Metallurgy Graduates in Canadian/U.S. Space Project

Two of our metallurgy graduates, Neil Blake and Lynann Clapham are members of Canada’s Queen’s University team which has won a $200,000 award from the Canadian National Research Council.

The Queen’s team has won a chance to conduct an experiment aboard the U.S. space shuttle in 1986.

The award, announced in Ottawa by the National Research Council, caps about 10 years’ work for Reg Smith, head of metallurgical engineering at Queen’s.

He heads the five-member group which will take advantage of the near zero-gravity conditions on board the shuttle to test whether an aluminium-indium alloy can be made to mix evenly in liquid form.

This is the impossible on earth because gravity causes the two metals to separate, with the indium falling to the bottom.

The opportunity is a special triumph for Smith and his research associate, Wollongong graduate, Neil Blake.

Smith and Blake have been working on experiments leading up to the shuttle test for several years. They have been assisted during the past year by Lynann Clapham, a research student. Lynann Clapham attained the highest mark ever in Wollongong’s Metallurgy course.

The Queen’s experiment was judged the best of 27 submissions from 18 Canadian universities in the special competition sponsored by Telesat Canada, Spar Aerospace Ltd., and the Research Council.

Contest rules said the experiment had to be small enough to fit in a tiny canister strapped inside the shuttle cargo bay, and simple enough so as not to involve the shuttle’s crew.

The Queen’s team will develop the experiment and the Research Council will provide the equipment and expertise to prepare it for space.

RESEARCH SUBSIDIES UNDER THE INDUSTRIAL RESEARCH AND DEVELOPMENT INCENTIVES ACT 1976

Academic Departments should keep in mind when doing IR&D for companies, that the research could be increased by subsidy through Government Grant if Uniadvice is involved.

Uniadvice has recently had some discussions with the relevant authority on the above-named Act. The main points of the Act are related to the Commonwealth Grants for Industrial Research and Development in manufacturing, mining, construction and software production.

1. Commencement Grants - which are “intended to encourage and assist companies, whose IR&D activities have not yet developed to the stage where major projects are being undertaken, to establish or develop a basic capability in industrial research and development”; and

2. Project Grants - which are “payable, at the Board’s discretion, in support of particular IR&D projects undertaken by companies with established research and development facilities”. Selection criteria apply.

Eligibility for small companies to receive the grant may be given if the work is done through an approved Research Organisation, and Uniadvice is expected to be recognised as such.

SCHOOL OF CREATIVE ARTS LAUNCHES STEINWAY PIANO APPEAL

Professor Edward Cowie, Head of the new School of Creative Arts in Wollongong University has launched a massive appeal for the sum of $43,000 to secure a full Steinway Concert Grand Piano for the Music Auditorium in the School of Creative Arts.

“The Piano has already left Germany by boat,” Edward Cowie told me. “Why do we need such an instrument? Well, the defenders of the America’s Cup wouldn’t put a small sailboat to sea against the challengers ... now would they? This instrument is a fabulous thing, and will form the ‘mainspring’ of our concert series for and on behalf of the people of Wollongong.”

Professor Cowie mentioned the great support which is growing up in the community, and the influx of very talented students to the School. Internationally famous Artists are now working at the University, and the quality of exhibitions, theatrical performances and...
concerts has risen way above those dreamt of a year ago.

"This instrument has been offered to us at a third of cost," Professor Cowie stated. "The support of the people of Wollongong is vital right now, if we are to secure the piano when it arrives in Australia. I can promise nothing short of fabulous musical events if we are able to get the money together. To delay now means that we would pay a great deal more for an instrument of less quality than this one," Cowie stated.

"If only one thousand people gave us $40 each, we will have the piano in the hall by August," he said.

A scroll will be prepared with the names of all the donors, which will be placed in a place of honour in the School of Creative Arts’ new gallery due to open at the end of this year. What a superb thing it would be if, in the 150th year of its foundation, the people of Wollongong could rise to Professor Cowie’s challenge! Cheques should be made out to “School of Creative Arts Piano Appeal”, and receipts will be sent out for tax purposes.

