

# GENEALOGY DATABASE ENTRY

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Bridgman, Percy Williams

1882 - 1961

DEGREE: PhD (physics)

DATE: 1908

PLACE: Harvard

TEACHER/RESEARCH ADVISOR: Sabine

Nobel Prize 1946; studied behavior of substances under very high pressures; first to achieve pressures above 10 kbar and up to 100 kbar via invention of a leak-proof pressure seal; studied thermodynamics and properties of liquids under pressure, esp. polymorphism and viscosity; discovered two new forms of ice; developed methods to make physical measurements inside high pressure vessels; wrote influential book on the logic of modern physics.

1. *Biog. Mem. Fell. Roy. Soc.* **1962**, 8, 27-40.
2. *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; vol. 2, p457-461.
3. *McGraw-Hill Modern Scientists and Engineers*; McGraw-Hill: 1980; vol. 1, p138-139.
4. Asimov, I. *Asimov's Biographical Encyclopedia of Science and Technology (2nd Ed.)*; Doubleday: 1982; p686.
5. *A Biographical Dictionary of Scientists*; Williams, T. I., Ed.; Wiley: 1969; p80-81.
6. *Proc. Phys. Soc.* **1962**, 79, 1301-1303.
7. *Yrbk. Am. Phil. Soc.* **1962**, 106-110.