

20th Century Women in STEM – Student Handout

Teachers: Cut these names of STEM women into strips, and place them in a box or bowl. Pairs of students will select a strip and research the corresponding biography at:

<http://www.sdsc.edu/ScienceWomen/GWIS.pdf>.

Each pair will fill out the “Recording Sheet” handout, analyzing the life story of their subject in terms of how she was able to overcome the obstacles referenced in the “Seven Things Keeping Women Out of Science” article.

ROSALIND ELSIE FRANKLIN (1920-1958) – Pioneer Molecular Biologist

DOROTHY CROWFOOT HODGKIN (1910-1994) – A Founder of Protein Crystallography

ADMIRAL GRACE MARY HOPPER (1906-1992) – Pioneer Computer Scientist

MARIA GOEPPERT-MAYER (1906-1993) – Nobelist in Physics

HELEN SAWYER HOGG (1905-1993) – A Gift of Stars

ROZSA PETER (1905-1977) – Founder of Recursive Function Theory

ROGER ARLINER YOUNG (1899-1964) – Lifelong Struggle of a Zoologist

MAY EDWARD CHINN (1896-1980) – Physician

EMMY NOETHER (1882-1935) – Creative Mathematical Genius

LISE MEITNER (1878-1968) – A Battle for Ultimate Truth

LILLIAN MOLLER GILBRETH (1878-1972) – Mother of Modern Management

ANNIE JUMP CANNON (1863-1941) – Theorist of Star Spectra

ROSA SMITH EIGENMANN (1858-1947) – “First Woman Ichthyologist of Any Accomplishments”

ADA BYRON (1815-1852) – Analyst, Metaphysician, and Founder of Scientific Computing

MARY ANNING (1799-1847) – Finder of Fossils

SOPHIE GERMAIN (1776-1831) – Revolutionary Mathematician