Student

Demand for accommodation

Professor Michael Carter said at the Senate meeting on February 29 that preliminary enrolment figures for 1984 suggest that there would be a very significant increase in the University's student numbers.

There appears to have been increases in the number of first-year enrolments, the number of re-enrolments whilst the number of postgraduate enrolments were holding up.

The Deputy Chairman of the Senate said the increase in enrolments had occurred across the board in all Faculties.

On a percentage basis, the growth this year in Economics and Commerce (41 per cent) and Arts (35 per cent) seemed to be the highest. The situation had exerted extra pressure on some Departments which previously had high staff-student ratios and they would have to be given emergency assistance.

Nonetheless, the Deputy Chairman said, it was pleasing to see a resurgence in enrolments in the Faculty of Arts and other areas in which student numbers had been falling.

There was another pleasing feature: the Commonwealth Government had increased the allocation of postgraduate scholarships it made to the University by two. The Commonwealth would now support 14 scholarships.

The University is in a critical situation because of the shortage of student accommodation in Newcastle.

An increasing demand for places at the University, coupled with an acute lack of accommodation on the campus, has placed a severe strain on the Accommodation Service, which has been unable to cope with the heavy demand.

The Vice-Principal, Professor Ken Dutton, said that the Accommodation Service has had to say, "Sorry, we have no accommodation left" to many qualified students from the Hunter Valley, North Coast, North West, Sydney, the Central Coast and overseas.

Professor Dutton made clear the fundamental fact: the students, who came from country areas outside commuting distance of the University, were now in the perplexing position of having to look for another university or drop their university careers altogether.

"Some of them are the engineers, architects and doctors of tomorrow, so if they can't accept their offers of admission to the University they may be lost to this nation."

The university's dilemma was worsened by the acute shortage of student accommodation on the campus. Edwards Hall, with just more than 200 beds, was full, unfortunately for the University, the Federal Government had provided it with less funds for accommodation on a per student basis than it provided the other universities in Australia.

"We have the great problem that all suitable accommodation in Newcastle for country students has gone", he said.

Professor Dutton has appealed to residents of Newcastle and staff who might be able to offer students full, or part, board to get in touch with the Accommodation Officer, Mrs. Kath Dacey by telephoning 68 5520. Even offers of temporary accommodation would be appreciated, as instead of rejecting their offers of places the students could be provided with a base from which to arrange permanent residency.

Inside: New Deputy Chancellor
V-C reports on 1983

It is the Vice-Chancellor's view that with the growth in student numbers in both the University and Newcastle CAE, and with sensible co-operation, the amalgamation issue is over.

Professor George gave his annual report to the Council on events which took place in the previous year. He noted the fact that he was commencing his 10th year of service with the University.

For the University, 1984 is clearly a watershed year, the Vice-Chancellor believes. Either the Government recognises our growth and funds us accordingly for the next Triennium or the question of quotas (or higher cut-offs) in an ever-increasing range of academic activities is staring us in the face.

That such a step would be inconsistent with the Government's expressed desire to increase, rather than reduce, tertiary educational opportunities must be argued cogently and publicly, as well as in all our contacts with Canberra, he says.

"To this extent, I doubt that we have done enough to investigate in depth the disadvantaged groups in the Hunter Valley, for whom a strong case should be able to be made in this respect, with Council's support, I would like to commission such a study this year."

The future of postgraduate studies and the Auchtunity Library were the two main subjects discussed by the Vice-Chancellor in his report.

On the matter of postgraduate studies he said there had been a steady movement towards postgraduate studies, with the percentage of postgraduate enrolments increasing by the order of 50 per cent over the period 1975 to 1983. The actual figures: 1975, 7.6 per cent; 1976, 7; 1977, 7.9; 1978, 8.8; 1979, 9.2; 1980, 9; 1981, 11.3; 1982, 12.4, and 1983, 11.5 per cent.

The Vice-Chancellor said, "The most recent statistics I can locate are for 1982 when the national percentage had increased to 14 per cent. At 12.4 per cent, Newcastle was in a better position than, say, Griffith (9.8 per cent), La Trobe (9.4 per cent), Monash (5.9 per cent), and Deakin (5.9 per cent), but well below the long-established universities (e.g., Sydney 18.6 per cent), New South Wales (17.2 per cent) or Melbourne (14.8 per cent)."

Professor George asked what was the state of postgraduate studies in the University? At a time when comment continued to surface about first- and second-class universities, with postgraduate training and research being the distinguishing feature of the former, and "concentration" (not just in terms of Centres of Concentration or Excellence) was still the predominant mood of the time, it seemed to him vital that we do all we could to sustain and strengthen this particular aspect of our responsibilities. The outside research funds awarded to staff (valued at $238,354 in 1983 and equivalent to 997 people employed full-time) are essential as the basic source of research funding, but their supplementation this year with $230,000 from discretionary funds ($200,000 allocated by Senate's Research Committee, plus $30,000 for a new CSIRO-University collaborative research agreement matched by $30,000 from CSIRO) will go some way towards meeting this objective.

The promotion of the full intellectual development of the most talented students and the maintenance of a flow of highly trained personnel to the workforce must surely be high on our institutional objectives, as well as for the country as a whole", he added.

Commenting on the financial difficulties of the Auchtunity Library in recent years, the Vice-Chancellor said that the return to strong growth in student numbers occurred in 1983. It became necessary to remind the universities Council of the key role which the Library played in all the University's teaching and research activities and of the pressures on space and accommodation being experienced.

As the Auchtunity Library's collection had built up, the percentage of the University's recurrent budget spent on library materials decreased steadily from 6.1 per cent in 1965 to 3.5 per cent in 1977, not because of any wish to deprive the Library of resources but purely because of growing commitments elsewhere within the University.

"Since then, and despite severe financial pressures leading to frozen and unfilled staff vacancies, it has been our policy to commit a minimum of 3 per cent from the recurrent vote each year for library acquisitions, books, serials, A.V. resources and binding."

