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.