

## Appendix – Outreach Activities

### *Individual Outreach Activities*

**Murray Batchelor** supervised a student as part of the CSIRO Student Research Scheme.

**Aidan Byrne** presented a lecture on physics to groups of year-3-6 students at Wanniasa School and conducted a tour of the Department of Nuclear Physics Heavy Ion Facility for students from Canberra Girls Grammar. *Photos available*

**Anna Carnerup, Scott Collis, Ira Cooke, Fenton Glass, Lydia Knüfing and Gerd Schröder** participated in the Adopt-a-Physicist program, visiting different schools in Canberra, talking about their work and what it is like to be a scientist:

Sam Moreau from St Gregory's College, Campbelltown spent one week in the Department of Nuclear Physics to undertake a Vocational Education Work Placement in "Computer Aided Design and Machine Tool Production" supervised by **Alan Cooper** and **other members of the Technical Team**.

**Mahananda Dasgupta** conducted a tour of the Department of Nuclear Physics Heavy Ion Facility for approximately 20 students from Narrabundah College in October. *Photos available*

**Keith Fifield** conducted a lecture and a laboratory session for the ADFA Environmental Physics course students in May and jointly with Dr Steve Tims supervised two year-10 work experience students, Sue Xu and Brad Pillans, both from Canberra High School, for a period of one week during May.

**Stephen Hyde** delivered a public lecture, "Animal, Vegetable or Mineral: An Astrobiologist's Journey from Marble Bar to Mars", co-organised by the National Institutes for Physical Sciences and Biological Sciences, at the National Museum of

Australia. This work was also featured in a number of national and international radio and newspaper interviews in November.

**Stephen Hyde** and **Andy Christy** took part in the ABC documentary, "Alien Underworld", screened nationally for Science Week in August.

**C. Jagadish** visited IEEE Lasers and Electro-Optics Society chapters in Ukraine, Scotland, Turkey, Italy, Benelux, Dallas, Albuquerque, Denver, Boston, Baltimore, Norfolk, New Delhi and gave distinguished lecture seminars on "Quantum Well and Quantum Dot Intermixing for Integration of Optoelectronic Devices". He also gave an overview of the Research School and National Institute of Physical Sciences.

Scott McLachlan (B. Physics Engineering) and Sulabh Jain (B. Software Engineering) both final year students at Canberra University visited the Department of Nuclear Physics from March to November to undertake a "LINAC Cryogenics Control" project to develop a graphical user interface program, supervised by **Tibor Kibédi**.

**Dr S. Kuyucak** lectured the Honours Course "Electrodynamics" at the School of Physics, Sydney University

**Greg Lane** spoke at the National Youth Science Forum on "How I Became a Scientist" in January and supervised students Beina Wei (Hawker College) and Sudipto Pal (Narrabundah College) on a project "Magnetic Moments in Radioactive Lead Nuclei" as part of the CSIRO Student Research Scheme.

**John Love** gave a talk on photonics to the National Science Teachers Summer School at ANU in January. He presented introductory lectures on photonics at ANU to undergraduates in the Department of Physics in March and in the Department of Engineering in May. He supported the ANU and Photonics Institute involvement in the National Science Festival in Canberra and an Engineering Careers evening at University House. He organised the ACT Siemens Science & Engineering Experience involving ANU, University of Canberra and the CIT, which ran from 29 September to 1 October.

**Anna Samoc** provided laboratory tours for participants of the CUDOS Workshop in November and summer students.

**Andrew Stevenson** was a speaker and industry partner for the National Youth Science Forum held at the University of Canberra in January and a speaker and laboratory presenter for the ACT Siemens Science & Engineering Experience in September.

**Steve Tims, Aidan Byrne, Greg Lane, Nanda Dasgupta, David Hinde and Anna Wilson** ran workshops and conducted tours of the School's Heavy-Ion Facility for the Rio Tinto National Science Forum, the Siemens Winter School and the National Science Teacher's Summer School.

**Tessica Weijers** presented tutorials at the School of Physical, Environmental and Mathematical Sciences (formerly School of Physics) at the Australian Defence Force Academy, University of NSW.

**Anna Wilson** was closely involved in arranging the Women in Physics Lecture in Canberra, which is primarily aimed at high school students, in the hope of encouraging them to study physics at a higher level.