"The number of monographs accessioned annually has fallen slowly but steadily over the years 1976 to 1982. In 1977, 21,079 volumes were accessioned, but in 1981 this number had fallen to 14,476. The number of serials has remained constant, at about 7,700 titles, despite the addition of numerous medical journals and new journals in other subject fields, because several rigorous reviews of little used or foreign-language scientific journals have led to the cancellation of several hundred subscriptions."

"The reason for the diminution in monograph accessions is, of course, the rapid rise in the cost of both monographs and serials. From a base average price of $10.88 in March, 1977, the average price of monographs has risen to $22.98 in June, 1982, in the same period, the average serials subscription has risen from $41.17 to $82.78, and these increases are more rapid than the rise in the CTEC non-salary index."

"Despite these real difficulties, the Vice-Chancellor said, the development of the Medical School has considerably enhanced the overall coverage of library materials..vars.
Deputy Chancellor

Dr. Alex Forsythe, who has served both the Newcastle Community and the University with distinction, is the new Deputy Chancellor of the University.

Dr. Forsythe was elected to the position by the Council on February 17. The position became vacant late last year when the Hon. Justice Michael Kirby retired to become Chancellor of Macquarie University.

After the Chancellor, Sir Bede Calleghan, Dr. Forsythe is the longest serving member of the Council. He first became associated with the University as a member of the Advisory Committee of the old Newcastle University College. In July, 1966, he was elected as a member of the first Council of the University.

As foundation member of the University's educational and research company, TUNRA, and Chairman since 1973, he has worked very hard to make the University's research skills available to the Newcastle community.

Appointed Chairman of the Board of Trustees of Edwards Hall in 1973, he has been its only Chairman. He has always given the Hall enthusiastic support and insisted that it be run as a collegiate institution of the highest possible standards.

Dr. Forsythe's service to the community is given in a number of fields. Among the organisations with which he has been associated are the Institute of Chartered Accountants, the YMCA, the Anglican Diocese of Newcastle, various commercial enterprises, including NBN Channel 3, and the State Dockyard.

FILM SOCIETY

This year The Newcastle Film Society will again be offering its members a chance to catch up with some extraordinary movies at an extraordinarily low price (36 films for $20).

In addition to its regular screenings each Saturday at 8 pm in Lecture Theatre B01, the Society will be holding two social weekend festivals, one featuring the classic comedies of Charlie Chaplin and Buster Keaton and the other a retrospective of the films of Jean Cocteau (Chaplin called him the greatest film director in the world).

Most of the 1984 lineup consists of recent European hits, including Diva and Fitzcarraldo, which slipped through Newcastle all too briefly some months back, and The Draughtman's Contract, which opened last year's Sydney Film Festival.

But there's also a sprinkling of established classics: Les Enfants du Paradis, recently selected as "the best French film ever made"; Sawdust and Tinsel, Ingmar Bergman's first masterpiece; and, from Hollywood, Bogle and Baccall in The Big Sleep.

New Director

KINTAIBA
UNITY CHILD CARE CENTRE

Mr. Roger Baxter, Photo: Freedman Studio.

Mr. Roger Baxter has taken up his appointment as Director of Kintaiwa Community Child Care Centre.

Mr. Baxter trained as a pre-school teacher, graduating from Macquarie University in Sydney as a Bachelor of Arts and Diploma in Education.

After university he went to the post of Director of the Community Child Care Centre at Sutherland.

He later joined TAFE as a teacher in the Child Care Certificate course, transferring to the Newcastle Branch of TAFE two years ago.

Mr. Baxter's interest in child care is not confined to his work at Kintaiwa. He is enrolled in the Faculty of Education as a M.Ed. student and is researching community and parental involvement in the development of objectives for long day care.

He came from his native Essex to Australia in 1965.
Strong Demand for Places

Very strong competition for places in all Australian universities in 1984 was reported at a meeting of the Australian Vice-Chancellors' Committee held at the University of New England on February 14.

"This strong demand emerging for university places represents a marked change in the aspirations of young people compared to those several years ago and is indication of a keen interest in university education", said the Chairman of the AVCC, Professor Michael Birt.

At the request of the Australian Government, the universities have increased opportunities for school leavers. The universities have, however, been forced to set intake quotas which are limited by their available money and buildings.

In many instances, the numbers of qualified applicants have exceeded significantly these intake quotas. For school leavers, the minimum cutoff scores to secure entry have risen sharply compared to the corresponding situation in 1983.

Projected total enrolments in most universities will exceed their planned student loads for the current 1982-84 triennium. This has been caused by a continuing shift of students to full-time enrolments, the greater retention of later-year students in undergraduate courses, together with increased participation in postgraduate and research-degree programmes. More universities have now been forced to impose limitations on their intakes of higher degree students.

Newton-John Award

Presentation of the 1983 Newton-John Award to Dr. Roy Gilbert, Director of Housing in Victoria, at a dinner in the Southern Cross Lounge, The Union, on Friday, March 23, at 7.30 pm.

For further details, and tickets, please telephone either 68 5213 or 68 5328. The cost of the dinner will be $15.50 per person.

Computing Seminars

The Computing Centre will present two seminars entitled Computing Centre Facilities for staff and postgraduates. The seminars are aimed primarily at new users, though all are welcome to attend.

The seminar will be given from 1 pm until 2 pm in Room V103 in the Mathematics Building on consecutive Wednesdays:

March 7: Facilities (Paul Butler).
March 14: Software (John Lambert).

Obituary

2NUR-FM listeners and staff were saddened to hear of the death of Mr. Ralph Gulliver, one of the radio station's stalwart jazz presenters.

Ralph died on February 9 aged 51. He presented a weekly jazz programme from the commencement of broadcasts by the station in March, 1978.