Professor Cowie said, “When Beethoven sat down to write all those fabulous piano pieces, I know he would have never dreamt that they could be played on a perfect instrument on the other side of the world! Well, it’s up to the people of Wollongong to show us what they want, and how they feel. I have every faith that the appeal will succeed ..." he said.

Donations to be sent to the Secretary, School of Creative Arts Piano Appeal, School of Creative Arts, University of Wollongong, P.O. Box 1144, Wollongong, 2500.

Job Vacancies

JOB VACANCIES

Details of the following positions are displayed on the Campus News Notice Board situated in the Administration Annexe.

Adelaide
- Lecturer in Japanese Studies
- Lecturers in Computer Science

Wollongong
- Secretary in Metallurgy
- Foreman - Mechanical
- Incremental Clerk - Staff and General Services
- Personnel Officer
- Patrol Driver
- Attendant Cleaners

Massey, N.Z.
- Postdoctoral Fellowships
- Lecturer in Social Anthropology

N.S.W.
- Lecturer in Accounting
- Lecturer in Applied Geology
- Professional Officer in Organic Chemistry

A.N.U.
- Equal Employment Opportunity Officer

United Nations
- Various vacancies
Equal Employment Opportunity Project

The Vice-Chancellor will shortly release the University's Policy Statement on Equal Employment Opportunity. Copies will be made available throughout the University. The Policy Statement summarises the University's commitment to Equal Employment Opportunity, including an outline of the Council resolutions on the topic and the membership and terms of Affirmative Action Working Party. In addition the terms "Equal Employment Opportunity and Affirmative Action" are outlined, as is the Commonwealth and State discrimination legislation. An outline of the stages in the preparation of the University's Equal Employment Opportunity Management Plan is given and some of the key issues that might be addressed are listed.

The University will not wait till the Management Plan itself is completed and submitted to the N.S.W. Government before taking positive steps towards achieving equality of employment opportunity. As far as possible the University will be moving progressively on implementation. This will, of course, involve moving proposals through the normal University decision-making bodies.

"Affirmative Action for Women" Policy Discussion Paper

By now many members of the University will have read of the release of the "Affirmative Action Green Paper" by the Prime Minister on Tuesday 5 June. The E.E.O. Project is organising to obtain copies to be distributed throughout the University.

There has been considerable debate in the press about the Green Paper and about the pilot programme of affirmative action for women employed in 28 major companies and tertiary institutions. The bodies that agreed to take part in this pilot are: The AMP Society; Ansett Transport Industries Ltd.; ANZ Banking Group Ltd; Boral Ltd; Bong-Warner (Australia) Ltd; Castlemaine Tooheys Ltd; G.J. Coles and Coy Ltd; Argyle Diamond Mine Pty. Ltd. and Sulphide Corporation Pty. Ltd., divisions of CRA; CSR Ltd; Dunlop Olympic Ltd; Esso Australia Ltd; John Fairfax and Sons Ltd; Ford Motor Company of Australia Ltd; Mitsubishi Motors Australia Ltd; Reckitt and Colman Australia Ltd; Santos Ltd; Simpson Ltd; South Pacific Hotel Corporation Ltd; Thomas Nationwide Transport Ltd; Unilever Australia Ltd; Westpac Banking Corporation; Woolworths Ltd; Wormald International Ltd; J.B. Young Ltd; The Australian National University; Griffith University, and South Australian College of Advanced Education.

The Green Paper sets out clearly the Commonwealth Government's commitment to encouraging policies which enable women who wish to enter the labour force to do so and to participate fully in employment. In his preface the Prime Minister acknowledges that:

To date, women's skills and talents have not been utilised in our workforce to the fullest extent possible. The country is the poorer for it. This policy Discussion Paper proposes a means of improving the participation of women at all levels and in all sectors of the labour market.

The Green Paper presents material on the nature of Affirmative Action for Women, the need for it to occur, and current measures to improve Women's Labour Market Status. There is clear guidance on how to implement an Affirmative Action Programme and a Summary of the Government's Proposals. In Volume 2 a series of appendices sets out the National Labour Consultative Council Guidelines for Employers, statistics on women in the labour market, and an outline of Anti-Discrimination Legislation in Australia.

