

1. UNSW@ADFA International Developments

The two main international developments that may be of interest to the AQUA group from the UNSW@ADFA point of view are;

1.1. UNSW@ADFA will be involved in the hosting of the world's leading hypersonics gathering in Canberra in 2006 and the involvement of UNSW@ADFA as one of the three hubs of the Research Network for a Secure Australia (RNSA) launched by the Attorney General. This will be the first time the American Institute of Aeronautics and Astronautics (AIAA) has held its conference in Australia, a proposal instigated by researchers from the School of Aerospace, Civil and Mechanical Engineering (ACME). This initiative represents an exceptional opportunity for UNSW@ADFA and the Australian Hypersonics Initiative to showcase Australian activities in this field, and is an excellent opportunity for UNSW@ADFA to display its facilities and capabilities first hand. The ADFA hub of the RNSA involves researchers from each of the five schools, providing a very broad interdisciplinary base and involves stakeholders from a wide range of government departments and agencies, including the Department of Prime Minister and Cabinet, the Critical Infrastructure Protection Branch from the Attorney General's Department and the Australian Federal Police.

1.2. The Artificial Life and Adaptive Robotics Laboratory (ALAR) at the School of Information Technology and Electrical Engineering (ITEE), UNSW@ADFA, is undertaking cutting-edge research on the theory and applications of Complex Adaptive Systems. A number of international visitors spent sometime in the Lab in 2004 including Prof. Stefano Nolfi from the Italian Research Council and Prof. KC Tan from National University of Singapore. More visitors are coming in 2005 including Prof. Xin Yao from the University of Birmingham and Dr. Tim Kovacs from Bristol University. More than a dozen research students are working in the Lab on topics ranging from data mining, multi-agent systems, and multi-objective optimization to applications in business, defence, marketing and security. Projects in the lab are funded by the Australian Research Council (ARC) and industry. Dr. H. Abbass, the lab directory is co-chairing the First IEEE Conference on Artificial Life to be held in Honolulu in April 2007.

2. FACULTY OF ARTS AND SOCIAL SCIENCES

2.1 Bachelor of International Studies and Bachelor of International Studies/ Bachelor of Laws

The Faculty of Arts and Social Sciences, UNSW

The Faculty of Arts and Social Sciences actively fosters internationalization in its undergraduate and graduate teaching programs, research degrees and research collaboration. Central to its initiatives are the Bachelor of International Studies degree and the Bachelor of International Studies/Bachelor of Laws

degree. These innovative degrees satisfy a growing demand, in Australia and abroad, for graduates who are highly skilled and equipped to meet the challenges of employment in a rapidly changing international environment. The two degree programs are genuinely international in focus, structure and content. They examine the dynamics of global and regional change; explore key developments in international relations and international economics; evaluate the implications of globalization; encourage acquisition of relevant languages; discuss questions centred on nationalism, political sovereignty, social change, multiculturalism, and interaction in an increasingly integrated world.

Both degrees are flexible, multidisciplinary programs of study. All candidates complete a major sequence in International Studies. Candidates specialize in one interdisciplinary program (Asian Studies, Development Studies, Global Studies or European Studies), or complete specialized study in two languages (French, German, Russian, Spanish, Chinese, Indonesian, Japanese, Korean). BINST candidates complete three years of study at UNSW and one year of study at an approved partner university in Europe, Asia or the Americas; BINST/LAWS candidates complete five years of study at UNSW and one year of study at an approved overseas partner university. The OSP (Overseas Study Program) which is usually completed in a language other than English, provides invaluable experience of other cultures, languages and peoples – experience greatly valued by employers in Australia and internationally.

