

GENEALOGY DATABASE ENTRY

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Schlesinger, Hermann Irving

1882 - 1960

DEGREE: PhD

DATE: 1905

PLACE: Chicago

TEACHER/RESEARCH ADVISOR: Stieglitz

discovered (with Anton Burg) a new way to produce boron compounds by using an electrical discharge - the method made larger quantities of diborane easily available and stimulated extensive investigations of inorganic hydrogen compounds; discovered borohydrides and aluminohydrides, including NaBH_4 , $\text{U}(\text{BH}_4)_4$, and LiAlH_4 , and demonstrated their utility as reducing agents; pioneer in the application of absorption spectra to inorganic chemistry; investigated the conductivities of electrolytes in non-aqueous media; studied structures of coordination complexes of Co, Cr, and Pt; investigated chemistry of manganates, permanganates, and inorganic sulfur compounds.

1. *Chem. Eng. News* **1949**, 27(8), 496.
2. *Chem. Eng. News* **1960**, 38(42), 131.
3. *Jahrb. Bayer. Akad. Wiss.* **1961**, 191-194.