Projects

i) EPR spectroscopy projects on the Mn cluster in Photosystem II and the primary electron quinone electron acceptor, $Q_A$. These might run in conjunction with related projects with Prof. E Krausz.

ii) Computational chemistry (with Prof. R Stranger) studies of model redox systems related to natural photosystem function – aiming towards biomimetic systems for hydrogen production.

iii) Spectroscopic (EPR-optical etc.) study of new model protein constructs which mimic aspects of Photosystem II. (in conjunction with Dr. W Hillier RSBS)

website: http://chemistry.anu.edu.au/Staff/RonP/home.html