# Fred W. McLafferty

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| 1923 | Born May 11 in _____ |
| 1943 | BS University of Nebraska |
| 1943-45 | Service in the US Army/Infantry in Europe interrupted his studies at University of Nebraska, he received the US Army Purple Heart, Combat Infantry Badge, 5 Bronze Star Medals for Valor, Presidential Unit Citation |
| 1947 | MS University of Nebraska |
| 1950 | PhD, Cornell University<br>Postdoc at University of Iowa |
| 1950-56 | Dow Chemical Co.<br>In charge of mass spectrometry and gas chromatography |
| 1956-64 | First Director of Dow's Eastern Research Lab |
| 1964-68 | Purdue |
| 1968 | Cornell (PJW Chair then) |
| 1972 | ACS Award in Chemical Instrumentation |
| 1975 | ACS Spectroscopy Society of Pittsburgh Award |
| 1981 | Honorary member of the Italian Chemical Society |
| 1981 | ACS Analytical Chemistry (Fisher) Award |
| 1982 | Member of the National Academy of Sciences |
| 1984 | ACS Nichols Gold Medal |
| 1985 | ACS Oesper Award |
| 1985 | Anachem Award |
| 1985 | Sir J.J. Thomson Gold Medal |
| 1985 | Member of the American Academy of Arts and Sciences |
| 1986 | ACS S.C. Lind Award |
| 1986-94 | Editor "Accounts of Chemical Research" |
| 1987 | Spectroscopy Society of Pittsburgh Award |
| 1989 | ACS Mass Spectrometry (Field and Franklin) Award |
| 1989 | University of Naples Gold Medal |
| 1991 | Peter J.W. Debye Professor Emeritus of Chemistry |
| 1992 | Royal Society of Chemistry, Robert Boyle Gold Medal |
| 1996 | American Institute of Chemists Chemical Pioneer Award |
| 1997 | J.M. Bijvoet Medal |
| 1999 | Czech Academy of Sciences Heyrovsky Medal |

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| 2000 | Italian Chemical Society Giulio Natta Gold Medal |
| 2001 | Swedish Chemical Society Torbern Bergman Medal |
| 2002 | Member Italian National Academy of Sciences XL |
| 2003 | Distinguished Contribution in Mass Spectrometry Award from The American Society for Mass Spectrometry |
| 2004 | Lavoisier Medal of the French Chemical Society |

Nebraska

Fred W. McLafferty has co-authored over 480 publications including the following: Mass Spectrometry of Organic Ions, 1963; Mass Spectral Correlations, 1963, 1982; Interpretation of Mass Spectra, 1966, 1973, 1980, 1993; Advanced Analytical Chemistry Instructions, 1966-1975; Atlas-, Archives-, Registry- and Important Peak Index of Mass Spectral Data, 1969, 1970-1973, 1974, 1982, 1989, 1991, 1994, 2000, 2004; Tandem Mass Spectrometry, 1983.

Fred and Tibby have children Sally (1951) Joel (1953), Martha (1955), Samuel (1956),, and Ann (1959); and have 9 grandchildren.