

# GENEALOGY DATABASE ENTRY

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Furman, Nathaniel Howell

1892 - 1965

DEGREE: PhD

DATE: 1917

PLACE: Princeton

TEACHER/RESEARCH ADVISOR: McCay

studied potentiometric titrations, ceric sulfate as a volumetric indicator, oxidation-reduction indicators, electrodeposition methods, and the use of fluoride solutions; made significant contributions to the development of electric-measuring techniques in chemical analysis and developed a method for estimating traces of metal in various substances; wrote many textbooks on quantitative analysis; during work on the Manhattan project, improved analytical methods for detecting impurities in uranium oxides, salts, or the metal, and later for estimating traces of uranium in anything with which it might come into contact during its processing from ores to highly-purified metal.

1. *National Cyclopaedia of American Biography*; James T. White & Co.: 1921-1984; vol. 52, p610.
2. *J. Electrochem. Soc.* **1954**, *101*, 22C-24C.
3. *J. Electrochem. Soc.* **1953**, *100*, 233C.
4. *Chem. Eng. News* **1948**, *26*, 2492.
5. *Chem. Eng. News* **1951**, *29*, 56.
6. *American Chemists and Chemical Engineers*; Miles, W. D., Ed.; American Chemical Society: 1976; p166-167.