WOMEN IN LEADERSHIP 2021
Virtual Premiere May 20

COMPANION GUIDE
SALLYRIDESCIENCE.UCSD.EDU/WIL

A conversation with:
Brittney Cooper • Maria Hinojosa • Kathy Sullivan
Moderated by Lynn Sherr

UC San Diego
SALLY RIDE SCIENCE @ UC SAN DIEGO
WOMEN IN LEADERSHIP
The 2021 Women in Leadership conversation honors the legacy of Sally Ride, the first American woman in space, and also celebrates the 20th anniversary of Sally Ride Science. The virtual panel discussion brings together trailblazers who have shattered barriers and paved the way for women across the globe. Through a candid and timely discussion, the panelists will share their personal stories and vision of how women can help lead our nation to a better future.

PRESENTERS
Pradeep K. Khosla, Chancellor, UC San Diego
Elizabeth H. Simmons, Executive Vice Chancellor for Academic Affairs, UC San Diego
Becky R. Petitt, Vice Chancellor for Equity, Diversity and Inclusion, UC San Diego
Tam O’Shaughnessy, Cofounder and Executive Director, Sally Ride Science at UC San Diego

MODERATOR
Lynn Sherr, Author and Award-Winning Journalist

PANELISTS
Brittney Cooper, Feminist Scholar and Author
Maria Hinojosa, Award-Winning News Anchor and Reporter
Kathy Sullivan, Trailblazing Astronaut and Scientist

COMPANION GUIDE CONTRIBUTORS
Dr. Edward Abeyta, Associate Dean, Education and Community Outreach, UC San Diego Extension
Morgan Appel, Assistant Dean, Education and Community Outreach, UC San Diego Extension
Margaret King, Writer and Editor, Sally Ride Science at UC San Diego
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Women in Leadership celebrates Sally Ride’s life by reflecting the things she cared about. Sally was an athlete, a physicist, a space pioneer, an author and a champion of diversity in science education and careers. And in each of these areas, she was a leader. This year, amid a national reckoning over bias and injustice, Sally’s advocacy for equity and inclusion resonates more than ever.

Sally Ride Science hosted the first Women in Leadership conversation in 2018 at UC San Diego to mark the release of a US Postal Service Forever stamp honoring Sally. Panelists were tennis legend Billie Jean King, pioneering astronaut Ellen Ochoa and former US Secretary of State Condoleezza Rice. Journalist Lynn Sherr was the moderator. The discussion was thought-provoking, uplifting and sometimes laugh-out-loud funny.

The success of that evening inspired UC San Diego to make Women in Leadership an annual tradition. The 2019 panel featured Girl Scouts CEO Sylvia Acevedo, former first daughter Chelsea Clinton and astrophysicist Jedidah Isler, with Sherr returning as moderator. The panelists shared stories of overcoming personal obstacles as they discussed ways to empower girls and women to become leaders.

The 2020 event was canceled due to the coronavirus. This year, Women in Leadership returns as a virtual conversation. The panel brings together leaders from diverse fields who share a passion for justice, equity and inclusion for all people.

Brittney Cooper is a feminist scholar and New York Times bestselling author. She’s also an activist and cultural critic, nationally known for her commentary on race, gender, and politics.

Maria Hinojosa is an award-winning journalist with acclaimed programs on NPR and PBS. She makes a point of telling the stories of people and communities overlooked by the media.

Kathy Sullivan is a scientist and former astronaut famous for breaking barriers. She was the first American woman to walk in space and, 36 years later, the first woman to dive to the deepest part of the ocean.

Lynn Sherr, our moderator, is a journalist and the author of “Sally Ride: America’s First Woman in Space.” She’s also an expert on women’s suffrage and cohost of the podcast She Votes!

This year’s panelists and moderator will share personal stories of surmounting obstacles to become leaders in their fields. They will also offer their perspectives on the role women of all backgrounds can play in overcoming the challenges facing our divided nation.

Tam O’Shaughnessy
Cofounder, Sally Ride Science, and Executive Director, Sally Ride Science at UC San Diego
SALLY RIDE
(1951-2012)

Sally Ride blasted off aboard space shuttle Challenger in 1983 to become the first American woman in space. People saw her as a symbol of how women could break barriers. But her historic flight was just one aspect of a remarkable life. She was also an athlete, a physicist, a science writer and a leader in science education.

