

FAMOUS WOMEN IN STEM

PRESENTED BY SHE



ADA LOVELACE

- 1815-1852
- She was one of the first programmers
- She published the first algorithm for a machine



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ELIZABETH BLACKWELL

- 1821-1910
- She was the first woman in the U.S. to receive a medical degree
- She was celebrated with the Elizabeth Blackwell Medal which is awarded to women in medicine



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LISE MEITNER

- 1878-1968
- She contributed to the discovery of nuclear fission
- She was the second female in the world to get a doctorate in physics



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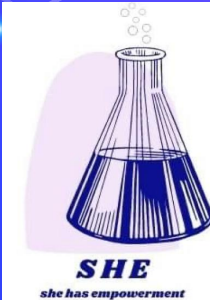


GRACE HOPPER

- 1906-1992
- She was the pioneer of computer programming
- She devised the theory of machine independent programming languages



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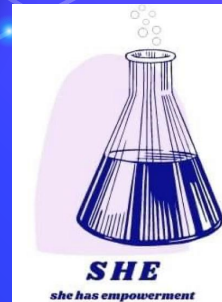


CHIEN-SHIUNG WU

- 1912-1997
- She developed gaseous diffusion for the Manhattan Project
- She is nicknamed the “First Lady of Physics”

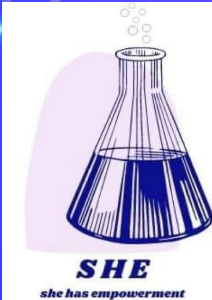


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HEDY LAMARR

- 1914-2000
- She developed a radio guidance system using spread spectrum technology
- Her inventions were used to create WIFI



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DOROTHY LAVINIA BROWN

- 1914-2004
- She was the first female African American surgeon in the South
- She fought for women's rights and the rights of POC in Tennessee legislature



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KATHERINE JOHNSON

- 1918-2020
- She was one of the first female African American mathematicians who worked for NASA
- She pioneered the use of computers to perform orbital calculations



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ROSALIND FRANKLIN

- 1920-1958
- She discovered the shape of DNA using X-ray crystallography
- She was never recognized for her work while she was alive



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STEPHANIE KWOLEK

- 1923-2014
- She was an American chemist who invented Kevlar
- She was the fourth woman added to the National Inventors Hall of Fame



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TU YOUYOU

- 1930-now
- She discovered the drugs used to treat malaria
- She received the Nobel Prize in Physiology or Medicine in 2015



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GLADYS WEST

- 1930-now
- She was vital to the invention of the GPS
- She was inducted into the U.S. Air Force Hall of Fame



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SALLY RIDE

- 1951-2012
- She was the first American female astronaut in space
- She was an astrophysicist researching the interaction between interstellar x-rays



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MAE C. JEMISON

- 1956-now
- First Black woman to travel to space
- She was also an engineer and doctor for the Peace Corps



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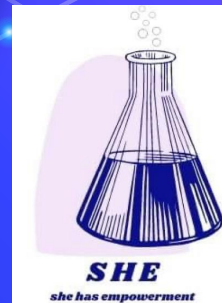


ELLEN OCHOA

- 1958-now
- She was the first Hispanic woman in space
- She was the first Hispanic and second female director of Johnson's Space Center



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KALPANA CHAWLA

- 1961-2003
- She was the first Indian-born female to go to space
- She was awarded the Congressional Space Medal of Honor



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generation of women in STEM