3. FACULTY OF THE BUILT ENVIRONMENT

3.1 UNSW-Tsinghua Joint Architectural Design Studio 2005

Fifteen fourth year Architecture students and two FBE academics worked with counterparts in Tsinghua University's School of Architecture on a joint studio in 2005. Students spent three weeks in January working on an adaptive re-use project for a disused power station on the Tsinghua campus. Outside the five days a week spent working intensively on the project students were exposed to the evolving built environment of China's capital city and to the processes of governance and professional practice in China. In May Tsinghua students and staff visited Sydney for two weeks to finalise the projects and set up an exhibition at Tusculum, the headquarters of the NSW Division of the Royal Australian Institute of Architects. Whilst there are numerous examples of FBE students undertaking international study tours and projects this was the first example of a joint project with foreign students. It is the first iteration of a planned three year experiment in cross-cultural, cross-institutional learning that will include Dongan University in Nanjing. Dongan and Tsinghua are elite Universities in the Chinese system and FBE's engagement with them builds on networks established over a number of years and sustained by Chinese born academics. The project will serve as a model for sustainable partnerships of this type into the future.

3.2 Master of Urban Development and Design

The MUDD program celebrates its 10th anniversary in 2005. The program was designed from scratch to focus on international projects - specifically in the developing world. Each year students travel to a foreign location with their teachers to undertake real projects in urban design in collaboration with government agencies and local universities. In 2004 students worked in Taipei and Hanoi. In 2005 they will work in India and China. The program is strongly supported by Professorial staff with international reputations in the field. A flagship program for the Faculty it exemplifies the values of internationally focused education in cross-disciplinary settings that the Faculty seeks to develop. Many of the alumni are highly positioned in foreign - especially Asian - universities, businesses and government and as such represent a major conduit for on-going international engagement around student exchange, staff exchange and international research. For graduates the program fits them superbly to play leading roles in the management of growth and change in the great urbanised regions of the world.

4. COLLEGE OF FINE ARTS

4.1 COFA Initiatives in China

COFA has placed great emphasis on its emerging market in China. This connection originated in 1998 when the current Dean, Ian Howard brought his interests and expertise in China to the College. COFA has multifaceted collaborations with China which include shared exhibitions, staff/student exchanges, short courses, lecture series and collaborative research projects. COFA focuses on relationship building, alumni development, course and program delivery, research outcomes and exchange of specific resources which all contribute to the development of COFA's academic reputation in China. The number of students from China coming to study at COFA has grown significantly over the past 6 years:

Undergraduate			Postgraduate									
2000	2001	2002	2003	2004	2005	2000	2001	2002	2003	2004	2005	
	3	8	13	20	19	1	5	7	9	11	21	

In 2005 COFA has ramped up its commitment to China. In March Mike Essen, Senior Lecturer in Drawing, visited Donghua University, the College of Fine Arts at Shanghai University, Shanghai Normal University and the National Academy of Fine Arts Design Campus in Shanghai where he presented information about studying art in Australia, the various undergraduate and postgraduate courses provided by COFA UNSW, the exhibitions and workshops which are being jointly developed and the potential for staff and student exchanges. He contacted various COFA alumni who acted as ambassadors for COFA and also spoke about his own academic work.

In May, Vaughan Rees, Lecturer in Design Studies will attend the Australian Creative Art and Design Education Expo organised by AEI and the Australian

Consulate in Shanghai and Hong Kong. He will present a lecture on new media in Australia and meet with potential students.

4.2 The CCC

The COFA-China-Connection (CCC) is a collective of people from Australia and China who through links with the College of Fine Arts, University of New South Wales, have developed professional relationships and in many cases, personal friendships. Staff at COFA have had links with individuals and institutions in China since the early 1990s. Now, more than a decade later, there is a flourishing network of art and design students, academic staff and professionals in a variety of related fields that continue to gain benefit from 'staying in touch'. COFA staff and students and colleagues in, and from, China have: - jointly participated in the establishment and running of the International Drawing Research Institute; - put in place an on-going program of exchange exhibitions, residencies and art and design projects; - assisted with the production of a number of Central China Television documentaries about aspects of art and culture in both Australia and China. It is important to note that as well as the many links COFA has with individuals in the Chinese community in Australia and professional art and design community overseas, the College has a special relationship with its sister institution, the Central Academy of Fine Arts, in Beijing. As a first step, we have produced a listing of all who are part of this currently informal network. In the first instance this aids communication, however it is anticipated that the data base will become more sophisticated, identifying each individual's special interests, leading to advantageous networking amongst CCC members and institutions. It is expected that, building on the experience of recent years, we will be holding a number of 'China related' events each year both in Australia and China. These events will have a special significance for the development of China/Australia artist and designer links and will enhance the professional development of members as well as hopefully providing opportunities for friendships to flourish. In 2005 COFA/UNSW will be leading and elite intensive course, The Porosity Studio, in Beijing. This Studio looks at the relationship between public and private spaces in cities. The Beijing project will see an international team of senior students, artists, architects and designers work on a 'real' urban renewal project for the city.