Ride was born in Los Angeles on May 26, 1951. As a child, she loved sports and science. She played competitive tennis and considered becoming a professional tennis player. Instead she decided to study physics.

While she was finishing her PhD at Stanford University in 1977, she saw an article in the student newspaper. It said NASA was looking for new astronauts. For the first time, women could apply. Ride realized at that moment that she wanted to fly in space. She wrote a letter to NASA the same day. The space agency chose her and five other women to become astronauts.

NASA picked Ride as the first of the new female astronauts to be part of a space shuttle crew. After months of training, she launched aboard Challenger on June 18, 1983. She was not just the first American woman in space. She was also the youngest American ever to fly in space.

She flew on Challenger again in 1984. She was training for a third mission in 1986 when Challenger exploded after launch. All seven astronauts on board died. Ride served on the commission that investigated the tragedy. In 2003, she also helped investigate the shuttle Columbia disaster.

Ride served as the first director of NASA’s Office of Exploration. There, she wrote an important report on America’s future in space. Then in 1987, she retired from NASA. She became a physics professor at UC San Diego. She also worked with her life partner, Tam O’Shaughnessy, to write science books for young people.

Ride thought a lot about why there were so few women in science careers. She decided to use her famous name to inspire girls in science. In 2001, she joined with O’Shaughnessy and three friends to start Sally Ride Science. The company created programs to get students excited about science. Ride ran the company until her death from pancreatic cancer on July 23, 2012.

Sally Ride received many honors. A year after her death, President Barack Obama awarded her the Presidential Medal of Freedom. In 2016, the Navy named a new research ship in her honor. The R/V Sally Ride is operated by Scripps Institution of Oceanography at UC San Diego. In 2018, the US Postal Service issued a stamp with Ride’s picture on it. This year, the US Mint announced it will release a Sally Ride quarter.
STUDENT ACTIVITY: WHAT WOULD YOU LIKE TO ASK SALLY RIDE?

ELEMENTARY
 Watch a video about Sally Ride from the 2019 Women in Leadership event: youtube.com/watch?v=4hU5pO5QleY

Imagine you are a reporter writing about the space program when Sally Ride first flew in space. What are three questions you would like to ask Sally?

MIDDLE SCHOOL
 Watch a video from National Geographic about Sally Ride’s first spaceflight: nationalgeographic.com/history/article/sally-ride-blazed-trail-women-astronauts

Imagine you are a reporter covering the space program in 1983, when Sally Ride first flew in space. Come up with five questions you would like to ask Sally.

HIGH SCHOOL
 Watch an animated video of feminist icon Gloria Steinem interviewing Sally Ride in 1983: youtube.com/watch?v=c9eZ5HktBif&t=5s

Reporters asked Sally some dumb questions before she flew in space. Discuss with your classmates: How have attitudes toward trailblazing women changed since 1983? How have they remained the same? Imagine you are a reporter covering the space program in 1983. What are five smart questions you would like to ask Sally?
The story of Sally Ride Science began 20 years ago, in 2001. Pioneering astronaut Sally Ride had retired from NASA and was teaching physics at UC San Diego. She decided the time had come to use her fame for a cause she cared about – promoting diversity in science and engineering.

She cofounded Sally Ride Science to inspire all students, especially girls, in science. Ride knew her historic spaceflight had made her a role model for young girls everywhere. She liked to say, “You can’t be what you can’t see.” One of her goals for the new company was to tell the stories of diverse scientists. She wanted girls and boys of all backgrounds to be able to see themselves in science careers.

Founding Sally Ride Science was a team effort. Joining Ride as founders were her life partner, Tam O’Shaughnessy, who has a PhD in school psychology, and three colleagues: Karen Flammer, a UC San Diego physicist; Terry McEntee, Ride’s executive assistant; and Alann Lopes, a tech expert.

Ride served as CEO of Sally Ride Science, taking a hands-on role in all aspects of the La Jolla-based company. “I felt that this was something that was really worth using my name and using the visibility that I could bring to it,” she said. “It felt worthwhile.”

