

“They thought I was
crazy, absolutely mad.”

—Dr. Barbara McClintock

Meet Dr. McClintock

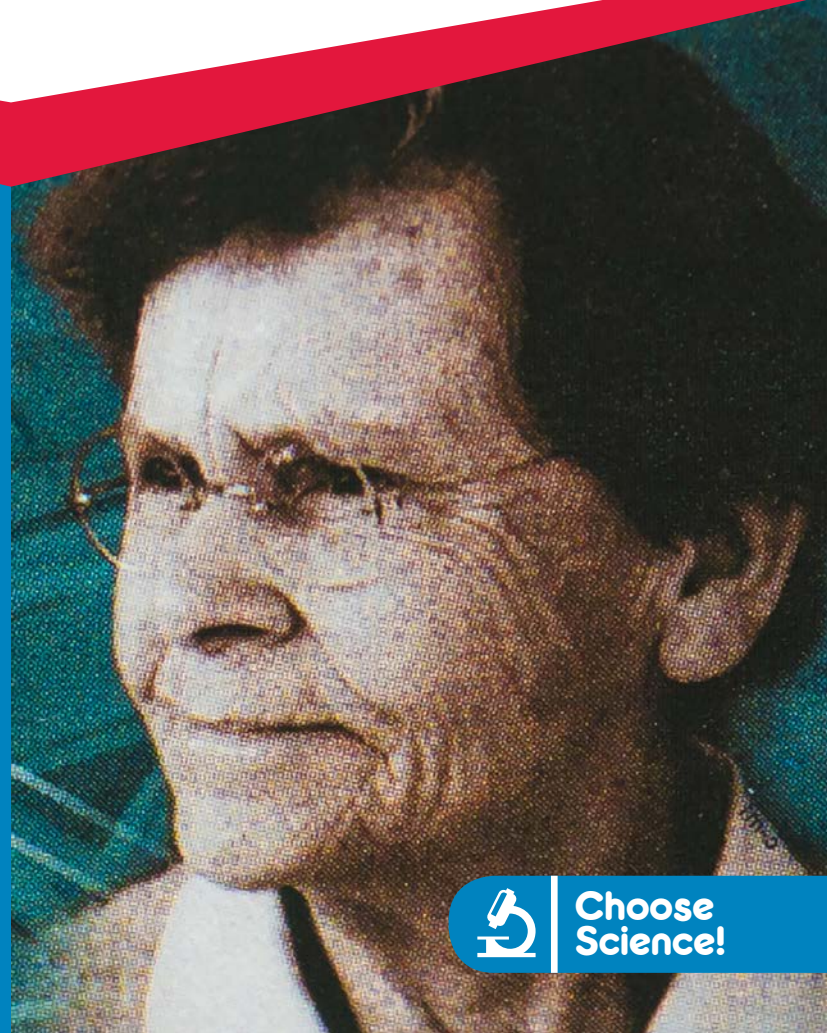
Born in Connecticut on June 16, 1902

Cornell University

Worked at Cold Spring Harbor Laboratory
on Long Island, NY, for 50 years

Discovered that small pieces of DNA could
“jump” among chromosomes and affect the
activity and function of other genes

Won the Nobel Prize and the National
Medal of Science



Choose
Science!

“Surround yourself with
people who support you.”

—Dr. Catriona Jamieson

Meet Dr. Jamieson

University of California-San Diego

Works on finding and wiping out cancer
stem cells that cause relapse

Uses creative thinking to find better
treatments for blood cancers and bone
marrow disorders



Choose
Science!

“People who think science is boring don’t know science!”

—Dr. Gwen Nichols

Meet Dr. Nichols

Chief Medical Officer for The Leukemia & Lymphoma Society

Oversees LLS’s scientific research projects, services for patients, and policy and advocacy programs

Loves that science lets her take a question and find answers for it



Choose
Science!

“The greatest danger to
our future is apathy.”

—Jane Goodall

Meet Jane Goodall

Born on April 3, 1934, in London, England

Loved observing and sketching animals and reading about animals

Moved to the Gombe Stream Game Reserve in the African nation of Tanzania

Discovered that chimpanzees ate meat, made tools, and used a language of about 20 individual sounds

Earned a PhD in ethology and cofounded the Jane Goodall Institute for Wildlife Research, Education, and Conservation



Choose
Science!

“Cancer can be cured if
we work hard enough.”