It is hoped that members of staff throughout the University community will find the discussion paper of interest and value in the context of the University developing its own affirmative action programmes.

Seminars

Details of the Seminars below are displayed on the "Campus News" Notice Board in the Administration Annexe.

CENTRE FOR MULTICULTURAL STUDIES – MONTHLY SEMINAR SERIES

Carmel Niland, President of the N.S.W. Anti-Discrimination Board will be speaking on aspects of ethnicity and race with relevance to the workings of the N.S.W. Anti-Discrimination Board. Her talk will be in the open seminar series sponsored by the Centre for Multicultural Studies.

Wednesday, July 4th at 4.00 p.m., Northern Lounge, University Union.

NATIONAL TECHNOLOGY STRATEGY UNDER SCRUTINY

The Centre for Technology and Social Change is convening a public meeting on Saturday, 30th June, 1984 at 9 a.m. in the Pentagon at the University of Wollongong to discuss the implications for the Illawarra Region of the recently released National Technology Strategy Discussion Draft.

The Speaker, Neville Hurst, who is the First Assistant Secretary of the Department of Science and Technology in Canberra, will address the meeting to briefly explain the Strategy.

The meeting will be open to general discussion by all interested members of the Community and is expected to run until approximately 1.00 p.m.

Further information may be obtained by contacting the Centre on 270639 or ext. 3639.

EQUAL EMPLOYMENT OPPORTUNITY PROJECT

Wednesday, 4th July at 2.00 p.m. in the Common Room, University Union.

Carmel Niland, President of the Anti-Discrimination Board, will speak on the work of the Anti-Discrimination Board and the processes involved in handling complaints that go to the Board.

FACULTY OF EDUCATION

"Learning, Thinking and Communicating in a socio-cultural context: Theory and preliminary data”.

Presented by Dr. P. de Lacey and Professor B. Randhawa, Faculty of Education.

9th July at 4.30 p.m. in Room 107, Curriculum Resource Centre (Building 22).
General Notices

DEPARTMENTS CALLED TO NOMINATE VISITORS

The Department of Education and Youth Affairs has called for submissions from universities for Visiting Professors under the Commonwealth Scholarship and Fellowship Plan.

The Visiting Professorship is a senior award provided by the Australian Government under the Commonwealth Scholarship and Fellowship Plan. Awards are intended to assist Australian Universities in bringing professors working in any Commonwealth country to Australia for teaching and research preferably for a full academic year but not less than two terms or one semester. Each year, three awards are made available. A nominee is required to be a citizen of a Commonwealth country, or a non-Commonwealth citizen who has resided in the Commonwealth country for the last five years.

Nominations close on 31st July.

Further details on “Campus News” notice board in the Administration Annexe.

ASSOCIATION OF COMMONWEALTH UNIVERSITIES

The Association has announced that lists of University Institutions in the Commonwealth are available from the A.C.U. in London.

A.F.U.W. - N.S.W., RIVER GROUP FUND

The Australian Federation of University Women, - N.S.W., River Group is able to offer a number of small grants, each not exceeding $200, to women undertaking study or research leading to a post-graduate degree, in order to provide them with extra monetary assistance for incidental expenses such as typing of material, purchase of a special piece of equipment and/or books, etc.

Further detail and application forms can be obtained from the Secretary, A.F.U.W. - N.S.W., Suite 919 Challis House, Martin Place, Sydney, 2000. Applications close on 15th August, 1984.

CORRECTION

In last week's issue a list of Faculty Chairmen was published. The Editor apologizes for omitting the Faculty of Science, Chaired by Associate Professor Peter Bolton.

Concerts, Exhibitions and Entertainment

GRAHAM GALLERY

Readers are invited to a Special Exhibition of Sculptured Weavings by Dora Kiwi from July 8 to 29, 1984.

Preview: Sunday, July 8, 11 a.m.

Official Opening by Wayne Davis, Assistant Outreach Co-ordinator, Technical and Further Education.