4.3 The POROSITY Studio

An elite senior level, cross-disciplinary studio program in Art, Design and Architecture. The Porosity Studio looks at problems specifically related to public space and the built environment. This studio will focus on the motor car (the Para.site Car) as a central design generator for urban spaces and systematically brings together design concerns regarding- roads, pedestrian areas, street furniture, public art works, transfer hubs, kiosks, shops, commercial buildings, parking areas, transport routes, lighting, signage and even the nature of transport vehicles themselves: bikes, cars, buses, trucks and new innovative transport forms. The studio will link in a cross and multi disciplinary way, research,

conceptual ideas, skills development and innovation with practical design outcomes.

4.4 Singapore and the Master of Design

The Master of Design by Coursework has been successfully offered through intensive mode in Singapore for five years. The program has attracted several lecturers from the major polytechnics and directors and senior designers from Singapore's key design companies.

4.5 iCinema

The iCinema Centre for Interactive Cinema Research, established in 2001, is a joint venture of the College for Fine Arts and the School of Computer Science and Engineering at the University of New South Wales. It brings together researchers and postgraduate students in new media, digital aesthetics, sociology of art, film theory, multimedia design, computer science, artificial intelligence and software/hardware engineering. The iCinema research program focuses on the research and development of immersive digital interactivity for applications within cinematic, mobile and home theatre contexts. These contexts include all forms of the moving image, made visible on any type of screen or in any sort of immersive environment, whose structure is constituted by various methods of narrative coherence.

4.6 CCAP – Centre of Contemporary Art and Politics

The CCAP has been formed to promote research by art and cultural theorists, artists and curators into the contribution of visual culture to debates on current political themes and issues. The CCAP has links with a number of international institutions and its members are currently working on collaborative research projects with scholars in South Africa, China and the Netherlands.

4.7 IDRI

The International Drawing Research institute is a consortium created to advance research into and through the discipline of drawing. The institute will inquire into and promote the seminal role of drawing within art, design and architecture and - by extension - interdisciplinary visual discourse across any or all of the disciplines of higher education. The Institute comprises its three founding members, the (College of Fine Arts) COFA, UNSW, in Sydney, the (China Central Academy of Fine Arts) CAFA in Beijing and the (Glasgow School of Art) GSA. Other institutions, agencies and individuals may participate on specific projects, through the agency of one of the founding members. The Institute is committed to research within a triangular structure – a 'trialogue' - a collaborative strategy that seeks alternative modes of enquiry and discourse to the dualism of East's and West's distinctions of contrasting cultures.

4.8 ILIRI

The Imaging the Land International Research Institute (ILIRI) is an initiative of the School of Art in the University of New South Wales College of Fine Arts. ILIRI

aims to open a dialogue across a wide spectrum of contemporary approaches to landscape art - indigenous and non-indigenous, local and international. ILIRI's activities include annual field trips to the Fowlers Gap Arid Zone Research Station in far western NSW, a biennial conference and regular exhibitions showcasing landscape-based art in its many forms.

4.9 OMNIUM

Omnium Projects is a web space that houses a specifically designed user-interface, allowing collaborative design projects over the Internet. The latest interface is the third version (v3.0) and has been in development since the end of 2001. We are now ready to unleash v3.0 and begin the latest of our online design projects to students, professionals, educators and members of the public all around the world.

