In Memoriam—Allan Ure

UPAC lost a valued and honored friend when Allan Ure died on 18 December 2005, after a period of illness. Allan was a world-renowned analytical chemist and spectroscopist who made many seminal contributions to environmental analysis, fractionation methods, and speciation. He will be remembered for his enthusiasm and energy as well as his good humor and quick smile. We who knew him had our lives enriched by his presence and are deeply saddened by the news of his death.

The Journal of Soils and Sediments (JSS) has published an extensive and thoughtful tribute to Allan [JJS 6(1), 62 (2006); doi:10.1065/jss2006.02.003] and is organizing a memorial section in an upcoming issue (to contribute, contact Philippe Quevauviller <pphilippe.quevauviller@cec.eu.int>). Here, we pay tribute to Allan's many contributions to IUPAC.

Allan began his IUPAC work in 1981 as an associate member of the Commission on Spectrochemical and Other Optical Procedures for Analysis (V.4). At the time, he was head of the Department of Spectrochemistry of the Macaulay Institute for Soil Research in Aberdeen,

Safety
Training
Program

Call for Host Companies

The IUPAC Committee on Chemistry and Industry (COCI) is

seeking Host Companies for the IUPAC-UNESCO-UNIDO Safety Training Program (STP). The STP enables experts from developing countries to learn about safety and environmental protective measures by visiting and working with IUPAC Company Associates in industrialized countries. The STP brings

IUPAC together with the United Nations Educational, Scientific, and Cultural Organization (UNESCO) and the United Nations International Development Organization (UNIDO) to promote interactions between developed countries and the developing world by disseminating state-of-the-art knowledge on safety and environmental protection in chemical production.

Seven trainees are currently awaiting placement at Host Companies. All are professional scientists and

engineers who are supervisors or managers in chemical companies, government institutions, or academic laboratories. They have all been chosen for their experience and for their ability to influence leaders and staff in their work-

places and within their home countries. IUPAC and UNESCO provide funding for trainee travel to the Host Company, and the Host Company provides for local expenses during training.

STP Trainees visit the research and manufacturing facilities of IUPAC CA Host Companies for a two-to

three-week period, during which the trainees shadow health, safety, and environmental professionals to gain first-hand experience in stateof-the-art practices. Trainees then apply their new knowledge at home in their workplaces,

communities, and governments. Nine trainees, from Turkey, China, Egypt, Nigeria, Kenya, and Uruguay have participated in the STP at six Host Companies in the USA, UK, Japan, and South Africa since 2000.

There are many benefits to Host Companies. Besides the favorable publicity that all Host Companies gain, productive long-term relationships can build with the trainees and their home countries that can benefit the company and the trainee long after training is concluded. Dialogs between Host Company staff and trainees can lead to suggestions for improvements and new initiatives.

COCI is ready to assist Host Companies with trainee selection and scheduling and planning of site visits. Contact Mark Cesa <mark.cesa@innovene.com>, COCI chairman and STP coordinator, for more information and to volunteer!

www.iupac.org/standing/coci/safety-program.html



Scotland. During his tenure as associate member, two parts of the V.4 series on *Nomenclature, Symbols, Units and their Usage in Spectrochemical Analysis* were published: *Part V: Radiation Sources (PAC* 1985, 57:1453-1490) and *Part VI: Molecular Luminescence Spectroscopy (PAC* 1984, 56:231-245).

Allan was elected to be a titular member of Commission V.4 in 1985, a position he held until 1989 when he was elected to serve as secretary of the commission from 1989 to 1993. During those years, several more parts of the V.4 series were published, including Part VII: Molecular Absorption Spectroscopy, Ultraviolet and Visible (UV/Vis) (PAC 1988, 60:1449-1460) and Part VIII: Nomenclature System for X-Ray Spectroscopy (PAC 1991, 63:735-746).

Allan was the principal author of three V.4 recommendations—Part X: Preparation of Materials for Analytical Atomic Spectroscopy and Other Related Techniques (PAC 1988, 60:1461-1472), Part XII: Terms Related to Electrothermal Atomization (PAC 1992, 64:253-259) and Part XIII: Terms Related to Chemical Vapor Generation (PAC 1992, 64:261-264)—utilizing his expertise in standardized extraction procedures for soil analysis (now widely used in laboratories throughout the world) and his numerous international contacts to harmonize the terminology used worldwide in his field of expertise.

Even after completing his term as secretary, Allan continued to contribute his vision to V.4 recommendations. In 1993, IUPAC's Analytical Chemistry Division Committee conscripted Allan to cochair the working party assembled to produce the third edition of the

IUPAC Compendium of Analytical Nomenclature (the so-called Orange Book). The incredible task of assembling and integrating the large number of IUPAC analytical chemistry recommendations published from 1984 to 1997 into the second edition occupied 4 years (and undoubtedly produced many gray hairs) and resulted in an extremely accurate, well-used volume. Later on, the working party produced electronic versions of most of the chapters, allowing the Compendium to be presented on the IUPAC website < w w w.iupac.org/publications/analytical_compendium> and enhancing its utilization and influence.

Through all of his IUPAC work, Allan was always enthusiastic and engaged, and his extensive knowledge of etymology and languages was extremely useful. We find it a wonder that he could juggle so many duties and tasks, considering his close involvement with the Royal Society of Chemistry Analytical Division, several journal editorial boards, a University of Strathclyde lectureship (in his retirement, no less), his IUPAC work, and his varied travels. We will be forever grateful for the body of work that Allan left behind and for the trails that he blazed, and we will remember him both as an extremely accomplished and able colleague and a good friend. We send our deepest sympathies to Allan's wife, Dorothy; his daughters, Jenny and Helen; his son, Allan; and his four grandchildren.

David S. Moore and Janos Inczédy wrote this tribute on behalf of the entire IUPAC organization.

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