

# GENEALOGY DATABASE ENTRY

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Curie, Marie Sklodowska

1867 - 1934

DEGREE: DSc

DATE: 1903

PLACE: École de Phys. Chim. Indus. Paris

TEACHER/RESEARCH ADVISOR: Becquerel

Nobel Prize in Physics in 1903, with Becquerel and P. Curie, for their discovery of spontaneous radioactivity; Nobel Prize in Chemistry in 1911 for the discovery of radium and polonium; appointed as the first female professor at the Sorbonne in 1908; showed that the radioactivity of uranium was an atomic property; promoted the use of radium for the treatment of cancer; studied the effects of radioactivity and developed the atomic explanation, introducing the terms disintegration and transmutation; introduced the standard unit of radioactivity (defined as the quantity of radiation emitted by 1 gram of radium; now called the Curie); prepared the radioactivity standards deposited at the Bureau of Weights and Measures in 1910; founded the Radium Institute.

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