4.10 COFA ONLINE

COFA Online was established in 2001 with the aim of creating an online educational profile for the Faculty - and to deliver a series of high quality online Art and Design courses that will open up a world of possibilities for both UNSW and international students. In these courses, students can study from anywhere, at any time - interacting and collaborating with people from around the world. COFA Online offers students a greater choice through its online courses offered as part of both the UNSW General Education program and the COFA undergraduate Elective Program.

5. FACULTY OF COMMERCE AND ECONOMICS

5.1 Investing in people

One of FCE's strategic research domains is "Asian Engagement". Consistent with this goal and the objective of growing research enrolments and completions the Faculty has entered into a unique partnership with the Chinese Government (through the China Scholarships Council). Over the next 3 years in partnership with the CSC the Faculty will fund a pool of PhD fellowships (some 36 in steady state). The agreement will see FCE graduates placed as staff members in six of China's leading business schools - Tsinghua, Beijing, Renmin, Fudan, Shanghai JiaoTong and Nanjing thereby securing a long run supply of future research students, a share of "voice" in the training of China's future economic elite and, in the longrun, a network of influence for the Australian business community.

5.2 FCE China Scholarships Council (CSC) alliance:

FCE struck a unique partnership with the Chinese Government that will see FCE graduates placed as staff members in six of China's leading business schools. FCE has committed to taking 2 students per year from each of 6 Universities – Tsinghua, Peking, Renmin, Fudan, Nanjing, and Shanghai JiaoTong (36 students in steady state). Tuition waivers are funded by FCE and its supporters and matching grants (student stipends) are provided by the CSC.

The outcomes:

- Ø secure a long term supply of future research students for FCE from China's leading business schools
- Ø secure a long term supply of future educators and researchers
- Ø secure a share of "voice" in the training of China's future economic and business elite and, in the long run, a network of influence for the Australian business community

6. FACULTY OF ENGINEERING

6.1 The Development of the Singapore Integrated Multi-Reference Station Network

Since 1999 professor Chris Rizos and staff from the school of Surveying and Spatial Information systems have been working closely with staff at Nanyang technological University to develop the Singapore Integrated Multi-Reference Station Network (SIMRSN).

Professor Rizos and researchers have developed this project whose aim was to develop and test various GPS positioning techniques in Singapore which take advantage of a network of continuously operating GPS base stations, linked by dedicated telephone lines to a central processing facility. The researchers included a number of graduate students and staffers from the Satellite Navigation group at UNSW and the Surveying and Mapping Laboratory, School of Civil & Environmental Engineering UNSW and academic staffers Goh Pong Chai and Tor Yam Khoo from the Nanyang Technological University (NTU), Singapore

During the period February-April 2000, NTU researcher Dr. Xiaoming Chen, worked with SNAP/UNSW researchers (primarily Shaowei Han and Horng-Yue Chen) to develop the basic processing 'engine' for the analysis of the reference receiver network data. This 'engine' is software that lies at the heart of network-based positioning, and must process data from multiple receivers in real-time.

The SIMRSN has operated for several years in Singapore. Such was its success that in 2003 it was decided to establish a 'mirror' site in Sydney. This real-time network is known as SydNet.

6.2 Two Fulbright Scholars at GSBmE

Three scholars from the United States have been awarded the prestigious Fulbright scholarship to study at UNSW this year. The Graduate School of Biomedical Engineering is hosting two of these scholars.

Marie Schroeder from Duke University is conducting research into the mechanisms of bone healing, whilst Jennifer Blundo from the Massachusetts Institute of Technology is focusing on the development and characterisation of scaffolds for cardiac tissue engineering.

6.3 New Consortium for Water Research

The Australia – China Consortium for Water Research (ACCWR) has recently been established to facilitate interaction between Australia and China in areas related to research and training in all aspects of water resources management. It will provide links between UNSW (and other partner Australian institutions), the Chinese Ministry for Water Resources and key universities and research agencies in China.