Graham Gallery, 135 Cordeaux Road, Kembla Heights. Hours: Saturday and Sunday 12.00 - 5.00 p.m. or by appointment phone (042) 715442.

THE Q THEATRE PRODUCTION OF A HARD GOD


Rich, warm, comic, big hearted - A story that will make you laugh and cry. A good yarn about the struggles of an Irish-Australian family living in Sydney's western suburbs who still bear the scars of the depression and accept their misfortune as the will of God.

A 1984 Higher School Certificate play. Starring Ben Gabriel, Philippa Baker (of No. 96), David Ives, Grant Smith and Leila Blake. The two young boys are played by Bret Climo and Michael Green. Directed by Terry Brady. Designed by Arthur Dicks (guest lecturer at the University's School of Creative Arts).

Tickets from Wollongong University Union or Wollongong Town Hall. Adults $10.80; W.A.C.Member $9.80; Concessions $6.30; Party bookings (minimum 20) $8.50 and $4.50.

Priority bookings for Arts Council Members until June 22 at University Union or send to Priority Bookings, University Union, P.O. Box 1144, Wollongong. (Enclose self-addressed envelope please).

ILLAWARRA PLAYWRIGHTS ASSOCIATION

Auditions for the evening of locally-written short plays to be produced by Illawarra Playwrights Association over September will be held on Sunday, July 15, 2 p.m. and Tuesday, July 17, 7 p.m. at Workshop Theatre, Gwynneville. Submissions of manuscripts to "Local Playwrights, P.O. Box 1, Wollongong East, 2500" close on July 6. Perusal of submitted manuscripts by interested actors, directors and technicians may be arranged by ringing 297307 Monday - Friday 8 - 10 a.m. General enquiries: Phone 291067.

ENTR'ACTE — AUSTRALIA'S THEATRE OF MIME AND MOVEMENT

ENTR'ACTE has combined Bauhaus design principles with the movement theatre of corporeal mime in a sequence of pieces entitled "Refractions". An outstanding success among New Form in 1983 it comes to Wollongong after season in Adelaide, Perth, Sydney and Newcastle and will visit Canberra and Melbourne in July.

To encourage community involvement in this unique company, workshops, master classes and lecture demonstrations will be conducted by Artistic Directors, Pierre Thibaudeau and Elisabeth Burke. These will be of interest not only to actors, dancers and models but architecture, art and design students.

Venue: Refractions will be presented on Thursday 12th, Friday 13th and Saturday 14th July at the Union Hall. Bookings are at Wilson Record Bar on 291470 and the Union Office on 297833.

Presented by the Australian Elizabethan Theatre Trust which gratefully acknowledges the financial assistance of the Theatre Board and the Touring and Access Fund of the Australian Council, a statutory body of the Commonwealth Government.

AFTERTHEARTEFACT

An exhibition of contemporary photographic practice from Friday, 6th July at the Wollongong City Gallery.
AEROBIC AND SELF DEFENCE CLASSES

Aerobic Classes and Self Defence Classes for women are being held at the Wollongong Technical College Union from now till August. Enquiries to Charles Boxall on 296167.

GRAHAM GALLERY

The Graham Gallery has been open since October, 1981. Located at historical Mount Kembla it fulfils a growing need and has brought something new into the area. It is the product of years of experience and the dreams of its director, Coralie Barr. It is the culmination of her secretarial, administrative and art training.

The gallery area is 624 square feet in total exhibition space. A very active schedule has resulted in changing monthly exhibitions and a wide variety of stock.

The exhibition programme offers a major event each month and a special pre-Christmas exhibition and sale.


Coralie has found that paintings, ceramics and glass are the major local interest areas. She feels public response has been excellent and continues to grow at a remarkable pace. In a sense the Gallery may be seen as a symbol of a way of life previously not well served in the area but certainly one that is desired, that is, one rich in cultural experience.

Coralie's philosophy is to stimulate and maintain a professionally run gallery which does not compromise in its contribution to the promotion and marketing of fine art and craftworks nor in its demand for a high standard of work.

The gallery was established to make a positive contribution to the Illawarra community.