Over the years, Sally Ride Science created acclaimed STEM programs that reached students and educators across the country. This year, as it celebrates its 20th anniversary, Sally Ride Science carries on the late astronaut’s educational legacy as part of UC San Diego.

Under the direction of UC San Diego Extension, the former company is now a nonprofit offering innovative STEM (science, technology, engineering and math) programs for students, educators and the community. Dr. Edward Abeyta, Extension’s associate dean for Education and Community Outreach, oversees Sally Ride Science programs. O’Shaughnessy is executive director.

**Sally Ride Science at UC San Diego Key Programs**

- **Sally Ride Science Junior Academy**: Launched in 2016, the annual summer program offers dozens of STEAM (STEM plus arts) workshops for elementary, middle school and high school students. Nearly 1,500 students have taken part, many on scholarships. This year’s academy, from July 12 to August 6, will be held online.

- **Library NExT**: Through a partnership between San Diego Public Library and Extension, Sally Ride Science presents free workshops in library branches around the city. The workshops started in 2017 in six library branches and gradually expanded to 23 branches. Workshops currently are online due to the pandemic.

- **Online Teacher Training**: Extension offers online professional development for educators based on curriculum developed by Sally Ride Science. Offerings include “Ignite Student Interest in STEAM” and “Teaching STEM Using the 5Es.”
STUDENT ACTIVITY: DRAW A SCIENTIST

ELEMENTARY
1. Draw a picture of a scientist.
2. Compare your drawing with those of other students. Talk about why you drew your scientist the way you did.

MIDDLE SCHOOL
1. Draw a picture of a scientist that shows what you know about scientists and their work.
2. Write a short explanation of what the scientist in your picture is doing.
3. Compare your drawing with those of other students. Discuss what your drawings show about how you think of scientists.

HIGH SCHOOL
1. Draw a picture of a scientist that shows what you know about scientists and their work.
2. Write an explanation of why you drew the scientist as you did.
3. Below is a list from the National Science Teaching Association of characteristics common in students’ drawings of scientists. How many of these appear in your drawing? Compare drawings with classmates and discuss what stereotypes the drawings show.

- Male
- White
- Indications of danger
- Presence of lightbulbs
- Mad, crazed
- Indications of secrecy
- Indoors
- Middle aged/elderly

TEACHER’S NOTE
For decades, researchers have been asking students to “draw a scientist.” In the 1950s, students uniformly saw a scientist as a middle-aged, white male wearing glasses and a white coat, working alone in a lab. Some students have moved beyond such stereotypes, but many still envision scientists that way.

To counter stereotypes about who belongs in science careers, discuss with students what real-world STEM careers are like.
- Science and technology have advanced through the contributions of many different women and men from different social and ethnic backgrounds, with diverse interests and talents.
- Some scientists work in teams, and some work alone, but all scientists communicate extensively with others.
- Science relies on basic human qualities such as reasoning, insight, energy, skill and creativity, as well as intellectual honesty, tolerance of uncertainty and openness to new ideas.
FINDING A HOME AT UC SAN DIEGO

Sally Ride spent almost two decades as a physics professor at UC San Diego. She felt a close connection to the university’s values and goals. So it was fitting that, three years after Ride’s death, Sally Ride Science relaunched as part of UC San Diego. The company became a nonprofit entity, Sally Ride Science at UC San Diego, in 2015. Today, in its 20th year, Sally Ride Science continues to build on Ride’s work by creating programs to promote equity and inclusion in STEM.

The partnership makes perfect sense, said Dr. Edward Abeyta. As UC San Diego Extension’s associate dean for Education and Community Outreach, he oversees Sally Ride Science’s programs. “A key goal of UC San Diego’s Strategic Plan is cultivating a diverse and inclusive university community that takes bold actions to ensure learning is accessible and affordable to all,” he said. “Sally Ride Science connects directly to this goal by offering programs that provide additional educational access to key target groups, including girls, at-risk youth and first-generation students.”