The ACCWR has been initiated by the [Water Engineering Group](#) in the School of Civil and Environmental Engineering at UNSW. It is managed by a Director, [Prof David Waite](#) (UNSW), assisted by three deputy directors; [A/Prof Ron Cox](#) (UNSW), [Dr Ashish Sharma](#) (UNSW) and Dr Ling Li (University of Queensland)

6.4 Environmental Microbiology and Pathogen Risk Assessment

Australian and international water guidelines are rapidly moving down the risk management approach. As a consequence, less emphasis will be placed on assessing end-of-treatment contaminant concentrations, rather the major focus will be placed on process performance at major control points. CWWT through Prof. Ashbolt plays a lead role in advising the World Health Organization (WHO) on pathogen/microbial risk assessments for the next generation of WHO water (drinking, recreational and reuse) guidelines. This is having spin-offs to the setting of local Australian water quality guidelines (e.g. Prof Ashbolt chairs the NHMRC recreational water guideline revision) and pathogen research within the CWWT.

The principal factor used in harmonising across emerging water quality guidelines (for drinking, reuse and recreational waters) is that of tolerable disease burden - estimated by epidemiologic and quantitative risk assessment studies. Through a range of CWWT-run projects, research staff and postgraduate students are providing fundamental data on pathogen numbers in sources (such as faeces, sewage, greywater and catchments), which along with data collected on environmental and treatment inactivation rates, is providing exposure data required for dose-response modelling, that allows us to predict risks of infection. Our recent success in Australian Government funding (via DEST) to support CWWT activities in the European Union project MicroRISK, is an excellent example of how we are combining data on microbial risk assessment and hazard analysis critical control point (HACCP) to manage pathogens from catchments-to-taps.

7. FACULTY OF LAW

7.1 Beijing Winter School

This is an undergraduate elective course in the LLB program which is taught in Beijing during January each year. It is taught in English by Law Professors from

the China University of Political Science and Law (CUPL), a leading Law School located in Beijing. The course provides an introduction into the legal system of the People's Republic of China with particular reference to modern developments in contract and commercial law. The program includes lectures as well as field trips to various cultural sites and political-legal institutions such as the Great Hall of the People, the National People's Congress, a Chinese court, a Chinese law firm, and the State Bureau of Intellectual Property. The program has been running successfully for four years and an average of 50 students enrol each year.

7.2 E-Learning in Law

The Law School continue to break new ground with its bold use of e-learning. In the undergraduate program, most compulsory courses and electives have a WebCT component to provide students with flexible learning opportunities. However, the most ambitious endeavours have been a masters level. This has been deliberate, since busy lawyers often demand flexible learning opportunities in order to manage their LLMs and their busy professional lives. In three of the LLM six specialist streams, the Law School offers ground-breaking courses using e-learning platforms. In the Media, Communications and Information Technology stream, former ITET fellow Lesley Hitchens will debut a broadcasting course in 2005 which uses both face-to-face and online methods. In the Criminal Justice stream, former ITET fellow Alex Steel runs Commercial Fraud, also using a combination of face-to-face classes and online problem-solving sessions. In the Asian and Comparative Law stream, Director of Teaching and Learning and former ITET fellow Leon Wolff offers 11 specialist online courses in the world's most comprehensive program of its type. In 2005, he debuts three new interdisciplinary courses in Chinese law. These courses have twice been the subject of media interest and continue to attract students from around Australia and the region to UNSW. In 2006, the Law School hopes to build its reputation in corporate and commercial law with new course employing online methods, and new recruit Professor Dimity Kingsford Smith and the Director of Teaching and Learning Leon Wolff have been in discussions as to how to progress this initiative. and ratification by the Law School.

7.3 Public Interest Internship Program

In addition to student exchanges we are currently in the final phases of establishing a Public Interest Internship Program which will see students undertake – for course credit – internships at host organisations here in Sydney, nationally and internationally. We have also just established a new specialist stream in the LLM in EU Law to be introduced with effect from 2006.