Happily an increasing number of nationally and locally known artists and crafts people now list Graham Gallery as a work outlet - thus the contribution may indeed be seen as a positive one for the Gallery.

AN EVENING OF POETRY READING BY DANTE MEMBERS

Hosted by Vincent and Madeleine Cincotta at 19 Oleander Avenue, Figtree.

Saturday, July 14 at 8.00 p.m.

Any Dante member who would like to read and interpret an Italian poetry selection - be it past or present - is invited to come along to this Dante first and join the fun.

Prof. Alfredo Luzi from the University of Urbino will give a seminar on “Letteratura Italiana Contemporanea” on Wednesday, 18th July at the University of Wollongong, from 2.30 p.m. in Room 2106-2107.
DANTE ALIGHIERI SOCIETY DINNER

Saturday, 7 July - 7.30 p.m. at the International Centre.

Sixth Annual Italian Regional Dinner - La Campania - with a special entertainment treat: a Neapolitan intermezzo by the Cabonari Della Commedia, Incontro Con Eduardo De Filippo - con la commedia "Pericolosamente"

This year’s dinner will feature a Neapolitan seafood menu.

As in the past, tickets will be selling for $20.00 and can be had from any committee member. This year we would like to see at least 200 guests at the dinner since it is being organized by a full team of professional "Neapolitan" chefs.

Enquiries: (042) 270635 or 270676.

Scholarships and Prizes

Details of the scholarships and prizes below are displayed on the Campus News Notice Board situated in the Administration Annexe. Application forms are available from the Student Enquiries Office.

Department of Science
Queen Elizabeth II Fellowship and Technology Scheme

Gowrie Trust
Gowrie Scholarship for Post-Tertiary Research $3,500 p.a.

A.N.U.
Postdoctoral Fellowships

Aust. Computer Research Board
Postgraduate Scholarships

Department of Foreign Affairs
Piero Fanti International Prize in Satellite Communications ($10,000)

Advertisements

FLATS TO LET

West Wollongong - 3 bedroom flat in block of four. About 2.5 km. from University. Tel. 281784 evenings.

West Wollongong - 1 bedroom flat in block of four. About 2.5 km. from University. Tel. 281784 evenings.

FOR SALE

VW Beetle 1973 - good mechanical condition, bodywork fair. $800 o.n.o. Ph. (046) 259978 (Davis) or contact S. Rice 287761.

Mitsubishi Sigma 2000 Wagon; July 1980; 34,000; new tyres; regularly serviced; reg. to January 1985. Best offer. 6 Pacific Street, Kiama, 2533.

FOR SALE (until 5.7.84)


L.P. Records: A large collection including classical, contemporary classical, and jazz. Most are in excellent, as new condition and some are for the connoisseur.

Enquiries may be made at 29.2506.

UNIVERSITY CATHOLIC SOCIETY

The Catholic Society holds Mass at 12.40 p.m. each Thursday during term time in the Union Common Room or the Northern Lounge where appropriate. Fr. Clem Hill, Catholic Chaplain, tel. 284941.

CAR FOR SALE

Corona Station Wagon, 1977. $3,400 o.n.o. Phone: 270727 or 296475 a.h.

TO RENT

2 bedroom cottage set in large rambling garden at Wombarra.

Furnished and with piano. 2 minutes walk from transport, shops and beach.

Rent $100 per week with 6 month lease in the first instance.

Contact: (02) 6622108 or message on 6622173.

FOR SALE


TYPEWRITER FOR SALE

Automatic self-correcting Olympia with 2½ doz. ribbons and lift off tapes. Two golf balls $450 o.n.o. Ring (046) 771674 or (042) 270562.

UNIT TO RENT

West Wollongong. Two bedroom unit in block of two only with garden. Rent $60 p.w. Ph. 281784 evenings.

WANTED TO RENT

Furnished accommodation required (two bedrooms) for visiting overseas lecturer for the period from beginning of July until the end of October. Please phone 270065.

DID YOU KNOW that the University needs the support of its graduates and that this can be delivered through the Graduates Committee of the Friends of the University?

Membership of the Graduates Committee is open to all members of Convocation for $10.00 p.a. or $40 for Life Membership.