

Welcomes

For the next three months we have six visitors from the **University of Warwick** who will be working with a number of the research groups in the School. The people involved in this exchange are **Jack Sleigh** (Brian Yates), **Alexandra Haywood** (Adrian Blackman), **Amy Hewison** (Joe Hutchinson), **Sarah McHale** (Michael Gardiner) **Rachel Throrlby** (Karen Stack) and **Sebastian Rochefort** (Rosanne Guijt). The purpose of the visit is to gain research experience and is part of their undergraduate degree. We have had a handful of people involved with this exchange program in the past (ie. Peter Molesworth in 2004) but this year it seems everyone wanted to come to Tasmania. We wish all our visitors a fun and prosperous time during their stay in Tasmania.



Our students from Warwick University

Boost for undergraduate teaching in Analytical Chemistry



Dr Peter Jackson presenting the new instrument to Prof Paul Haddad

Dr Peter Jackson, the country manager for **Dionex Australia**, visited the Hobart campus of the School of Chemistry 16 to 17 of April to present the school with an ICS-1000 ion chromatograph for the undergraduate teaching laboratory. The Dionex Corporation (Sunnyvale, CA, USA) is the world's leader in the manufacturer of ion chromatographic instrumentation, and is a major research collaborator of the Australian Centre for Research On Separation Science (ACROSS). The teaching of undergraduate analytical chemistry and separation science units will benefit greatly from being able to utilise state-of-the-art instrumentation. This instrument will be employed in the teaching of ion chromatography to second and third year students, and will expose these students to modern methods for ion analysis.

Dr Jackson has also established an annual student prize to the value of \$500 for the best third year student (in both theory and laboratory) studying analytical chemistry and/or separation science. It is desirable, but not essential, that this student be proceeding on to honours in chemistry. This award has been established for an initial period of five years beginning 2007. The School of Chemistry is extremely grateful for the generosity of Dr Jackson and Dionex Australia Pty Ltd for the donation of this instrument and for the establishment of the student prize.

Grants, Awards & Scholarships

Michael Breadmore has been awarded an International Travel Award To Switzerland from the Australian Academy of Science.

Dave McGuinness has secured a partnership with CSIRO, which provides funding for a PhD student.

Jason Smith has received funding for a PhD student from the ARC Radical Centre for Excellence.

Birthday Congratulations

Dr Reg Cane celebrated his 90th birthday in April, a remarkable achievement! All at Chemistry wish him the warmest congratulations.

Dr Cane graduated from the School of Chemistry in 1938, and has had a long association with the School since then, making many contributions to the Chemistry and to science in general both here and overseas.

Seminars

Wednesday 2nd May Introductory Honours Seminar

Carrie Bloomfield, "Method Development for a Capillary Ion Chromatography System"

Rowan Brown, "Steric differences between macrocyclic complexes of Pr, Nd, Sm, and Lu, and their potential reductive chemistry"

Rebecca Smedley, "SPME-IC of Charged Ionic Analytes from Liquids"

Baden Wass, "Factors effecting metal soap formation in paper making"

Wednesday 9 May

Dr Anissa Goemann, "Applied Surface Science - Surface modification of Strontiumtitanate under high temperature treatment"

Wednesday 16 May—Introductory PhD Seminar

Jeremy Deverell, "Microreactors for flow-through catalysis"

Peter Molesworth, "Novel Synthetic approaches to the Thaxtomin Group of Phytotoxins"

Wednesday 16 May—Zinifex Lecturer

Dr David Muir, CSIRO, "The complex chemistry of iron in mineral processing"

Wednesday 23 May—Hon Research Assoc

Prof John Coll, "The primary importance of terpenoids in the evolutionary success of soft corals"