

GENEALOGY DATABASE ENTRY

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Johnstone, Henry Fraser

1902 - 1962

DEGREE: PhD

DATE: 1926

PLACE: Iowa

TEACHER/RESEARCH ADVISOR: Pearce

developed methods for treatment of waste gases to prevent atmospheric pollution; during WW II directed a National Defense Research Committee laboratory concerned with the development of new munitions to be used in chemical warfare, developing a procedure for screening a harbor in 2-3 minutes with exhaust from airplane engines, fog-dispelling methods, plans for spreading DDT over large areas, and colored smoke bombs which could be used to mark a position for 8 minutes; studied the adsorption of gases, aerosols, heat transfer, reaction kinetics, Fischer-Tropsch processes, and sulfur chemistry.

1. See *J. Phys. Chem.* **1930**, *34*, 1260-1279 for confirmation of thesis advisor.
2. *National Cyclopaedia of American Biography*; James T. White & Co.: 1921-1984; vol. 50, p282.
3. *Chem. Abstracts* **1962**, *56*, 1715g.
4. *Urbana Courier* **8Jan62** and **9Jan62**.