Ralph was well-known for his wide knowledge of jazz and his vast collection of recordings. His interest in jazz crossed the whole spectrum from traditional to contemporary.

Hence the title for his long-standing programme, Jazz Spectrum, broadcast on Wednesdays at 4 pm.

Ralph's contribution to 2NUR-FM was invaluable and he will be sadly missed by all at the station and everyone who enjoyed his programme. Ralph gave us almost six years of top-class music and information in his field and these will be cherished.

The Vice-Chancellor's FIRST TERM STAFF MEETING will be held in the DRAMA THEATRE on MARCH 13, at 1.05 pm.
The following classes of instruction will be held, as part of the Sport and Recreation Programme, from March 5:

Tuesdays - Photography, Noon until 1 pm, Michael Nelson Dark Room, University Union. Yoga, 5 pm until 6 pm, Green Room in the Great Hall. Gymnastics, 4 pm until 7 pm, Auchmuty Sports Centre. Exercise to Music, 1 pm until 2 pm, Auchmuty Sports Centre.

Wednesdays - Tennis, 6 pm until 8 pm, Tennis Complex, Auchmuty Sports Centre.

Thursdays - Tae-Kwon Do, 8 pm until 10 pm, Auchmuty Sports Centre.

Fridays - Squash Instruction and Round Robin Squash, Noon until 2 pm, Squash Pavilion. Indoor Soccer, 1 pm until 3 pm, Auchmuty Sports Centre.

The Squash Club's annual general meeting will be held in the Sportsman's Bar in the Pavilion on Tuesday, March 6, at 5.30 pm. The meeting, which will last one hour, will be followed by a barbecue and drinks. Cost: Squash Club members $3 plus other interested parties $5.

The Hunter Valley Gilding Club Co-Operative Ltd. is anxious to promote the sport locally. Interested students or staff should telephone Paul Gibson, the Honorary Secretary, at 68 2511 (office hours) or 96 4324 (after 6 pm).

The 1983/84 University 5-A-Side Summer Competition, played at the Auchmuty Sports Centre, terminated for the season on Thursday, February 23. Results: Final - Santos 5 Bluebells 1; playoff, Qantas Bears 6, Sweatshogs 5.

University Surfriders' Club will hold a barbecue in the beer garden of Stan's Bar on Wednesday, March 7, from Noon until 1 pm.

The Club's annual general meeting will be held in the Auchmuty Room in the Union on Thursday, March 8 at 1 pm.

The Commonwealth Department of Health has advised that persons travelling to Bali should be immunized against cholera and typhoid and that anti-malarial medication is to be taken prior to leaving Australia. If you require more information please telephone the University Health Service, Extension 763, or call into the Service in the Union Building.

A group of concerned students are presently forming a Peace and Nuclear Disarmament Group on the campus. They hope a large membership will be attracted, be they students, office staff, academics, cafeteria staff, security personnel or others.

The proposed aims of the group will include working towards, and promoting:

- A nuclear-free Australia.
- A nuclear-free Pacific and an Indian Ocean zone of peace.
- An end to the mining and export of uranium.
- Removal of any facility, such as foreign bases, which contributes to the preparations for nuclear war and international tensions and which invites nuclear retaliation on our country, and
- An end to the arms race.

The two speakers on March 8 will be Roman Bedor, a lawyer, who, in 1978 and 1979, appeared before the United Nations Trusteeship Council to present the case of the people of Baliu in their struggle for self-determination and independence, and Abon Jeadrick, who was involved in "Operation Homecoming" - a sail-back and occupation of KwaJaleln Atoll by the landowners and their families.

Further speakers and films will be organised by the Peace and Nuclear Disarmament Group during the year.

The first meeting will be held in the Auchmuty Room in the Union on Thursday, March 1 at 5 pm. The guest speaker will be internationally-known Peace activist, Peter Jones.

In almost 20 years of activism, Peter has worked with peace, nuclear disarmament, anti-uranium and anti-racist organisations in many countries.
2NUR-FM commences its first formal training course in radio production skills on Monday, March 5.

Skills to be covered in the course, apart from basic operation of the studios and all equipment, include programme presentation, writing for radio, broadcasting law, interviewing techniques and editorial discretion.

Staff interested should contact the station at Extension 713 before Monday.
Staff changes in the Department of Drama over the past few months have meant the appointment of a completely new full-time lecturing staff.

Mr. Barry O'Connor has come to the University of Newcastle from the University of New South Wales, where he was a Tutor in Drama. He was trained as a teacher, graduating from the University of Sydney and subsequently teaching English and Drama at Armidale Teachers' College. He went to the United Kingdom and Europe before becoming a postgraduate student at the University of Toronto, in Canada, graduating with an M.A. degree and subsequently commencing a Ph.D. degree. He also trained as an actor at the Hart House Theatre. He was in Canada for eight years prior to returning to Australia in 1980.

He will be chiefly involved at the University of Newcastle in teaching and also research into eighteenth century acting-theory. His workload, he says, will probably prevent him from taking a part in drama productions at least until next year.

Dr. Jane Goodall, the other new Lecturer in Drama, was prior to coming to the University attached to Macquarie University as a Tutor in English and Drama. She took a Ph.D. degree at Macquarie, writing a thesis on the plays of post-war British playwright John Whiting. She originally moved from her native Yorkshire to London University, gaining a B.A. degree with honours and subsequently being awarded a Certificate of Education by Oxford University.

Dr. Goodall's interests are twentieth century drama and directing. In Sydney she worked in a number of stage productions, the Actors' Collective's presentation of Trevor Griffiths' Occupations at Nimrod Downstairs being the most recent. She hopes to have time to direct a Department of Drama production at some time in the future.

Mr. O'Connor and Dr. Goodall are both married and each has a son.

New Drama Staff

Dr. Jane Goodall and Mr. Barry O'Connor.

PRODUCTIONS

Man's Best Friend (Studio), March 27 to 31. Devised by the cast and directed by Steve Nantous.

