

# 5 'Out of This World' Chemists

#NationalChemistryWeek



He

## Dmitri Mendeleev

Creator of periodic law and the periodic table of elements which is arranged in order of increasing atomic weight. He left blank spaces where he believed unknown elements would eventually be discovered.

## Rosalind Franklin

Discovered the structure of DNA by applying crystallography and X-ray diffraction techniques to DNA fibers resulting in a photograph which highlighted the structure of DNA.



## Alfred Nobel

He was not only inventor of dynamite, but held as many as 350 patents at one time, and willed what equates to about 265 million dollars today to fund the Nobel Prize to recognize outstanding achievements in physics, chemistry, physiology or medicine, literature, and peace.

## Marie Curie

Discovered radium and polonium, won the Nobel prize in chemistry in 1911, and was the first female professor of general physics at the Sorbonne.



## Svante Arrhenius

One of the founders of the science of physical chemistry, he used his research to help explain the "ice age" which resulted in the discovery of the "greenhouse effect."