

## Ambassador Space Science Master Badge

## NASA Space Science Division Bios

Share these pictures and bios of female STEM professionals with your troop.



Credit: NASA/Dominic Hart

### Astrophysics

**Dr. Kimberly Ennico Smith** is a NASA research astrophysicist who loves drinking tea, communicating science, and inspiring the next generation of scientists and engineers. She has embarked on a highly multidisciplinary career, spanning space instrumentation, telescopes, and mission concepts. She has served as Deputy Project Scientist, leading the calibration of the New Horizons Pluto flyby mission and most recently the project scientist for the SOFIA infrared flying observatory. She is currently in the role of science advisor to the Office of Public Affairs at NASA Ames's Research Center in Silicon Valley, California.



Credit: Andrea Frazetta

### Planetary Science

**Nathalie A. Cabrol** is a planetary scientist at the SETI Institute and director of the Carl Sagan Center. Ms. Cabrol leads projects in planetary science and astrobiology, developing exploration strategies for Mars. She was chosen to help select Gusev Crater as the landing site for Spirit, the Mars Exploration Rover, because of her extensive studies of similar environmental conditions that existed on early Mars and here on Earth.



Credit: Seth Shostak, SETI Institute

### Heliophysics

**Dr. Madhulika Guhathakurta** (also known as Lika) is a NASA astrophysicist who has worked as a scientist, mission designer, instrument builder, manager of science programs, teacher, and spokesperson for NASA's mission and vision in the Heliophysics Division. Occasionally, she performs all of these roles in a single day.

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Credit: JCP Portrait Studios

## Earth Science

**Margaret (Maggi) Glasscoe** is a geophysicist in the Earth Surface and Interior Group at the Jet Propulsion Laboratory (JPL), California Institute of Technology. She works as a Disaster Coordinator for JPL and is a member of the NISAR project science team. Her research includes modeling the Earth's crust to study postseismic responses to large earthquakes, numerical models of the crust, simulations and analysis of fault systems, and analysis of geodetic data.



Credit: NASA Glenn Research Center

## Engineering

**Mary J. Lobo** grew up in a community where many people did not graduate from high school, let alone excel in college and have accomplished careers. She believes that her opportunity to work at NASA was a result of her dedication and belief that there are no limits imposed on us, only those we place on ourselves. She is now the acting Deputy Director for the Technology Incubation and Innovation Office for NASA Glenn Research Center (GRC) where she focuses on strategic partnering for economic development in the Cleveland area, the transfer and licensing of NASA GRC-developed technologies to private industry, and supporting Agency and Center- programs.

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Credit: Jens Umbach Photography

### Technology and Industry

**Ginni Rometty** has led IBM through the most significant transformation in its history as Chairman, President and CEO. She lead in the new era of artificial intelligence (AI), cloud, blockchain, cybersecurity, and quantum technologies—ensuring ethical and enduring development and deployment. Under her leadership, IBM is also helping young people build the STEM skills that are prerequisites for many exciting careers. IBM has played a key role in developing a new kind of school called P-TECH, a six-year high school/college that provides a tech-focused education, mentors, and internships to enable young people to enter the tech work force.



Credit: Aerojet Rocketdyne

### Technology and Industry

**Eileen Drake** is the President and CEO of Aerojet Rocketdyne. Previously, she managed production operations at both the Ford Motor Company and Visteon Corporation. She is a distinguished military graduate of the U.S. Army Aviation Officer School and served on active duty for seven years as a U.S. Army aviator and airfield commander of Davison Army Airfield in Fort Belvoir, Virginia.



Credit: Xerox

### Technology and Industry

**Ursula M. Burns** is Chairman and CEO of VEON, the NASDAQ-listed telecommunications group, and she is also a director of the boards of Exxon Mobil, Nestlé, and Uber. As CEO of Xerox Corporation from 2009 to 2016, Ms. Burns became the first female African American to head a Fortune 500 company.