The Chapel Perilous (Theatre), April 25 to 29 and August 2 to 5. Dorothy Hewett, directed by Ken Boucher.

No Exit (Studio), June 5 to 10. Jean-Paul Sartre, directed by Teresa Conicella.

Florrie (Theatre), August 1 to 5 and August 8 to 11. David Allen, world premiere directed by the author.

The Eumenides (Studio), September 2 to 16 and September 19 to 23. Aeschylus, directed by Michael Evans.

King Ubu (dates and venue to be announced), Alfred Jerry, directed by Paul Naider.

Galapagos Duck, the jazz-rock band from Sydney, will give a concert in the Common Room of the Union on Wednesday, April 18, from 7 pm until 10 pm. Admission will be $5.
LONG SERVICE MEDALS

When present and retired University staff were awarded long service medals at a dinner on February 17 the Vice-Chancellor said that the maximum possible service record was 32 years, because Newcastle University College had been established late in 1951. However, a number of staff who joined the College at its birth had previously had links with Newcastle Technical College. The Chancellor, Sir Bade Callaghan, is pictured with three such members of staff: Professor Ray Walker, Assoc. Professor of Chemistry, Mr. Joe Gillespie, retired Technical Officer in Chemistry, and Dr. Geoff Curthoys, retired Assoc. Professor of Chemistry. Present and retired staff who were eligible to receive long service medals were accompanied by their spouses to the dinner. Members of the Council joined them. Photo: Newcastle Herald.

Opening the Council meeting on February 17 (the first this year), the Chancellor welcomed the new members elected by Convocation, Dr. Diana Day and Emeritus Professor Laurie Short.

The Council was informed that arrangements had been made for further coursework and assessment to be available to students who had been unsuccessful in the subject Financial Management in the November examinations. The Vice-Chancellor will continue to monitor the situation and include a reference to it in his Report to the next meeting of Council.

Council approved the awarding of Blues to Gerald Patrick Alford (squash), Andrew Geoffrey Butler (cricket), Stephen Eric Curran (hockey), Kerrie Alan Plater (rugby league), Cameron Andrew Ross (cricket) and Nicholas Francis Wright (rugby).

Following a recommendation from the Vice-Chancellor, a committee was appointed to report as soon as practicable (preferably by mid-year) on recommended changes to keep the University of Newcastle Staff Superannuation Scheme generally in line with those operating, for example, such as in the University of New South Wales and the University of Wollongong.

The committee comprises Dr. A. Forsythe (Chairman), Professor C.G. Renwick, Professor I.G. Sharpe, Assoc. Professor A.J. Dobson, Mr. M.E. Edmonds, Dr. D.W. Dockrell and Mr. G.W. Walker.

The Vice-Chancellor had also recommended that where a full-time member of staff had, for one reason or another, sought and obtained exemption from the State Superannuation Board (or where no access was possible under the rules of the State Fund) or was not and could not become a member of the University of Newcastle Staff Superannuation Fund that the University undertake to provide other superannuation cover, along the lines of the arrangements made for Queen Elizabeth II Fellows, etc. The committee will also report on these matters.

Council decided that superannuation be compulsory in terms of the State Superannuation Acts and Superannuation Board general practice for all full-time appointees financed from recurrent funds whose offer of appointment is dated subsequent to February 17, 1984 and who complete a satisfactory period of probation as determined by the University.

The Council's Advisory Committee on Equal Opportunity reported that it was in the course of formulating procedures for dealing with complaints and grievances concerning sexual harassment.

Council accepted the Committee's recommendation that, in the meantime, a statement be adopted as the University’s statement of its position. The statement reads:

■ Community awareness of sexual harassment and of the problems associated with it has recently been heightened. This has been brought about by the momentum generated by the New South Wales Government following its passing of the Anti-Discrimination Act, 1977 and also, more recently, by the Federal Government and its passage of the Sex Discrimination Act in December, 1983. By virtue of the new existing legislation sexual harassment both in employment and in education is rendered unlawful and relevant statutory bodies established.

■ The University does not have the right to intrude into personal relationships of staff and students but does have a proper concern in cases of sexually harassing behaviour which causes embarrassment or distress to any member of staff or student or reflects on the integrity and standing of the University.
Sexual harassment consists of any verbal or physical conduct of a sexual nature which is unsolicited and unwelcome and which - submission to such conduct is implicitly or explicitly a term or condition of an individual's academic evaluation or employment, or submission to such conduct is implicitly or explicitly a term of condition for decisions which would affect an individual's grades in academic evaluation or employment conditions such as promotion, salary, or any other work or study condition, or such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance, or such conduct creates an intimidating, hostile or offensive working or academic environment.

Sexual harassment does not refer to occasional compliments. It refers to behaviour which is not welcome, which is personally offensive, debilitates morale, and interferes with the work effectiveness of its victims. Sexual harassment may include actions such as - sex-oriented verbal "kidding" or abuse, physical conduct such as patting, pinching or constant brushing against another's body, subtle pressure for sexual activity or demands for sexual favours accompanied by implied or overt promises of preferential treatment or threats concerning an individual's employment or academic status or assessment.

Sexual harassment is an unacceptable form of behaviour of which the learning and work environment of the University must be free.

The Advisory Committee on Equal Opportunity noted that a start had been made in applying equal employment opportunity principles to academic staff selection by the appointment of a woman member to all selection committees.

However, it believed that the application of EEO principles also involved training for members of selection committees. The Committee had been informed that the Hunter District Water Board ran relevant training programmes.

Council agreed to the University sending members of staff to the next available course of the Hunter District Water Board and such training becoming part of the University's ongoing processes.

Further, the Advisory Committee on Equal Opportunity noted that with the inclusion of women members of selection committees a start had been made by the University in applying EEO principles to the selection of academic staff. However, the Committee recommended that the same principles be applied to the selection of general staff, including staff employed under outside research funding.