7.4 Innovative Legal Education Unit

The Law School would like to centralise its commitment to ongoing excellence and innovation in legal education by instituting the Innovative Legal Education Unit. In part, this unit seeks to emulate the successful and highly regarded central support units for teaching and learning that currently exist in the Faculty of

Medicine and the Faculty of Commerce and Economics. At the same time, the Law School aims to rely on the highly successful ITET program by building a unit that relies on the leadership and collegiality of permanent members of staff. The Unit would be headed by the Director of Teaching and Learning (with partial teaching relief) who will oversee funding for new initiatives in teaching and learning. If properly funded, the new Unit will:

1. institute teaching observations for all casual teachers to provide them with ongoing feedback as to their teaching and suggestions for alternative methods;
2. build whole-of-cohort courses utilising online technology as well as face-to-face tutorials (in 2006, Advanced Legal Research will be reconceptualised and redesigned to provide an e-learning platform and less reliance on casual teachers);
3. support program development in e-learning, focusing in particular on the LLM streams of social justice and human rights, international law, and corporate and commercial law (this will significantly expand our LLM base and make UNSW more attractive for local students); and
4. provide a centralised service for administering the CATEI process of student feedback on teaching as well as offering colleagues drafting support for their teaching portfolios.

7.5 Master of International Tax

Atax has recently introduced the Master of International Tax. The globalisation of business has meant that there is an increasing need for tax professionals in the private and government sectors who are specialists in international taxation. Secondly, globalisation has meant increasing pressure on tax systems around the world to become internationally competitive. This, in turn, means that tax professionals in both private and government sectors need an understanding of international best practice in taxation, particularly in those countries in the process of moving from centrally planned to market economies. Thirdly, the dramatic expansion of the legislative framework governing international taxation means that a detailed coverage of the knowledge base required for international tax professionals cannot be adequately achieved outside a specialised program in international taxation. International tax professionals come from a variety of disciplinary backgrounds including law, accounting, economics, and international business. This means that a problem based approach to international taxation is needed that identifies underlying issues and possible responses to them, and which allows study that goes beyond a detailed technical analysis of the legislation of one particular jurisdiction.

As far as we are aware no other current program at an Australian university is dedicated entirely to international taxation. Internationally, New York University, Harvard University and the University of Leiden have had considerable success in attracting high quality mid career tax professionals to programs dedicated to international and comparative taxation. No other university has, however, focussed on South East Asia and the Pacific Rim in its international tax offerings. Market research has also revealed that there is a niche in the market for a Master

of International Tax program which enables candidates to focus on tax issues concerning taxpayers operating in the South East Asia region. The proposed Master of International Business Taxation intends to meet the needs of international tax professionals in both the private and government sectors both in Australia and in our region, especially South East Asia.

7.6 International Tax Training Program Provided to the Central Tax Court of Thailand

Atax was contracted to provide training to the Central Tax Court of Thailand (CTCT) in Bangkok in June 2003. This project involved the development of an intensive five day training program covering international tax issues, not limited to but including:

- Underlying philosophy of international taxation.
- Core areas of international taxation (direct and indirect) in depth.
- Overlap between jurisdictions.
- International anti-avoidance and transfer pricing issues.
- Methods for continual education/updating.

The one week program was delivered to two groups of 30 participants over two consecutive weeks. Participants other than CTCT judges included Supreme Court judges and Thai tax academics.

The six training modules were carefully designed to articulate, one into the other. Each module built upon and recognised the skills acquired in previous modules. The training was also designed to recognise the skills training gap within the revenue departments, whilst also recognising that some officers had some skills obtained through tertiary study and developed in the workplace. Accordingly, the project was run as a partnership and some revenue department staff were engaged as facilitators in the training, and acted as mentors to their peers. Training packages were designed to provide practical skills, not theoretical knowledge, and afforded opportunities for team work, planning and reflection on tasks before they were tackled. The training involved steady progression through prepared study material and activities with the assistance of a facilitator. Cohorts of trainees ranged from six to fifteen at a time. At the conclusion of a 10-12 week training module an Atax trainer ran a one day workshop which reviewed the content of the training materials, and obtained feedback from trainees concerning the materials, problems encountered, etc. This was followed by a major assessment task which was completed by trainees after the trainer visit and sent to Sydney for marking. Successful completion of a training module and the assessment resulted in an award to the trainee of a certificate of attainment.

