

GENEALOGY DATABASE ENTRY

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Gibson, George Ernest

1884 - 1959

DEGREE: PhD

DATE: 1911

PLACE: Breslau

TEACHER/RESEARCH ADVISOR: Abegg

studied absorption and luminescence spectra of gas-phase species, esp. thallium vapor and halogen diatomics; studied metal-ammonia solutions, esp. their electrical conductivities; investigated calorimetry at low temperatures and showed that the third law of thermodynamics can not be applied to non-crystalline states; showed that nuclear spin effects do not shift chemical equilibria; studied luminescence of gases upon irradiation by alpha particles and neutrons.

1. Jolly, W. L. *From Retorts to Lasers*; University of California Press: 1987; p87-88 and p236.
2. *Univ. of Calif. In Memoriam*; University of California Press: 1961; p41-44.
3. PhD Thesis (Breslau 1911) - confirmed thesis advisor.