Dr. Rodney Vaughan, Senior Lecturer in Mathematics, Statistics and Computer Science, has been seconded to the staff of the Hunter District Water Board and such training becoming part of the University's ongoing processes.

Dr. Vaughan holds B.Sc., M.Eng.Sc., and M.E. degrees in the University of New South Wales and a Ph.D. in the University of Adelaide. He has held posts with the New South Wales Department of Motor Transport, the University of New South Wales, the University of Adelaide and the University of Sussex and has spent periods as a visitor at University College, London, Pennsylvania State University, United States of America, and the University of Toronto, Canada.

Dr. Vaughan will take wide experience in transport engineering, in particular the mathematical and statistical areas, to the work of the Department of Transport in Western Australia.

Mr. T. Slevin, a student member of the Council, reported that the Childcare Centre interim Committee of Management (a Committee of the Newcastle CAC Council) had been quietly, but effectively, working since September, 1983, to establish a Childcare Centre in the CAC grounds to serve College staff and students and students of the University.

"The Committee is confident", he said, "of securing a State Government grant to pay for the cost of alterations to the old Caretaker's Cottage in the College grounds so that the Childcare Centre meets Youth and Community Services requirements.

"The first stage of the Childcare Centre, scheduled to be opened in May, 1984, caters
Chair Filled

Assoc. Professor A.J. Guttmann has been appointed to the Chair of Mathematics which became vacant on the retirement of Professor R.G. Kests.

Professor Guttmann, who is 38 years of age, is a graduate of the Universities of Melbourne (B.Sc., 1965; M.Sc., 1967 with the Dixon Prize for first place in the M.Sc. examination) and New South Wales (Ph.D., 1969). He became a Lecturer in Mathematics at the University of Newcastle in 1971 and was successively promoted to Senior Lecturer (1973) and Assoc. Professor (1979), which is his present appointment. During this time he has held visiting appointments at the Australian National University, the University of Exeter, Stanford University, King's College London and the University of Toronto, Canada, in 1978 he received a Fulbright Senior Scholarship, in which he was attached to the Department of Aeronautics and Astronautics at Stanford University.

Professor Guttmann's research activities have lain in several areas of the mathematical and physical sciences, principally in discrete mathematics, combinatorics and numerical analysis. He has also been interested in applying these areas of mathematics to the modelling of phase transitions and analysis of problems in fluid mechanics, and in the design and analysis of efficient algorithms for solutions to problems in computational mathematics. His original contributions to knowledge in these fields have won him an enviable international reputation and he is acknowledged as one of Australia's leading younger mathematicians.

Professor Guttmann has served on a wide range of University committees and review bodies and previously served as Head of his Department from 1978 to 1981.

Mr. Slevin also spoke about the Health Service at the University and the Health Service at the CAE and submitted that as the Health Service at the CAE could not provide sufficient health care for the students of the CAE the students ought to be provided with access to the University Health Service.

Council noted that the Vice-Chancellor would report to Council when introduction of Medicare on the Health Service had been evaluated.

The Vice-Chancellor was asked to discuss the possible production of a history of the University with the Head of the Department of History.

IN JAPAN

Professor Brian Fraser, Assoc. Professor of Physics, is at present making a three-week visit to research laboratories in Japan.

Late last year Professor Fraser was awarded the visit under an exchange agreement sponsored by the Australian Academy of Science and the Japan Society for the Promotion of Science. This kind of exchange is confined to the field of natural science and takes the form of a visit of three to four weeks by a senior scientist, who gives lectures and exchanges ideas and information with scientists in the host country.

Professor Fraser's visit is related to his research on geomagnetic pulsations, which are fluctuations in the Earth's magnetic field in the 0.001 - 0.01 Hz frequency range. The research group in the Physics Department has field stations situated across Australia and in Antarctica recording these signals, which are used to study wave propagation and generation mechanisms taking place in the magnetosphere, the plasma environment high above the Earth's atmosphere, Australia and Japan have common interests in this research area, since the two countries are favourably situated with regions in Southern and Central Australia and Japan at opposite ends of the same Earth's magnetic field line.

While in Japan Professor Fraser will visit five institutions which undertake geomagnetic pulsation and space plasma physics research. These include the University of Tokyo, the Institute of Space and Astronautical Science, Tokyo, the National Institute of Polar Research, Tokyo, the Geophysical Institute of Tohoku University, Sendai and Kyushu University in Fukuoka.

At the National Institute of Polar Research, Professor Fraser has been invited to present a paper on the spatial characteristics of low latitude geomagnetic pulsations at a three day Polar Symposium.
Appointments

Dr. James A. Dickinson, Lecturer, Faculty of Medicine.

Mr. Vincent T. Ford, Patrol Attendant, Bursar's Division.

Dr. John D. Hamilton, Dean, Faculty of Medicine.

Dr. Richard F. Heller, Assoc. Professor, Faculty of Medicine.

Dr. Richard L. Hanry, Senior Lecturer, Faculty of Medicine.

Mr. Adriano L. Iakin, Sport and Recreation Officer.

Professor Bushan L. Karthalo, Professor of Civil Engineering and Surveying.

Dr. Barry S. Maitland, Professor, Faculty of Architecture.

Dr. Douglas R. Mason, Lecturer, Geology Department.

Mrs. Allison M. Milligan, Stenographer, Secretary's Division.

Mr. Anthony T. Mullen, Technical Officer, Language Laboratory.

Ms. A. Chew Ng, Lecturer, Department of Economics.

Mr. Kevin G. Nicholson, Lecturer, Legal Studies Department.

Mr. William F. Pembroke, Patrol Attendant, Bursar's Division.

Mr. Jim Psaras, Tutor, Commerce Department.

Mr. Edward C. Punshon, Patrol Attendant, Bursar's Division.

Dr. Selma Redman, Lecturer, Faculty of Medicine.