RESEARCH SHIP HONORS SALLY RIDE’S LEGACY

After Sally Ride died in 2012, the US Navy wanted to honor her. In 2013, the Navy announced it would name a new research vessel after Ride. Research vessel Sally Ride was commissioned in San Diego in 2016. The ship is operated by Scripps Institution of Oceanography at UC San Diego. It is one of the most advanced research vessels in the world. R/V Sally Ride carries scientists around the world to study Earth’s oceans and atmosphere. This research helps us understand climate change and other challenges to the environment.
STUDENT ACTIVITY: PLAN AN OCEAN RESEARCH VOYAGE

ELEMENTARY
Watch a video from Scripps Institution of Oceanography about R/V Sally Ride:
youtube.com/watch?v=YgZ_LLnWsPU&t=117s

Imagine you are a scientist sailing on R/V Sally Ride. What would you like to study on
an ocean voyage? Draw a picture of what you would do on the ship. Write a caption
explaining your picture.

MIDDLE SCHOOL
Watch a video from KPBS news about a research expedition aboard R/V Sally Ride:
youtube.com/watch?v=W1wBw2ahtfw

Scientists aboard R/V Sally Ride study many things, including ocean chemistry, the
impact of pollution and the health of ocean life. If you were a scientist aboard R/V Sally
Ride, what would you like to study? Write a paragraph describing your research voyage.

HIGH SCHOOL
Watch “Honoring Sally,” a UCTV video about how R/V Sally Ride honors Sally’s legacy:
uctv.tv/shows/Honoring-Sally-Tam-OShaughnessy-Aboard-the-R-V-Sally-Ride-31454

Scientists aboard the ship do research that sheds light on climate change, the impact of
air pollutants, the health of ocean ecosystems and much more. If you were a scientist
aboard R/V Sally Ride, what would you like to study? Do some research and write a plan
for a two-week scientific expedition.
Pradeep K. Khosla, UC San Diego’s eighth Chancellor, is an internationally renowned electrical and computer engineer recognized for his seminal contributions in secure software, intelligent robot systems and design. As UC San Diego’s chief executive officer, he provides vision and strategy for the university, leading a campus with more than 40,000 students, seven undergraduate colleges, six academic divisions, six graduate and professional schools, a preeminent Health System and the prestigious Scripps Institution of Oceanography. Khosla has positioned UC San Diego to define the future of the public research university by activating the institution’s first-ever Strategic Plan and launching the Campaign for UC San Diego—an ambitious and bold $2 billion endeavor—aimed at transforming the university, physically and intellectually. Khosla has expanded college access and affordability for underserved populations, initiated interdisciplinary research initiatives to foster collaboration and solve societal challenges, and strengthened university and community relationships and partnerships.

Dr. Elizabeth H. Simmons is the Executive Vice Chancellor for Academic Affairs and a Distinguished Professor of Physics at UC San Diego. She is the institution’s second-ranking executive officer and serves as the university’s chief academic officer. Dr. Simmons previously served as Associate Provost for Faculty and Academic Staff Development, Dean of Lyman Briggs College, and University Distinguished Professor of Physics at Michigan State University (MSU). She is a theoretical high-energy physicist and is currently studying how physics beyond the Standard Model might manifest in experiments in progress at the CERN Large Hadron Collider. She enjoys teaching physics courses at all levels, from introductory to graduate, and a central tenet of her mission as an educator is to encourage students from groups underrepresented in physics to consider studies and careers in the physical sciences.
BECKY R. PETITT

Dr. Becky Petitt joined UC San Diego as Vice Chancellor for Equity, Diversity and Inclusion in March 2015. She brings over 25 years of progressive administrative experience in equity, diversity, and inclusion work across the higher education community. Prior to UC San Diego, she served as the Associate Vice President and Chief of Staff for the Office of Diversity at Texas A&M University, and served as adjunct faculty in the College of Education and Human Development with scholarship focused on diversity in higher education, cultural competence, organizational development, and inclusive teaching and learning.

As a scholar-practitioner, Dr. Petitt provided vision and leadership for Texas A&M University’s Diversity Plan, which is acknowledged as a national exemplar of sustainable institutional change. She is a nationally recognized consultant, specializing in equity and diversity in higher education, organizational learning and organizational change. Her influence extends across the academy and well beyond. She holds a bachelor of science in psychology and received both a master’s and doctorate in education from Texas A&M University.