7.7 Tax System Reform in Korea and Australia Conference (14-15 March 2005)

This is a joint project between the Korean Institute of Public Finance and Atax, sponsored by a grant from the Australia-Korea Foundation. The conference was bringing together of leading Korean academics in the field of taxation and four staff from Atax (Binh Tran-Nam, Neil Warren, Matthew Wallace and Nolan

Sharkey) to discuss tax reform issues in Korea and Australia. It was funded by a grant from the Australia-Korea Foundation and organised by the Korea Institute of Public Finance (KIPF) in Seoul. The visit to Korea began with a day long conference at KIPF which saw a free interchange of ideas and focused on the differing experiences with tax reform in Australia and Korea over recent years. The interchange also served to highlight the participants understanding of the pressures likely to confront the Australian and Korean tax systems in the coming years. The similarities in experience were clear as were the differences and potential lessons each country could learn from the experiences of the other.

7.8 International Network for Tax Research – OECD

Atax has also recently accepted an invitation to join an OECD steering committee (International Network for Tax Research), which is comprised of approximately 20 leading research universities from around the world. Atax is the sole Australian representative on this committee. The INTR's primary role:

- initiate and promote research
- debate current international and related domestic tax issues
- develop advanced studies in these areas

The Steering Group will launch this initiative with an inaugural conference to identify research priorities and to explore secondments of academics to the OECD. This network will have an overall objective of developing research on taxation (and possibly training) in a way that would be useful to the OECD and non-OECD countries in formulating tax policies and administering taxes.

7.9 International Visiting Scholars and Teachers

The Law School runs a substantial Visiting Scholars Programme. The visitors are international research scholars of established standing and experience in the academic community nominated by staff. These scholars are invited to visit the School in order to conduct research while here, interact with members of School, and participate in research programs in the School.

The primary intention is to attract scholars on leave from other institutions to the Law School for a short period. Such visits increase School members' chances to learn with and from other eminent scholars, interact with them, develop and extend intellectual relationships, and where appropriate engage in collaborative research with them. The Law School provides funding to defray the travel costs of these Visitors. The programme is in addition to the a programme that offers office accommodation to visiting scholars.

In addition to this program the Law School regularly invites international scholars to teach specialist courses in the postgraduate and undergraduate degree programs. Recent international teachers include professors from the University of Vienna, the University of Lausanne; the University of British Columbia, and the University of Windsor. We also attract senior government officials to our teaching

program, including an Ambassador of Thailand and a former head of a US stock exchange.

7.10 International Law and Policy Group

The International Law and Policy Group is a group based in the Law School which is engaged in the development of research in, and teaching and dissemination of, international law. The Group aims to build links with international lawyers globally in order to facilitate international collaboration on research topics, host seminars and conferences, and feed this research and collaboration back into the learning and teaching of students in the Law School.

The group is currently engaged in organising the inaugural Ingram Lecture and a seminar on UN Reform to be held in July as well as planning a number of other events (in conjunction with, inter alia, the Australian Human Rights Centre, the International Law Association (Australian Branch) and the Australian Red Cross, the UNSW Refugee Research Centre) and pursuing research projects and opportunities nationally and internationally.

7.11 Beijing Winter School

This is an undergraduate elective course in the LLB programme which is taught in Beijing from during January each year. It is taught in English by law professors from the China University of Political Science and Law (CUPL), a leading law school located in Beijing, with the support of the UNSW Law School.