Dr. Alexander L.A. Reid, Assoc. Professor, Faculty of Medicine.

Mrs. Jennifer M. Scoble, Assistant Librarian, Auchmuty Library.

Mr. Stuart E. Wilson, Patrol Attendant, Bursar's Division.

Dr. Murray A. Woods, Lecturer, Department of Commerce.

Resignations

Dr. Donald G. Anderson, Faculty of Medicine.

Dr. Mark A. Cromie, Faculty of Medicine.

Miss Marisa T. Dippolito, Stenographer, Secretary's Division.

Ms Elizabeth A. Lidbury, Office Assistant/Typist, English Department.

Mrs. Lillian U. Martyn, Director, Community Child Care Centre.

Dr. William H. Morrell, Faculty of Medicine.

Ms Ann Maylan, Nursing Sister, Health Service.

Dr. Dianne M. Osland, Tutor, English Department.

Mr. Neville J. Schofield, Teaching Assistant, Faculty of Education.

Dr. Raffaele Sicchitano, Faculty of Medicine.

Mr. Gregory E.P. Shailer, Tutor, Commerce Department.

Dr. Bruce S. Singh, Senior Lecturer, Faculty of Medicine.

Mrs. Allene D. Stevenson, Senior Librarian, Faculty of Medicine.

Dr. John F. Stewart, Fellow, Faculty of Medicine.

Dr. Nicholas C. Wormald, Faculty of Mathematics.

Mrs. Susanne J. Gardner, General Library Assistant, Department of Economics.

Dr. Sandra J.U. Grimes, Lecturer, Sociology Department.

Dr. Mitsuhira Hasebe, Metallurgy Department.

Dr. Monica Hayes, Senior Tutor, Faculty of Medicine.

Pottery Exhibition

The Friends of The University is planning a follow-up to the very successful pottery exhibition the group held in the Great Hall in March last year.

The 1984 Pottery Exhibition and Sale kicks off with an official opening by 2NC's David Sayers on March 16 at 8 pm. Subsequently a free wine tasting, provided by Tyrrell's, will be held.

People are also invited to attend the exhibition on Saturday and Sunday, March 17 and 18, from 10 am until 5 pm and on Monday, Tuesday and Wednesday, March 19, 20 and 21 from 10 am until 3 pm.

Mrs. S. Morris and Mrs. W. Kellerman pictured at the 1983 pottery exhibition.
The University and Newcastle CAE have committed themselves to implementing the changes necessary to achieve equal employment opportunity. They have approved the appointment of a joint EEO Co-Ordinator to be responsible for preparation of management plans within both institutions aimed at remediating discriminatory policies and practices.

With equal employment opportunity receiving wide publicity in New South Wales at present, University NEWS asked the Chairperson of the Council's Advisory Committee on Equal Opportunity, Mr. Pran Chopra, to discuss the concept and the first tasks to be performed by the Joint EEO Co-Ordinator.

University NEWS: What is EEO?

Mr. Chopra: Equal Employment Opportunity is the operation of the principle of recruitment and promotion by merit. Simply stated, it means a person's race, sex, marital status or membership of an ethnic or migrant group should not reduce their chances of employment or promotion.

University NEWS: Universities and colleges have now been "scheduled". What does this mean?

Mr. Chopra: The State Government has now brought universities and colleges within the ambit of Part IXA of the Anti-Discrimination Act. These institutions are now required to bring about EEO by taking positive steps to change discriminatory policies and practices and to remedy the effects of past discrimination. These positive steps, or affirmative actions, are to be incorporated in EEO Management Plans.

University NEWS: What is the first step in preparing a Management Plan?

Mr. Chopra: The guidelines for a university Management Plan state that the plan is to examine the formal and informal structures of the university and review all aspects of its operations with reference to employment, promotion and other benefits available to members of staff.

This will uncover the patterns of access to jobs, status and salary, reveal the effects of prejudicial attitudes; and show the hidden effects of accepted practice.

This will be achieved both by surveys conducted by questionnaire and by a review of employment practices from an informed perspective.

GUIDELINES

Guidelines for the development of EEO Management Plans in universities and CAEs have been prepared. Any person interested in obtaining further information is invited to contact the Secretary of the Council's Advisory Committee on Equal Opportunity, Mr. Lionel Farrell, at Extension 215.

University NEWS: So on the basis of this information a Management Plan can be prepared?

Mr. Chopra: Yes, The Management Plan is more than a research document, it is a set of strategies to remedy identified problems, that is to say of affirmative actions. Each of these strategies has a specific objective, a date by which these should be achieved, and a means of evaluating the outcome.

A Management Plan also provides a means of measuring change. Because it has a statistical basis, the effects of actions taken to remove discriminatory procedures can be tested over time.

University NEWS: Tell us a little more about the beginnings of the EEO project.

Mr. Chopra: A Management Plan cannot be prepared without first obtaining the data base, involving the need for major surveys of staff, practices and procedures.

Every aspect of the University's operations will need to be examined: appointment procedures, promotion mechanisms, committee structures, work patterns.

Every member of staff will be called on to participate in these surveys. The views of all staff, full-time, part-time or casual, will be solicited.

The University has until June 1, 1985, to formulate its Management Plan and has it approved by the Director of Equal Opportunity in Public Employment, Ms. Alison Ziller.

University NEWS: As yet we have not got our plan under way. How important is the deadline of June 1, 1985?

Mr. Chopra: It must be recognised that June 1, 1985 is a fixed deadline. There can be no such thing as an extension of time for the simple reason that the Anti-Discrimination Act does not provide for granting any extension. The date must be met. If it is not, then, simply stated, the matter will be taken out of our hands by the powers that be who will step in and carry out their own investigations to determine what is necessary to implement EEO in the University.

University NEWS: Mr. Chopra, you say staff will participate in the early surveys. Will they also have a chance to evaluate the proposed Management Plan?

