Lewis, Gilbert Newton

Gilbert Newton Lewis (1875-1946) is one of the most prestigious scientists to ever live. He lived a very interesting life, and was very well educated. Lewis was taught at home by his parents until the age of fourteen, when he entered The University of Nebraska. Three years after he transferred to Harvard College where he received his undergraduate diploma and his PhD in Chemistry. Eventually, Lewis became the Dean of the College of Chemistry and the Chairman of the Department of Chemistry at UC Berkeley. G.N. Lewis decided to focus his career studies on thermodynamics, isotopes, the relationship between matter and light, and the electron-pair bonding theory. Lewis was one of the first chemists to hypothesize about covalent bonding and the octet rule. His observations about the octet rule in covalent and ionic bonding led him to develop his theory of bonding. There is no doubt that Gilbert Newton Lewis was one of the most influential scientists of all time.