

Scientist Profile Index

Check out these great scientists on the SciGirls DVD.



Betty Faber
Entomologist

Entomologist Betty Faber studies insects. Her friends call her “Betty Bug” because she spends most of her time studying cockroaches. She admits that she was scared of flying cockroaches when she was a girl. Betty turned that fear into curiosity. She’s learning how cockroaches have managed to survive for more than 250 million years.

Carol Reiss
Marine Geologist

Carol takes a dive to study underwater geology. She works for the U.S. Geological Survey in northern California and is currently exploring how the Earth's tectonic plates move so we can understand earthquakes better. Carol often takes sediment samples from just off shore. And she’s studied the ocean floor first hand when she traveled in a submersible, called the *Turtle*.



Karin Block
Volcano Scientist

Karin says, “Science Rocks!” She ought to know. Karin is an igneous petrologist—a volcano scientist—who studies the history of rocks beneath New York. Her work takes her across the Hudson River, where she investigates the rocks that form the Palisades Sill in New Jersey.



Laura Triplett

Mud Scientist

Laura is an environmental geologist—aka mud scientist—who studies how people affect the water quality of Minnesota’s St. Croix River. Laura really digs her work, collecting layers of muck from the river to see how clear cutting of forests by early settlers and large developments being built today impact the environment.

Lisa McCartney

Marine Biologist

Lisa wanted to be a marine biologist ever since high school. Now she studies the behavior of “KG,” a giant Pacific octopus at Underwater Adventures in the Mall of America. Lisa trains the octopus to crawl into a bucket to weigh the animal. Lisa also monitors the aquarium’s water quality and interacts with visitors.



Liz Stryjewski

Biologist

Liz is a biologist at the Kennedy Space Center. She is exploring the possibility of growing plants in space. If she is able to cultivate agricultural crops in this gravity-reduced atmosphere, future space travelers will have a reliable source of food while exploring!



Manuela Veloso

Robotic Soccer Scientist

This artificial intelligence (AI) researcher from Carnegie Mellon University programs small robot dogs to play soccer in international World Cup competitions. But soccer is not Manuela's real game. Her primary goal (pardon the pun!) is increasing the learning abilities of her 'bots.

Michelle Jeffries

Marine Biologist

Michelle is a marine biologist at California's Monterey Bay Aquarium. She specializes in otters and is concerned about all aspects of these furry swimmers' diet, grooming, socialization, and health. Michelle's research also focuses on the rescue and rehabilitation of abandoned or injured otters in the wild.



Tammy Reid Bush

Bioengineer

Tammy never gets all bent out of shape! She's a bioengineer who specializes in seating. Tammy helped develop an office chair called the LEAP seat, using motion measurement devices to determine the most comfortable and supportive seating for each individual. This same premise is being used in automobiles and wheelchairs, and Tammy's goal is to have "healthy" seats at schools, on planes, everywhere!