TAM O’SHAUGHNESSY

Tam O’Shaughnessy is cofounder and executive director of Sally Ride Science at UC San Diego. She grew up in California and played on the fledgling Women’s Tennis Association professional tour from 1971 to 1974. Later, she earned Bachelor’s and Master’s degrees in biology from Georgia State University. After receiving her doctorate in school psychology from UC Riverside, she became a professor in that field at San Diego State University.

O’Shaughnessy was the life partner of Sally Ride, America’s first woman in space. In 2001 Ride and O’Shaughnessy joined with three friends to found Sally Ride Science in order to promote science literacy and diversity in STEM fields. O’Shaughnessy served as the company’s chief creative officer and later as chief operating officer, chair of the Board of Directors and chief executive officer. She is also an award-winning author who has written 14 children’s books, including six with Ride.
Brittney Cooper is associate professor of Women’s and Gender Studies and Africana Studies at Rutgers University. She is a widely sought-after public speaker at universities throughout the country. She is also an in-demand commentator for radio, podcasts and television.

Her work and words have appeared on MSNBC, BET, NPR and PBS and in The New York Times, the Los Angeles Times, TV Guide, New York Magazine, Salon.com, The Root (root.com) and Al Jazeera America, among many others. She is a regular contributor at Cosmpolitan.com and cofounder of the Crunk Feminist Collective and blog.


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In her book “Eloquent Rage: A Black Feminist Discovers her Superpower,” Brittney Cooper argues that anger can be a “superpower.” It gives her and other Black women strength to keep fighting for equality.

**ELEMENTARY**
Imagine you could have a superpower to use to do good things. What power would you have? Draw a picture showing your superpower in action. Write about what you would do with your power.

**MIDDLE SCHOOL**
Imagine a superhero who uses anger as a superpower for good. Draw a comic strip showing this superhero in action.

**HIGH SCHOOL**
Write a paragraph about a time when you used anger in a positive way. Or, write a paragraph about a way in which you could harness anger to achieve something positive.
MARIA HINOJOSA
Award-Winning News Anchor and Reporter

As a reporter who was the first Latina in many newsrooms, Maria Hinojosa dreamt of a space where she could create independent, multimedia journalism that explores and gives a critical voice to the diverse American experience. She made that dream a reality in 2010 when she created Futuro Media, an independent, nonprofit newsroom based in Harlem, NYC with the mission to create multimedia content from a POC perspective. Futuro does this in the service of empowering people to navigate the complexities of an increasingly diverse and connected world.

As the Anchor and Executive Producer of the Peabody Award-winning show Latino USA, distributed by PRX, as well as Co-Host of In The Thick, the Futuro Media’s award-winning political podcast, Hinojosa has informed millions about the changing cultural and political landscape in America and abroad. She is also a contributor to the long-running, award-winning news program CBS Sunday Morning and a frequent guest on MSNBC.

Hinojosa’s nearly 30-year career as an award-winning journalist includes reporting for PBS, CBS, WNBC, CNN, NPR, and anchoring the Emmy Award winning talk show from WGBH Maria Hinojosa: One-on-One. She is the author of two books and has won dozens of awards, including: four Emmys, the John Chancellor Award, the Studs Terkel Community Media Award, two Robert F. Kennedy Awards, the Edward R. Murrow Award from the Overseas Press Club, and the Ruben Salazar Lifetime Achievement Award from the NAHJ. She has been honored with her own day in October by New York City Mayor Bill De Blasio and has been recognized by People En Español as one of the 25 most powerful Latina women. Additionally, Hinojosa was the first Latina to anchor a PBS FRONTLINE report: "Lost in Detention" which aired in October 2011 and was the first to explore abuse at immigrant detention facilities, garnering attention from Capitol Hill as well as both the mainstream and Spanish-language media.

As a reporter for NPR, Hinojosa was among the first to report on youth violence in urban communities on a national scale. During her eight years as CNN’s urban affairs correspondent, Hinojosa often took viewers into communities rarely shown on television and continued that work longform on Now on PBS. At Futuro Media, Hinojosa continues to bring attention to experiences and points of view that are often overlooked or underreported in mainstream media, all while mentoring the next generation of diverse journalists to delve into authentic and nuanced stories. In 2018 she was a Fellow at Shorenstein Center at the Harvard Kennedy School and is a frequent speaker across the country. In 2019, she was named the inaugural Distinguished Journalist in Residence at her Alma Mater, Barnard College. She lives in New York City with her husband and two children.