Mr. Chopra: The Director of Equal Opportunity in Public Employment has suggested that the aim should be to present the draft management plan for initial consideration to the University Council in December, 1984. The Council would wish to refer the draft to Senate staff organisations and unions and other representative bodies for their comment and input, which would be considered by the Council at a later meeting or meetings at which the final plan would be approved.
NEWCASTLE/HAVANA LINK

The United States' antagonism towards Cuba makes life very difficult for Cubans, including staff of universities. The U.S. blockade, which has operated for about 20 years, has curtailed access to academic journals and related materials.

According to three academics from the Department of Education, who were members of an Australian group, the Eureka Working Brigade, which visited Cuba recently, academics from the University of Havana are keen to exchange information with academics from outside Cuba, including those at the University of Newcastle.

Mr. Bob Mackle and Assoc. Professor T. McDonald told the University News that during a very useful visit to the University of Havana the Vice-Rector, Dr. Blanca Trueba, who showed them around and even lent them her car, said that her university would be particularly interested in exchanging information in the science and technology fields. Any journals, articles and abstracts - even recent books in these fields - would be more than welcome over there.

"We undertook to communicate with Dr. Trueba and put together a package of journals and other material by talking to some of our colleagues in Engineering, Physics and Chemistry, Mathematics and so on."

While in Cuba Professor McDonald delivered lectures to researchers in the Ministry of Education and at the University of Havana. He gave the lectures in Spanish, which he speaks fluently.

Mr. Mackle, Professor McDonald and Mr. Chopra say they are struck by the obvious optimism of the Cuban people, despite the great problems they face. The reality is that they have a huge neighbour, with more than 200 million people, trying to "stamp on them". Cuba is a country under siege and they have to survive. They were happy to see the brigade and were impressed that the Australians had come so far.

"Here are people who are genuinely transforming their society at all levels and in ways that illustrate a commitment to ideals of social justice, equality and human betterment in a very basic form."

They say Bob Hawke's popularity rating in Australia is greatly surpassed by Fidel Castro's popularity in Cuba. Why are so many devoted to Fidel, as he is commonly known?

"Because people can see the difference. They are living through the transformation of the Cuban of exploitation, hunger, poverty, and malnutrition. They are living in a society where infant mortality is the lowest in the Americas and the average life expectancy is now at the same point as in Australia, that is in the mid-seventies. Cubans enjoy full employment, a good standard of living, an adequate diet and free education and health services."

Staff and students are invited to hear a report on Cuba today in Lecture Theatre Vol in the Mathematics Building on Thursday, March 8 at 1 pm. The speakers will be Mr. Bob Mackle, Mr. Pran Chopra and Professor Theo MacDonald who visited Cuba in January.

Mr. Chopra, Professor MacDonald and Mr. Mackle say that in societies like Australia people take literacy for granted. But if you compare Cuba with literacy in Honduras, El Salvador, Guatemala, Costa Rica and the countries all around it, Cuba stands out very prominently. Education is as important as defence in Cuba. There is a popular saying: "There are no privileged people in Cuba except for the children."

There is a massive input of money and resources into education. There is a saying which expresses the policy straightforwardly: "If you don't know learn. If you know, teach". You hear it again and again, and it underlies their whole education philosophy.

Basically the underpinning of the Cuban system is the idea of unifying academic, or intellectual, work with physical labour. Only if a person is infirm, retarded or physically handicapped can he escape the manual labour. The general pattern is five hours at school and three hours in the farms or orchards, in particular in December and January, which is harvest time.

Each student who goes to senior high school learns a language other than Spanish, usually Russian, German or English.

While in Cuba Professor MacDonald presented six lectures relating to cognitive processes and mathematics learning, to two senior research personnel in the Ministry of Education and four at the University of Havana. The lectures were delivered in English. Two of them are being published by the Ministry, which is also translating one of his books into Spanish for use in teacher training. The University of Havana has been using one of Professor McDonald's mathematics texts since 1974.

Spending most of his time living in Havana and working at the Ministry, Professor McDonald was able to interview a number of leading figures in education, make 19 visits to schools and colleges (spending some time in classrooms observing lessons) and record a variety of conservations with school children.

He says it was his impression that significant gains have been made in Cuban education since his last visit and that these have been especially spectacular in primary and secondary schooling. The Rectors of the Universities in Havana and Las Villas stated that they were trying to devise ways of reducing the dropout and failure rates in first-year science courses.

"At present, these figures run at less than half of our average over the years 1978 to 1983, but as a third world country, Cuba cannot even tolerate that level of waste"
Advertisements

For Tender
1 1981 Mazda E1400 Delivery Van, manual, white, Registration Number LEI-432.

1 1981 Gemini Panel Van, automatic, air-conditioned, white, Registration Number LMA-972.

1 1977 Delhatsu Truck, manual, petrol, taut-top with side boards, two tonne, Registration Number JJO-146.

1 1982 Holden Commodore Station Sedan, 3.3 automatic, Registration Number MCI-605.

Tender forms are available from the Purchasing Section, Shortland. Inspection can be arranged by telephoning 68 5372.

Tenders must be forwarded in a sealed envelope marked "Tender for Vehicle", addressed to the Purchasing Officer, University of Newcastle, N.S.W., 2308. The closing date for tenders is 11.30 am on March 8, 1984.

The University reserves the right to reject all tenders.

2NUR·FM

The Society of Friends of 2NUR·FM will meet in the Staff Seminar Room in Mathematics Building on March 15 at 7.30 pm.

All subscribers to 2NUR·FM are automatically members of the Society, which is a support group of the station.

Please come along and contribute your ideas for fund-raising for the station and activities for the Society.

For Sale

1974 Triumph 2500 TC Auto Sedan (white, beige upholstery). This car has been completely overhauled. Features include: new brake system, fully reconditioned motor and automatic gearbox, new front suspension, new rear suspension and has been resprayed. Asking price: $3,500 or nearest offer.

