

JEWISH SCIENTISTS

Rosalind Franklin – DNA Science

Rosalind Franklin used powerful X-rays to take pictures of things too tiny to see — including DNA. Her image helped scientists understand the shape of the molecule that carries instructions for all living things.



Magnus Hirschfeld – Identity Science

Magnus Hirschfeld was a Jewish doctor who believed everyone should be accepted for who they are. He studied people — how they feel inside, how they understand themselves, and how everyone deserves respect.



Esther Lederberg – Genetics

Esther Lederberg studied tiny living things like bacteria and viruses. Her discoveries helped scientists understand how genes move and change.



Rita Levi-Montalcini – Brain Science

Rita Levi-Montalcini studied how nerves grow in the body. When Jewish people were banned from universities in Italy, she set up a lab in her bedroom and kept working.



Jessica Meir – Marine Biology and Extreme Physiology

Jessica Meir is a marine biologist and NASA astronaut who studied how penguins and other animals survive in extreme environments like Antarctica. Her research on how life survives where it shouldn't prepared her for spacewalks and helps us understand life beyond Earth."



Lisa Randall – Modern Physics

Lisa Randall studies mysteries like dark matter and extra dimensions. She helps people imagine parts of reality we can't see yet. Her work tries to explain the hidden forces that shape our universe and everything in it.



Claudia Sheinbaum – Climate Science and Energy Engineering

Claudia Sheinbaum is a Jewish climate scientist who studies how to power the world without destroying it by researching sustainable energy. She is now the President of Mexico, using science to guide decisions for her country.



Chanda Prescod-Weinstein – Cosmology and Dark Matter

Chanda Prescod-Weinstein is a Black and Jewish theoretical physicist who studies the invisible universe. She researches dark matter and the moments right after the Big Bang, asking questions about what the cosmos is made of and how we understand the universe when most of it is hidden from view.



Chaim Weizmann – Chemistry

Chaim Weizmann was a chemist who discovered how to use bacteria to make important chemicals used in medicine and industry.



Additional Jewish Scientists to explore:

- Albert Einstein – Physics
- Jonas Salk – Medicine
- Hedy Lamarr – Inventor & Actress
- Gertrude Elion – Drug Discovery
- Richard Feynman – Physics

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