

# GENEALOGY DATABASE ENTRY

©Vera V. Mainz and Gregory S. Girolami 1998

Pearce, James Newton

1873 - 1936

DEGREE: PhD

DATE: 1907

PLACE: Johns Hopkins

TEACHER/RESEARCH ADVISOR: Jones, H. C.

studied the properties of electrolytes in non-aqueous solvents, esp. heats of dilution, conductivities, and electromotive forces; investigated the adsorption of gases on charcoal and metal oxides and its relevance to catalytic reactions such as the formation and decomposition of esters; studied the dissociation of trihalide ions to halide and halogen in aqueous solution; developed an improved apparatus for measuring boiling point elevations and vapor pressures.

1. *Science* **1936**, 84, 567-568.
2. See *Am. Chem. J.* **1907**, 38, 61 for confirmation of thesis advisor.