

GENEALOGY DATABASE ENTRY

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Rochow, Eugene George

1909 -

DEGREE: PhD

DATE: 1935

PLACE: Cornell

TEACHER/RESEARCH ADVISOR: Dennis

credited with the basic patents on silicone polymers and the direct synthesis of organosilicon halides by the reaction of silicon with gaseous methyl chloride in the presence of copper; studied the chemistry of siloxanes, silazanes, and stannanes; applied broad line NMR to the study of silicone polymers; used high resolution NMR spectroscopy to determine the relative electronegativities of the group 14 elements, culminating in the Allred-Rochow electronegativity scale.

1. Seymour, R. B.; Fisher, C. H. *Profiles of Eminent American Chemists*; Litarran Enterprises Pty. Ltd.: 1988; p401-403.
2. *J. Organomet. Chem.* **1979**, 178, ix-xii.
3. Liebhafsky, H. A. *Silicones Under the Monogram*; Wiley: 1978.
4. *Adv. Organomet. Chem.* **1970**, 9, 1-19.