Pure Beagle Puppies, unregistered. These puppies are being sold for the low price of $60 each. All interested persons are requested to telephone Extension 291.

For Sale or Rent

Home Unit for sale at $55,000 or for rent (unfurnished) at $85 per week. This unit is spacious and has two bedrooms, separate dining room, living room, patio, is only two minutes walk to Jesmond Shopping Centre, 12 minutes walk to the University and is only three minutes by car. All interested persons are requested to contact Mrs. Dacey at Extension 520 or otherwise contact Ray Robinson Real Estate to arrange for inspection at 26 1122. Immediate possession or a one-year lease if rented.

Three bedroom home in the New Lambton Heights area with excellent views. This home is partly furnished. For further particulars please telephone 26 2880.

To Let

Tudor-style house at Twickenham, London, near Richmond Bridge. This house is available for six months from March or April. All inquiries should be directed to Extension 461.

Get Fit....

....Keep Fit

Especially designed for the unfit amongst us.

If you would like to get fit, then this course is for you.

It is a gentle program with an emphasis on enjoying yourself while you slowly attain the classics status of fit.

You will need at least one hour per day - three days a week, for 10 weeks.

If you are interested and would like to know more about the course, then come along to our preliminary meeting in

MOUNTAIN QUEST

University Health Service
Tudor House, Level 2

perimeter of car park (near common room)
Both the President's XI and the Vice-Chancellor's XI had close wins against the young but talented Hunter Region High Schools XI.

The first game, on February 20, was interrupted by misty rain during the first session, when the President's XI batted. The wicket was slow and generally favoured the bowlers, but Mr. David Willis held the schoolboys at bay with a punishing display of backfoot driving to finish with 86 n.o. out of a total of 5 for 166 (43 overs).

During the afternoon, spectators were entertained in brilliant sunshine by some good batting, particularly by Mr. Andrew Rigby, who scored 43.

However, on a turning, damp wicket, Mr. Stephen Hetherall gave a great display of off-spin to bowl right through the innings, finishing with 5 for 37 off 21 overs.

The President's XI won by 9 runs.

The next day was clear and sunny and the game between the Vice-Chancellor's XI and the High Schools was played on a drying wicket which became hard later in the day.

The Vice-Chancellor's XI batted first and the first six batsmen (all from University's first grade team, premiers last season) scored more than 20 each with the best stand of the session coming from Mr. W. Schultz 53 and Mr. J. Jeeverstun 32.

The school boys batted second once again, and although Mr. A. Rigby (29), Mr. R. Leggett (62) and Mr. M. Scorer (32) did well, they could not match the subservive team and swing off Mr. R. Stockwell (5-43) and Mr. P. Marjoribanks (2-49). The innings closed at 198, 17 runs short.
DIARY OF EVENTS

Sunday, March 4, 8 pm
Newcastle Film Society presents The Night of the Shooting Stars (Tyccans, Italy, 1982) in Lecture Theatre B01.

Monday, March 5, 10 am
Imaginus Art Prints for sale in the Foyer of the University Union.

Tuesday, March 6, 10 am
Imaginus Art Prints for sale in the Foyer of the University Union.

Ltm until 2 pm
Lunchtime Concert in the Courtyard, Admission Free.

Wednesday, March 7, 1 pm
Department of Physics Seminar entitled Molecular Interaction Studies Using Molecular Beam Techniques. Venue: Room DG12 (Seminar Room), Ground Floor, Physics Department.

Public Lecture on Education and Employment in the 'Eighties by Ms Pat O'Shane, Secretary, Ministry of Aboriginal Affairs. Room R02 (Geography Department). For further information please telephone 68 5783 or 68 5291.

7.15 pm
Entertainment in the Bar featuring Mental Pygmies. Admission Free.

March 10 & 11, 9.30 am
Two-day workshop entitled Practical Stage Mechanics, Lighting and Sound. For further information please telephone 68 5600.

Sunday, March 11, 8 pm
Newcastle Film Society presents Fitzcarraldo (Herzog, Germany, 1982) in Lecture Theatre B01.

Monday, March 12, 9.30 am
One-day symposium entitled Dust Suppression 1984. Venue: Drama Theatre. For further information please telephone Professor Jameson at 68 5489.

Tuesday, March 13, 1 pm
Lunchtime Concert in the Union Courtyard featuring Everybody's Hero. Admission Free.

12.30 pm
Department of Philosophy Seminar entitled The Three Kinds of Discourse. Speaker: Ms Leila Cunming.

1.05 pm
Vice-Chancellor's First Term Meeting with Staff in the Drama Theatre.

Thursday, March 15, Noon
Movie: Grease, Common Room, University Union.

Monday, March 12, 9.30 am

March 17 to 21, 10 am to 5 pm weekend and 10 am to 3 pm weekdays
Pottery Exhibition and Sale, Great Hall. Official opening by the ABC's David Sayers on March 16 at 8 pm when Tyrrell's will put on a wine tasting.

What's On

S.C.M.
The SCM meets on Wednesdays at 1 pm in the Auchmuty Room, University Union. On March 7 the topic for discussion will be Worship Services and on March 14 the topic to be covered will be Creation: Evolution, Competing Mythologies. The speaker will be the Rev. Paul Watkins.

書道
The Calligraphy classes this year have been organised in the form of 15 sessions, each lasting two hours. Anyone wishing to enrol should contact the Japanese Section Secretary. Early enrolments are essential as the class size is limited.

Instructor, Rikako Momo-sakai. Dates, March 28, April 4, 11 and 18, May 2 and 30, June 6, 13, 20 and 27, July 11, 18 and 25, August 1 and 8. Times 4 pm until 6 pm. Location, Japanese Section, Room G41, McMullin Building. Fees, Tuition is $1 per session (payable weekly). Deposit for instruments $20 (refundable).

For further enquiries please telephone 68 5414.