

Appendix – Interactions with the Faculties

Dr A. Ankewicz gave lectures and demonstrated for the courses PHYS3060, ENGN4513 and ENGN6520.

Dr T.T. Barrows is on the advisory panel of Michelle Spooner, Department of Earth and Marine Sciences.

Professor M.T. Batchelor gave 36 lectures and tutorials in *Mathematical Methods* (MATH3322) to 12 students.

Dr G. Borg lectured in *Telecommunications Systems* (ENGN3214) and *Radiofrequency Engineering* (ENGN4521) to 3rd and 4th year undergraduate students in the Faculty of Engineering and Information Technology.

Professor P.G. Bouwknecht gave 24 lectures and tutorials in *Partial Differential Equations and Complex Calculus* (MATH2406) to 27 students. He also presented 12 lectures (RQM) and tutorials in *Advanced Theoretical Physics* (PHYS3002) to 19 students.

Professor A.P. Byrne holds a joint appointment as Head of the Department of Physics, Faculty of Science.

Dr C. Charles lectured in the engineering course *Optical Waveguide Materials* (PHYS3059) to 3rd year undergraduate students in physics. Dr C. Charles also supervised two honours students, Laisan Li from the ANU, and Con Costa from Deakin University.

Dr S.H. Chung offered the course in *Membrane Biophysics* to 3rd year undergraduate students in physics.

Ms B.J. Dąbrowska tutored 1st year undergraduate students in *Advanced Physics* (PHYS1101 & PHYS1201).

Dr M. Dasgupta and **Professor D.J. Hinde** supervised Michael Brown from the Department of Physics in his honours project entitled "Investigating Dynamics of Reaction Forming Heavy Elements".

Professor R.G. Elliman gave guest lectures and lab tours for the courses ENGN2224 and ENGN4519.

Professor L.K. Fifield continues collaborations with Professor P. De Deckker and Dr B. Opdyke of the Department of Earth and Marine Sciences and is co-supervisor of Daniel Wilkins, a joint PhD student, with Professor De Dekker. Professor Fifield is collaborating with Dr D. Kirste and PhD student, Matt Lenehan of the Department of Earth and Marine Sciences using chlorine-36 to study salt transport in a dryland salinity area near Cootamundra

Professor N.H. Fletcher gave a course of 25 lectures in the School of Music during the first semester titled *Acoustics and Music*.

Dr M. Gulacsi offered and taught *Statistical Physics and Quantum Field Theory*, a 4th year honours course.

Dr M.J. Hole lectured the 3rd year course *Theoretical Physics* (PHYS3002) segment on *Classical Mechanics*.

Professor S. Hyde delivered guest lectures to 3rd year physics students on *Biomorphs and Ancient Nanofossils*. He also supervised PhB student Ben Weise.

Professor C. Jagadish, Dr. H.H. Tan and Dr. L. Fu gave a series of guest lectures for the course *Microelectronics and Optoelectronics* (ENGN4519).

Dr T. Kibédi supervised Daniel Imrich, an exchange student from the University of Vienna, in his non-degree course entitled "Development of Si-Array for Conversion Electrons".

Dr M. Kohonen lectured on *Wetting and Capillarity* to honours students in the Department of Chemistry.

Dr G. J. Lane supervised Justin Werner from the Department of Physics in his honours project entitled "Structure of High-spin Isomers in ¹⁸⁴W".

Professor J.D. Love is the convenor for photonics teaching in the Department of Physics and the Department of Engineering, covering courses PHYS3051, PHY3053, PHYS3058, PHYS3059, PHYS3060, ENGN4513 & ENGN6520. He is also the convenor for photonics distance learning courses PHYS8510 & PHYS8511 in the Master of Contemporary Science degree and for students studying for the Master of Photonics degree. He also gave a series of first-year lectures in optics for PHYS1201.

Dr P. Kluth and Dr S. Kluth presented a course on *Microelectronic & Photonic Technology* (ENGN4507).

Dr F.P. Mills lectured in a preparatory workshop for *Independent Research Projects* (SRES3015) to 3rd year undergraduate students in environmental studies.

Dr D. Neshev supervised two undergraduate students from the Engineering Faculty: Mr. Michael Chen and Ms Anna E. Webster in their honours projects.

Dr C. Neto lectured on *Wetting and Capillarity* to honours students in chemistry.

Dr M.C. Ridgway and Dr C.J. Glover organised and ran a 4th year physics course on *Synchrotron Science* at the Faculty of Science.

Dr M.G. Shats lectured in *Plasma Physics* (PHYS3041) to 3rd year undergraduate students in physics.

Dr H.H. Tan gave a series of guest lectures for the course on *Optical Waveguide Materials* (PHYS3052).

Dr A.N. Wilson holds a joint appointment with the Department of Physics, Faculty of Science and supervises Michael East, Department of Physics in his honours project entitled "High-spin states in ¹⁹²Pb". Dr Wilson also supervised advanced studies course projects for Michael Hush and Kimberley Heenan and co-supervised John Bartholomew and Jen Yee Lee with **Dr P.M. Davidson**.