

GENEALOGY DATABASE ENTRY

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Norris, James Flack

1871 - 1940

DEGREE: PhD

DATE: 1895

PLACE: Johns Hopkins

TEACHER/RESEARCH ADVISOR: Remsen

advocated studying relative reaction rates of structurally related compounds to deduce details of molecular bonding; studied reaction rates of alcohols with acyl halides, chemistry of Se and Te, and perbromides and periodides of tertiary amines; involved in chemical warfare research during WW I; studied mechanism of Friedel-Crafts alkylations.

1. *Biog. Mem. Nat. Acad. Sci.* **1974**, *45*, 413-426.
2. *Chem. Eng. News* **1940**, *18*, 730.
3. *Chem. Eng. News* **1936**, *14*, 325-326.
4. *The Chemist* **1937**, *14*, 133-137.
5. *American Chemists and Chemical Engineers*; Miles, W. D., Ed.; American Chemical Society: 1976; p365-366.