

# Generations of STEM:

# Sameera Moussa

## Nuclear Scientist

From early on, one of Sameera's life goals was to normalize the use of nuclear technology for medical treatment. Having lost her mother to cancer, she saw the value of treatment. Sameera is often quoted as saying, "My wish is for nuclear treatment of cancer to be as available and as cheap as Aspirin."

She dedicated her studies to x-ray radiation and atomic radiation, becoming the first woman lecturer at Cairo University, as well as the first woman to earn a doctorate in atomic radiation.

Sameera established the Atomic Energy for Peace Conference to advocate for protection against nuclear hazards. She received a Fulbright scholarship for her work, becoming the first non-American individual to visit secret United States atomic facilities. While invited to stay in the US and gain citizenship, she desired to return to Egypt. However, she was killed in a mysterious car crash, raising suspicions it was planned by the Israeli intelligence to prevent Egypt from gaining information about nuclear technology. Sameera was honored posthumously by the Egyptian Army and her work opened doors for Egyptian female scientists.



Image Source: [Wikipedia](#), [Al Ahram Daily Newspaper](#) Information Sources: [Association of Women in Science](#), [Wikipedia](#), [Egyptian Streets](#)