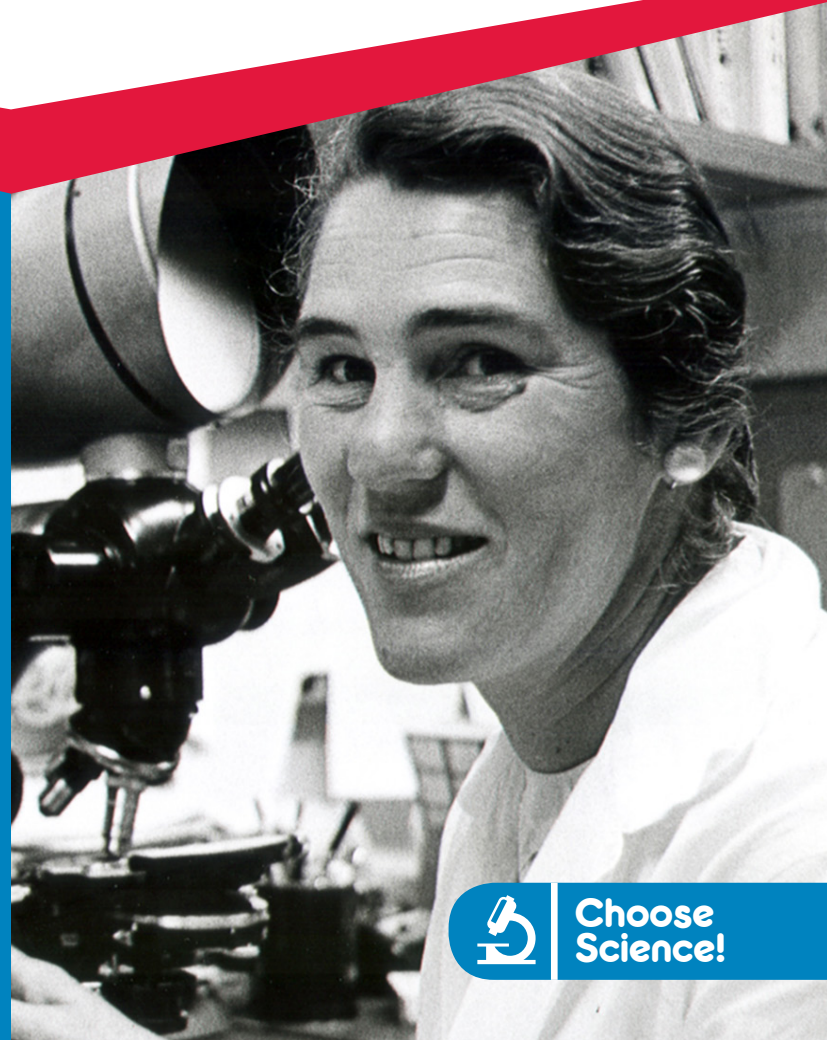
—Dr. Janet Davison Rowley

Meet Dr. Rowley

University of Chicago

Discovered that damaged chromosomes cause specific diseases (before that many believed that specific diseases caused damage to chromosomes)

Mother of four boys, rode her bike to work



Choose
Science!

“I am so lucky to have
such a great job.”

—Dr. Katherine Borden

Meet Dr. Borden

University of Montreal

Studying how leukemia cells work and new ways to treat the blood cancer for better results and fewer dangerous side effects

Inspired by watching the original Star Trek series and seeing Mr. Spock save the universe using science



Choose
Science!

“I asked questions;
I wanted to know why.”

—Katherine Johnson

Meet Katherine Johnson

Born in West Virginia on August 26, 1918

Worked as a research mathematician for NASA, a job known as a “computer”

Helped plot the path of Alan Shepard’s 1961 journey as the first American in space, John Glenn’s 1962 orbit of the earth, the Apollo 11 moon landing in 1969, and the Space Shuttle program

Received the Presidential Medal of Freedom



Choose
Science!

“I always assumed
I would go into space.”

—Dr. Mae Jemison

Meet Dr. Jemison

Born in Decatur, Alabama, on
October 17, 1965

Doctor, engineer, scientist, Peace Corps
volunteer, business owner, astronaut

Earned degrees from Stanford University
and Cornell University

First female African American astronaut;
went into space on September 12, 1992



Choose
Science!

“We must have
perseverance and above all
confidence in ourselves.”

—Marie Curie

Meet Marie Curie

Born November 7, 1867, in Poland

Earned degrees in physics and
mathematics from Sorbonne University

Worked at the School of Chemistry and
Physics in Paris

Discovered the elements of polonium
and radium

Won two Nobel Prizes



Choose
Science!

“In nature nothing
exists alone.”

—Rachel Carson

Meet Rachel Carson

Born in rural Pennsylvania on May 27, 1907

Earned degrees from Pennsylvania College for Women (now Chatham University) and Johns Hopkins University

Author of *Under the Sea Wind* (1941), *The Sea Around Us* (1951), *The Edge of the Sea* (1955), and *Silent Spring* (1961)

Her work led to a ban on the use of the pesticide DDT, the creation of the Environmental Protection Agency, the Clean Water Act, and the Endangered Species Act



Choose
Science!

“I knew that I would never be satisfied until we find a cure.”

—Dr. Rayne H. Rouse

Meet Dr. Rouse

Baylor College of Medicine

Pediatric hematologist/oncologist

Researches immunotherapy, which involves getting a patient's immune system cells to target and kill its own leukemia cells and viruses in the blood



Choose
Science!

“In medicine you can’t do it
alone—you need a team.”

—Dr. Wendy Stock

Meet Dr. Stock

University of Chicago

Hematologist working to understand
how specific blood cancers develop

Childhood heroine was zoologist Jane
Goodall



Choose
Science!