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As a journalist, Maria Hinojosa tells the stories of people and groups not usually covered by the media. She has reported on Black millennial activists, immigrants in detention and gang members, among other groups.

**ELEMENTARY**
Watch a short video about Maria Hinojosa’s PBS show “America by the Numbers”:
[pbs.org/wgbh/america-by-the-numbers/video/](https://pbs.org/wgbh/america-by-the-numbers/video/)

Imagine you are a news reporter. Write a story about a group you think people should know more about. It might be a club at your school or a team you belong to. Draw pictures to go with your story.

**MIDDLE SCHOOL**
Watch an episode of Maria Hinojosa’s PBS show “America By the Numbers” about a Native American community affected by an oil boom:

Imagine you are a TV or radio reporter. Write a script for a news story about a group in your community that not many people know about. It could be an ethnic group, a service club or a sports league. Take turns presenting your script to your classmates and giving feedback on their scripts.

**HIGH SCHOOL**
Choose at least one episode of Maria Hinojosa’s PBS show “America By The Numbers” and watch it:
[pbs.org/wgbh/america-by-the-numbers/episodes/](https://pbs.org/wgbh/america-by-the-numbers/episodes/)

Think of a group in your community or anywhere in the nation that is often overlooked or ignored. This might be an ethnic group, an age group, people with a certain disability, people working for a particular cause or any other group you can think of.

Write a script for a TV or radio newscast about the overlooked group. In your script, explain why this group is ignored and why people should know about this group. Take turns presenting your newscast to your classmates and offering constructive comments on their scripts.
KATHY SULLIVAN  
Trailblazing Astronaut and Scientist

Dr. Kathryn Sullivan has had a long career as a distinguished scientist, astronaut and executive. She was one of the first six women to join the NASA astronaut corps in 1978 and holds the distinction of being the first American woman to walk in space. Her submersible dive to the Challenger Deep in June of 2020 made her the first person to both orbit the planet and reach its deepest point, as well as the first woman to dive to full ocean depth.

Sullivan has held a variety of senior executive positions since leaving NASA, including presidential appointments to the National Science Board and as chief scientist and deputy administrator, and later administrator, of the National Oceanic and Atmospheric Administration (NOAA). She currently serves on the boards of International Paper, Accenture Federal Services, the National Audubon Society and Terra Alpha Investments, and is a senior fellow at the Potomac Institute for Policy Studies.

Dr. Sullivan earned a Bachelor of Science degree in Earth sciences from the University of California at Santa Cruz and a Ph.D. in geology from Dalhousie University, Nova Scotia. She is a member of the National Academy of Engineering, the American Academy of Arts and Sciences, and the National Academy of Public Administration. She has been inducted into the Astronaut Hall of Fame, Government Executive Hall of Fame, Women Aviators Hall of Fame, Women Divers Hall of Fame and Ohio Veterans Hall of Fame. She was recognized as one of the 46 distinguished First Women by Time magazine (2017), one of the 15 Women Changing the World by the World Economic Forum (2015) and one of Time’s 100 Most Influential People (2014). She has been awarded the Explorers Club Medal, the Rachel Carson Award, an Emmy and nine honorary degrees.

She is the author of the children’s book “To the Stars!” (Charlesbridge Press, 2016) and “Handprints on Hubble: An Astronaut’s Story of Invention” (MIT Press, 2019).

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In 1984, Kathy Sullivan became the first American woman to perform a spacewalk. Then in 2020, she became the first woman to dive to the Challenger Deep, the deepest part of the ocean.

**ELEMENTARY**

Draw a picture showing Kathy’s adventures. Show her on a spacewalk during a space shuttle mission. Show her diving to the ocean floor in a two-person submersible. Write captions for your pictures.

