, simple, convenient and highly effective device, particularly adapted to be used in ironing the sleeves and bodies of ladies' garments." With its approval in 1892, Boone became one of the first African American women to be awarded a patent.



Lydia Villa-Komaroff

Lydia Villa-Komaroff is considered to be a trailblazer in the field of molecular biology. She faced many adversities she faced throughout her lifetime — at one point, an advisor told her that women did not belong in chemistry, fortuitously inspiring her to switch her major to biology — but she pursued her passion in spite of opposition. In 1978, Villa-Komaroff made waves with a published paper detailing her most notable discovery — that bacteria could be engineered to produce human insulin. She currently serves as the Chief Scientific Officer (CSO) at Cytonome/ST.

Isolating enriched uranium was one of the most difficult aspects of the Manhattan Project, which produced the first nuclear bombs during World War II. Wartime labor shortages led the Tennessee Eastman Company to recruit young women, who were mostly recent high school graduates, to operate the calutrons that used electromagnetic separation to isolate uranium. Despite being kept in the dark on the specifics of the project, the “Calutron Girls” proved to be highly adept at operating the instruments and optimizing uranium production, achieving better rates for production than the male scientists they worked with.

## Calutron Girls





Women have been a part of the war effort since the Revolutionary War, but in the early days of our nation they had to cloak themselves in disguise to serve alongside men. When they were accepted into the military, women were given auxiliary roles. As the weapons and methods of warfare changed in the late 20th century, however, the Pentagon began to realize that gender matters less on the battlefield.

GRIEST, KRISTEN M.

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Capt. Kristen Griest and 1st Lt. Shaye Haver made history by becoming the first two women to graduate from the Army Ranger School in August 2015. Graduated in the first year that the Army opened the course to women. About 2015's course, Secretary of the Army John M. McHugh said in a statement, "This course has proven that every Soldier, regardless of gender, can achieve his or her full potential."

The National Museum of Women in the Arts is the only major museum in the world solely dedicated to championing women through the arts. <https://nmwa.org/support/advocacy/5womenartists/>  
Take a tour of the site and enjoy the art.



**Jenny Dorsey** is a professional chef, author and speaker specializing in multi-platform storytelling, fusing food with social good. She leads a nonprofit community organization, Studio ATAO, and runs her own culinary consulting business.



**Wanda Raimundi-Ortiz** is an award-winning interdisciplinary visual and performance artist. She is interested in pop, hip-hop, and comic culture, portraying their intersections in murals, performance, and video-based works. She is the recipient of a 2019–20 Artists-in-Action Award from the Art & History Museums, Maitland; University of Central Florida (UCF) 2018 Women of Distinction Award; UCF LIFE Award; 2018 Research Incentive Award; 2017 UCF Luminary Award; 2016 Franklin Furnace Grant for performance; 2016 United States Artist Fellow nominee; UCF’s 2016 Woman Making History honoree; and many more honors and awards. Raimundi-Ortiz was a class of 2008 Rutgers University Mason Gross School of Art Ralph Bunche Fellow and holds degrees from the Fashion Institute of Technology, the State University of New York and Skowhegan School of Painting and Sculpture. She is an associate professor at the University of Central Florida.



Sonya Clark, *Afro Abe II*, 2012; Five-dollar bill and hand-embroidered thread, 4 x 6 in.; National Museum of Women in the Arts, Gift of Heather and Tony Podesta Collection; © Sonya Y.S. Clark; Photo by Lee Stalsworth

# Women in Music

## Philadelphia Natives



Marian Anderson

Marian Anderson was born in [Philadelphia](#) on February 27, 1897, to John Berkley Anderson (c. 1872–1910) and Annie Delilah Rucker (1874–1964).<sup>[2]</sup> Her father sold ice and coal at the [Reading Terminal](#) in downtown Philadelphia and eventually also sold liquor. Prior to her marriage, Anderson's mother was briefly a student at the [Virginia Seminary and College](#) in [Lynchburg](#) and had worked as a schoolteacher in Virginia. As she did not obtain a degree, Annie Anderson was unable to teach in Philadelphia under a law that was applied only to black teachers and not white ones.<sup>[3]</sup> She therefore earned an income caring for small children. Marian was the eldest of the three Anderson children. Her two sisters, Alyse (1899–1965) and Ethel (1902–90), also became singers. Ethel married James DePreist and their son [James Anderson DePreist](#) was a noted conductor.<sup>[4]</sup>

She was an American [contralto](#). She performed a wide range of music, from [opera](#) to [spirituals](#). Anderson performed with renowned orchestras in major concert and recital venues throughout the United States and Europe between 1925 and 1965.



Patti LaBelle

**Patti LaBelle** (born **Patricia Louise Holte**; May 24, 1944)<sup>[1]</sup> is an American singer, songwriter, actress, and businesswoman. LaBelle began her career in the early 1960s as lead singer and front woman of the vocal group, [Patti LaBelle and the Bluebelles](#). Following the group's name change to Labelle in the 1970s, they released the iconic [disco](#) song "[Lady Marmalade](#)" which later was inducted into the Grammy Hall of Fame. As a result, the group later became the first [African-American](#) vocal group to land the cover of [Rolling Stone](#) magazine and they became the first pop group to play at the [Metropolitan Opera House](#).<sup>[1]</sup>

<https://www.youtube.com/watch?v=vDErZ2IH6bc&feature=youtu.be>

# Women continue to excel in sports!

2018 – The first all-female group crossed Antarctica using muscle power alone; they were all British. [\[213\]](#)

2018 – Katie Sarah, from Australia, became the first woman to summit the highest mountain on every continent and the seven highest volcanic peaks, an accomplishment known as the ‘Seven-Seven’. [\[214\]](#)

2018 – Terra Roam of Australia became the first woman to walk solo and unsupported around Australia. [\[215\]](#)[\[216\]](#)

2018 – [Wendy Tuck](#) of Australia became the first female skipper to win the [Clipper Round the World Yacht Race](#) (or any Round the World yacht race). [\[217\]](#)

2019 – Mariko Yugeta of Japan became the first woman in the world over 60 to run a sub-3-hour marathon; she ran 2:59:15 at the Shimonoseki Kaikyo Marathon at the age of 61. [\[218\]](#)[\[219\]](#)

2019 – Caitlin Nash and Natalie Corless, both of Canada, became the first all-female team to compete in a World Cup doubles race in [luge](#). [\[220\]](#)

2020 - [Lisa Ashton](#) became the first woman to win a [PDC](#) Tour card through Q School. [\[221\]](#)

2020 - [Sabrina Ionescu](#) of the United States became the first [college basketball](#) player to collect 2,000 points, 1,000 assists, and 1,000 rebounds playing for the [Oregon Ducks](#), during her college career at the [University of Oregon](#). [\[222\]](#)



**Sarah Thomas**, who is currently in her sixth season as an NFL referee, will become the first woman to officiate a Super Bowl. It's one of many “firsts” that Thomas has accomplished in her career. In 2015, she was named the NFL's first full-time female official. Thomas made history this year when she became the first woman to referee a Super Bowl.

Valyn Turner  
Young Contemporary Female Poet

[https://youtu.be/EO7k04dc\\_8g](https://youtu.be/EO7k04dc_8g)