

## **Changing the Face of Science: Scientist Biography Research Assignment**

### ***Scientists in History List***

***Conducting Research on the Life of a Scientist and Learning How They Were Able to Overcome Obstacles in Order to Advance Science and/or Technology. These are just suggestions. You do not have to use this list.***

#### **1600-1800**

Maria Sibylla Merian (1647-1717)  
Benjamin Banneker, Almanac, Approx. 1791  
Elena Lucrezia Cornaro Piscopia (1646-1684)  
Gottfried Leibniz (1646- 1716)  
Emilie du Chatelet (1706-1749)  
Maria Gaetana Agnesi (1718-1799)  
Caroline Herschel (1750-1848)  
Sophie Germain (1776-1831)  
Mary Fairfax Somerville (1780-1872)

#### **1800-1900**

William Smith (1769-1839)  
Charles Darwin (1809–1882)  
Ada Byron Lovelace (1815-1852)  
Mary Everest Boole (1832-1916)  
Susan Jane Cunningham (1842-1921)  
Elizaveta Fedorovna Litvinova (1845-1919)  
Christine Ladd- Franklin (1847-1930)  
Sofia Kovalevskaya (1850-1891)  
Ellen Amanda Hayes (1851-1930)  
Hertha Ayrton (1854-1923)  
Ida Metcalf (1857-1952)  
Charlotte Angas Scott (1858-1931)  
Maria Mitchell (1818-1889)  
Florence Nightingale (1820-1910)  
Clara Barton (1821-1912)  
Elizabeth Blackwell (1821-1910)  
Ellen Richards (1842-1911)  
Marie Curie (1867-1934)  
Alice Hamilton (1869-1970)  
Florence Sabin (1871-1953)  
Lise Meitner (1878-1968)  
Margaret Sanger (1879-1966)  
Karen Horney (1885-1952)

J.F. Pickering, 1900

C.J. Dorticus, 1895

Antonio Meucci (1808-1896)

Daniel Hale Williams, 1893

J. Standard, 1891

T. Elkins, 1879

Lewis Latimer, 1882

Alexander Miles, 1867

Granville T. Woods, 1884

T.A. Carrington, 1876

Norbert Rillieux, 1846

J. Gregory, 1887

Christopher Scholes, 1867

### **1900- Present**

Margaret Mead (1901-1978)

Barbara McClintock (1902-1992)

Grace Hopper (1906-1992)

Rachel Carson (1907-1964)

Myra Adele Logan (1908-1977)

Rita Levi-Montalcini (1909-)

Joy Adamson (1910-1980)

Chien Shiung Wu (1912-1997)

Mary Leakey (1913-1996)

Dixie Lee Ray (1914-1994)

Gertrude Belle Elion (1918-1999)

Norris Bradberry, 1945

Frederick Mckinley Jones, 1935

Arthur Rudolph

Albert Einstein

Sergei Korolov

Wernher von Braun

### **Eras:**

***The Enlightenment*** (Europe, mostly Britain & France) late 1600's to 1800

***The Revolutionary Era*** (France, America & Latin America) late 1700's to 1820ish

***Industrialization*** (starts in Britain in 1700's through the Americas in the 1800's)

***Imperialism*** (Europe, Asia & Africa 1800's, America in Latin America & Pacific late 1800's to early 1900's)

***World War I Era*** (1914-1919)

***Era between the Wars*** 1920-1939

***World War II*** (1939-1945)