

GENEALOGY DATABASE ENTRY

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Dwyer, Francis Patrick John

1910 - 1962

DEGREE: MSc

DATE: 1933

PLACE: Sydney

TEACHER/RESEARCH ADVISOR: Mellor

studied the coordination chemistry of the platinum metals, esp. their complexes with arsines, triazines, diamines, and Schiff bases; investigated the optical activity and kinetics of substitution and racemization of platinum metal complexes, the diastereo-isomeric effect and the principle of configurational activity, the stereochemistry of multi-dentate chelates, stereospecific influences in octahedral complexes, electron transfer reactions and redox potentials, esp. of tris(diamine) metal complexes, and the effects of metal complexes in biological systems, esp. the antibiotic activity of optically active tris(phenanthroline) metal salts.

1. Personal communication, Stanley Livingstone (26Aug93).
2. *Australian Dictionary of Biography*; Canberra: to be published; entry on Dwyer by Livingstone.
3. *Chem. Ind.* **1963**, 980-981.
4. *Proc. Roy. Austr. Chem. Inst.* **1970**, 37, 199-208.
5. *J. Proc. Roy. Soc. New South Wales* **1964**, 97(pt 4), 126-127.
6. *Polyhedron* **1985**, 4, 1337-1351.