

March 2023 Diversity Message

As Women's History month comes to a close, I want to leave you with a few accomplishments of women in Aviation, Space and STEM.

The Curie's

I am sure you all know that Marie Curie received the Nobel Prize in Physics in 1903 along with her husband Pierre for their study into the spontaneous radiation discovered by Becquerel. Marie also received the Nobel Prize in Chemistry in 1911, in recognition of her work in radioactivity.

Their oldest daughter, Irene, received the Nobel Prize in Chemistry in 1935. Her earlier research was instrumental in the creation of the atomic bomb.

Their younger daughter Eve's husband Henry Richardson Labouisse Jr, received the Nobel Peace Prize in 1965, on behalf of UNICEF.

Mae Jemison

An American physician and the first African American woman to become an astronaut.

Jane Goodall

A British ethologist most famously known for her work on the chimpanzees of the Gombe Stream National Park in Tanzania.

Ana Roque de Duprey

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.

Maryam Mirzakhani

Maryam Mirzakhani was a highly-decorated mathematician who believed "you have to spend some energy and effort to see the beauty of math". She won the Fields Medal in 2014 for her exceptional contributions to the study of the dynamics and geometry of mathematical objects called Riemann surfaces.

Hypatia

Is considered the first known female math teacher in history, known for teaching astronomy, and how to use an astrolabe device to model astronomical events. She made many advancements with her work on conic sections, and developing the concepts of parabolas, and ellipses by dividing cones into planes.

Katherine Louise Bouman

An American computer scientist working in the field of imaging. She was a member of the Event Horizon Telescope team that captured the first image of a black hole.

Valentina Tereshkova

The first woman in space, though she had very little space or engineering experience. She is the only woman to have completed a solo space mission, orbiting the earth 48 times.

I hope that I have given you enough information that you can see, women have been in all aspects of space, science, mathematics and STEM for a very long time. There are so many more that I could share, but don't want to run on too long. Please take the time to do some research, and check out these and other amazing women that have helped to explore these fields.

Thank you for taking the time to read this through.

Major Janice Podgurski

ARWG Diversity Officer