

Scientist	Major Scientific Contributions
Chien-Shiung Wu	Research in nuclear physics. Demonstrated non-conservation of parity under weak interactions
Jocelyn Bell-Burnell	Discovered pulsars
Lise Meitner	Discovered nuclear fission
Marie Curie	Developed the Theory of Radioactivity
Neil deGrasse Tyson	Research in star formation and galactic astronomy. Major figure in science communication and education
Muhammad al-Battani	Determined almost exactly the length of a solar year. Produced the relationship between tangent, sine, and cosine
Maria Mayer	Developed the nuclear shell model of the atomic nucleus
C. V. Raman	Research in the scattering of light when it passes through a transparent medium
Sylvester James Gates, Jr.	Research in supersymmetry
Chen Ning Yang	Proved theoretically the violation of parity under weak interactions
Ronald McNair	Research in laser physics. Astronaut aboard the Space Shuttle Challenger
Sandra Faber	Research in the formation and evolution of galaxies
Rosalind Franklin	Discovered the DNA double helix
Caroline Herschel	Catalogues of stars, comets, and nebulae