

Generations of STEM:

Dr. Marie Maynard Daly

Biochemist

Growing up in a family that valued education, Marie attended Queens College in New York studying chemistry and continued to get her Masters. She pursued her doctorate at Columbia University, working under Dr. Mary L. Caldwell, the first female assistant professor at Columbia. When Marie received her PhD in 1947,

she became the first female African American to earn that rank in chemistry. The need for scientists and the shortage of labor during WWII resulted in new STEM career opportunities for women and minorities.

After graduation, Marie received a grant from the American Cancer Society to study how proteins are constructed within cells at the Rockefeller Institute of Medicine. After that, she studied arterial metabolism at Columbia University. Marie's later work led her to Albert Einstein College of Medicine, and the study of the relationship between high cholesterol and clogged arteries. Her work helped connect diet and heart health. She enjoyed teaching at the medical school and worked to encourage minority students to enroll in the medical and science programs. She later started a scholarship at Queens College in honor of her father and has an elementary school in New York named for her.



Image Source: [Wikipedia, Queens College Silhouette Yearbook](#) Information Sources: [Science History Institute](#), [Biography.com](#), [Medical News Today](#)