

Katherine Johnson

"I like to learn. That's an art and a science."



Credit: Jordan Strauss/Invision/AP

- Mathematician
- Math for spacecraft trajectory (path) for first American in space and moon missions
- Overcame racial barriers
- Received Presidential Medal of Freedom

Eleanor Foraker



Credit: Maverick Books

- Seamstress at International Latex Corporation
- Chosen to help make spacesuits for the moon
- Helped make a strong, flexible spacesuit
- 21 layers of material
- Had to be perfectly made by hand

Peggy Whitson

"Know what it is that drives you - motivates you - and pursue it. Endeavor to work to make it happen."



Credit: Gagarin Cosmonaut Training Center/NASA

- Astronaut
- Longest total time in space by an American astronaut (666 days)
- First woman to be Commander of the International Space Station
- First female Chief of the Astronaut Office (controls all astronaut activities)

Andrea Ghez

"One of the things I love about science is that you always end up with new questions."



Credit: Annette Buhl

- Astronomer
- Won the Nobel Prize in Physics 2020
- Fourth woman to receive this award
- Used telescopes to study orbits of stars
- Discovered the black hole in the middle of our Milky Way galaxy

MiMi Aung

"Don't doubt yourself. Don't let anybody doubt you. When you believe you that you can do it, absolutely do it."



Credit: EFE

- Engineer
- Lead of Ingenuity Mars helicopter
- First flight on another planet
- Sent technology on Perseverance Mars rover

Holly Ridings

"I've never met a problem that I am not going to try to solve."



Credit: NASA

- NASA mission control
- First female Chief Flight Director
- Helps control International Space Station, commercial spaceflight, future moon missions
- Leads team to fix any problems with spaceflight

Mary Golda Ross

"I was the only female in my class...But I could hold my own with them and sometimes did better."



Credit: Time, NASA

- First known female, Native American engineer
- Designed planes and rockets
- The only woman on a team that designed a jet plane
- Did work with possible flight paths to Mars and Venus

Ellen Ochoa

"The opportunities I had were a result of having a good educational background. Education is what allows you to stand out."



Credit: NASA

- Astronaut
- First Hispanic woman to go to space
- First time a spacecraft attached to the International Space Station
- Director of the Johnson Space Center with work on Orion spacecraft