**MIDDLE SCHOOL**

Create a scientific illustration showing Kathy’s two achievements. Show her on a spacewalk during her shuttle mission in 1984 and during her dive to the ocean floor in 2020. Use labels and captions to explain your illustration. You can find information about Kathy’s dive and spacewalk in the infographic *The Most Vertical Person on Earth* by James Round. (Scroll down to see the full infographic.)

**HIGH SCHOOL**

Create an infographic with captions explaining Kathy’s two achievements. You can use information from the infographic *The Most Vertical Person on Earth* (scroll down to see the full infographic) and do some additional research. Help people understand the heights and depths Kathy reached by using comparisons such as the altitude of the International Space Station and the depth of the deepest sea life.

Note that Kathy’s spacewalk during her 1984 mission on space shuttle *Challenger* took place at an altitude of 140 miles. Her dive to the Challenger Deep in the two-person submersible *Limiting Factor* reached a depth of 6.8 miles. You can use different scales to show the spacewalk and the deep-sea dive.

**PHOTOS (TOP TO BOTTOM)**

1. Space shuttle Challenger orbits Earth. [NASA photo](#)
2. Kathy walks in space in 1984. [NASA photo](#)
3. Kathy dove to the Challenger Deep in the two-person submersible *Limiting Factor*. [Caladan Oceanic photo](#)
LYNN SHERR
Author and Award-Winning Journalist

Award-winning broadcaster and author Lynn Sherr is now a podcaster, co-hosting (with Pulitzer-Prize-winning columnist Ellen Goodman) She Votes!, celebrating the centennial of the Woman Suffrage Amendment and examining the ongoing role of women in politics.

Sherr spent more than 30 years with ABC News covering a wide range of stories – from women's issues and social change to investigative reports, politics, science and the space program – at “20/20” and World News. Her writing has appeared in numerous publications, including The New York Times, The Washington Post and Parade (cover stories on President and Mrs. Obama, then-Vice President Biden and Dr. Jill Biden, Mitt Romney, Neil deGrasse Tyson and Ina Garten, among others), as well as in Swimmer magazine. She continues to broadcast on a variety of platforms, to write for magazines and online, and to lecture across the country.

During the 2016 presidential campaign, she wrote a number of opinion columns for various online sites, including BillMoyers.com, where her articles are still archived. Her biography “Sally Ride: America's First Woman in Space” was published in 2014. Among its other honors, the book was a New York Times bestseller, and was a Best Book of the Year for the Washington Post and the Los Angeles Times.

Widely acknowledged as a biographer and expert on the life of Susan B. Anthony and the suffrage movement, Sherr is also the author of a number of other bestselling books, including “SWIM: Why We Love the Water” (PublicAffairs, 2015); “Outside the Box: My Unscripted Life of Love, Loss and Television News” (Modern Times, 2006); “Failure Is Impossible: Susan B. Anthony in Her Own Words” (Crown, 1996); and “Tall Blondes: A Book About Giraffes” (Andrews McMeel Publishing, 1997), which was also the subject of a one-hour documentary she hosted for the PBS “Nature” program. Sherr also wrote (with coauthor Jurate Kazickas) “Susan B. Anthony Slept Here: A Guide to American Women’s Landmarks” (Three Rivers Press, 1994).

A regular speaker on the lecture circuit, Sherr has also covered topics including her personal experience with cancer, the connection of ancient Greece to modern times and the saga of her own career in television news. She has also written a one-act play about Susan B. Anthony.

TWITTER: @LynnSherr
Lynn Sherr has written books and created a podcast about women's struggle for the right to vote. Above is a poster from the women's suffrage movement. You can find more posters online.

**ELEMENTARY**

*The Magic Sash* is a podcast from the National Park Service. It is about how women won the right to vote. Listen to the first two episodes. Imagine you are living in the late 1800s. Make a poster in support of women's right to vote.

**MIDDLE SCHOOL**

Read *Getting the Vote* from Time for Kids. Imagine you are living in the 1800s, when women were fighting for the right to vote. Make a poster in support of the women's suffrage movement.

**HIGH SCHOOL**

Listen to the first Episode of Lynn Sherr’s podcast *She Votes!* Then imagine you are living in the late 1800s, when women were fighting for the right to vote. Design a poster supporting the women's suffrage movement. Or design a poster supporting voting rights in today's political landscape.
BILLIE JEAN KING

King achieved tennis immortality by winning 39 Grand Slam titles in singles and doubles competition. She struck a memorable blow against sexism in sports when she defeated Bobby Riggs in the Battle of the Sexes tennis challenge in 1973. King has long been a crusader for equality for women in sports and for social justice in all areas of life.

ELLEN OCHOA

Ochoa became the first Hispanic woman in space aboard shuttle Discovery in 1993. Before becoming an astronaut, she was a research engineer at NASA’s Ames Research Center. During four spaceflights, she logged nearly 1,000 hours. She became director of Johnson Space Center in 2013, retiring in 2018. She currently serves as chair of the National Science Board.

CONDOLEEZZA RICE

Rice served as US secretary of state under President George W. Bush from 2005 to 2009. She was the first African American woman to hold the post. She also served as Bush’s national security advisor from 2001 to 2005, becoming the first woman to hold that position. Rice is currently a professor of political science at Stanford University and director of the Hoover Institution.
Watch a video of the US Postal Service stamp release ceremony, held just before the 2018 Women in Leadership conversation: uctv.tv/shows/Sally-Ride-Forever-Stamp-Dedication-Ceremony-33665

During the ceremony, Ellen Ochoa talks about how Sally Ride encouraged and inspired female astronauts who came after her. “As much in demand as she was, she always made time to meet with young women who dreamed of becoming astronauts,” Ochoa says.

**STUDENT ACTIVITY:**

**WHO INSPIRES YOU?**

**ELEMENTARY**
Think of someone who inspires you. Make a thank-you card for this person. In the card, explain how the person has helped you do your best.

**MIDDLE SCHOOL**
Choose a person, either a famous person or someone you know, who has inspired you. Write a thank-you note to this person, explaining what you have learned from them and how it has helped you.

**HIGH SCHOOL**
Choose a person, either a historical figure or someone you know, who has inspired or encouraged you in school or in another area of your life. Write a paragraph about this person, explaining why you admire them and how they have motivated you to achieve your goals.
Acevedo was chief executive officer of Girl Scouts of the USA from 2017 to 2020. Previously, she was a rocket scientist at NASA’s Jet Propulsion Laboratory. She also served in executive and engineering roles at Apple, Dell and IBM. She was chair of President Obama’s White House initiative for educational excellence for Hispanics in early childhood.

As vice chair of the Clinton Foundation, Clinton works to create greater opportunities for people to build better futures for themselves, their families and their communities. In addition, she is the author of several best-selling children’s books, including “She Persisted: 13 American Women Who Changed the World.”

Isler is an assistant professor of astrophysics at Dartmouth College, where she explores the physics of blazars – supermassive black holes that create particle jets moving at nearly the speed of light. She is an advocate of inclusion and empowerment in STEM fields through her STEM en Route to Change (SeRCH) Foundation, Inc., which uses STEM as a pathway for social justice.

Lynn Sherr notes that Sally Ride was chosen as an astronaut partly because she was good at tennis. Being an athlete with good hand-eye coordination helped her in space. Lynn asks each panelist to talk about how an outside interest has helped her excel in her field.

Jedidah Isler says she gets new ideas about astrophysics by talking to experts in other fields.

Chelsea Clinton says taking ballet lessons taught her time management and resilience.

Sylvia Acevedo tutored a child, and the experience gave her an idea for a project to provide books and supplies for students in need.

**ELEMENTARY SCHOOL**
Think of an activity you do, such as playing a musical instrument or belonging to a club. What do you learn from this activity that helps you in school? Draw a picture of yourself doing this activity. Write a caption telling what you have learned from this activity.

**MIDDLE SCHOOL**
Think of a hobby or activity you do that teaches you skills you can use in school or other parts of your life. Maybe playing a sport shows you how to work as part of a team, or playing a video game makes you better at solving problems. Write a paragraph about this activity and how it helps you.

**HIGH SCHOOL**
Think of an extracurricular activity you do that teaches you skills you can use in other aspects of your life, particularly in school. Maybe tutoring younger students gives you a chance to review basic math and science concepts, or taking part in robotics competitions teaches you coding skills you can apply in your classes. Write a one-page essay about what you learn from your activity and how you apply those lessons.