The course provides an introduction into the legal system of the People's Republic of China with particular reference to modern developments in contract and commercial law. China opened up its economy to market forces barely twenty years ago. When it did so, law and the legal system emerged from a period of international isolation imposed as a result of the Cultural Revolution. In the last twenty years significant moves towards internationalization and increased interaction with other legal systems have occurred. However, knowledge of China's legal system remains relatively limited in commercial practice. The course examines the role law is playing in modern China by reference to its historical antecedents. The course examines particular areas of development for their own sake but also as indicators of the changing role of law in Chinese society.

The program includes lectures as well as field trips to various cultural sites and political-legal institutions such as Great Hall of the People, the National People's Congress, a Chinese court, a Chinese law firm, and the State Bureau of Intellectual Property.

7.12 Hamburg Summer School

The Hamburg Summer School is an undergraduate elective course in the LLB programme taught in Hamburg in July each year. The School is a joint project

between UNSW, UTS and Hamburg University of Economics and Politics and offers courses for both undergraduate and postgraduate students. LLB students in their penultimate or final year of study have the opportunity to study Comparative Law and/or International Trade Law in an intensive and condensed mode. LLM students can attempt International Trade Law and may also apply to attempt a Research Paper, in an appropriate field.

The study of law in Germany provides the opportunity for Australian students to enrich their studies with site visits to significant European institutions and hear guest lectures from leading European law experts. The HWP is unique within the educational landscape of the Federal Republic of Germany, as Hamburg is home to one of the World renowned Max Planck Institutes, dedicated to Private International Law. Its library holds a collection of over 800,000 volumes and is one of the foremost research centres.

7.13 International Mooting Programme

The Law School is unique in Australian Law Schools in offering an extensive suite of international moot competitions as part of its undergraduate degree programme providing UNSW law students with the opportunity to prepare and conduct a mock case before an international tribunal. The programme funds students to participate in prestigious international moot competitions, conducted in Australia and overseas, and to receive intense training and guidance in their preparation for these competitions.

Students are selected on the basis of academic merit, demonstrated research skills and/or oral advocacy skills. The application process is open to all students who have undertaken International Advocacy, Public International Law or International Humanitarian Law.

International competitions currently offered in the programme are:

- **Jessup International Law Moot Competition** The Jessup International Law Moot Competition is the most prestigious international law moot competition, and takes the form of a mock case before the International Court of Justice. The National Final is held in the High Court of Australia, and both finalists proceed to the International Finals, held in Washington DC in April. Preparation for the Jessup takes place over the summer months. The five team members are required to prepare submissions of 12,000 words each for the applicant and respondent, and are provided with intensive advocacy training in the lead-up to the oral rounds. For further information, see <http://www.ilsa.org/jessup/>.
- **Vis International Commercial Arbitration Competition** The Vis Moot is held in Vienna, and involves law students from over 80 law schools representing approximately 30 different countries. The moot involves a dispute arising out of a contract of sale between two countries that are party to the United Nations Convention on Contracts for the International Sale of Goods. Preparation for the Vis Moot takes place over the second

session and the summer months. The problem is released at the end of the first week of October. The written phase consists of two stages with memorials for the Claimant due at the beginning of December, and memorials for the Respondent by mid-February. Oral rounds take place in Vienna the week before Easter. For further information, see <http://www.cisg.law.pace.edu/cisg/moot/inform.html>.

- Pictet International Humanitarian Law Competition The Pictet International Humanitarian Law Competition is conducted in two phases. The English-speaking rounds and French-speaking rounds are held separately in Europe in April. The finalists from these competitions progress to the International Rounds, held in August in Geneva at the United Nations. The competition takes the form of a series of simulations during which teams are required to negotiate solutions to issues arising in situations of armed conflict. Teams are provided with instructions, which generally requires them to take on the identities of government representatives, military officers, legal advisers, delegates of the Red Cross or non-governmental organisations (NGOs). The objective of the competition is to convey the reality of applying law to situations of war. It moves students beyond a theoretical understanding of the principles of international humanitarian law, and exposes its limits and constraints. For further information, see <http://www.concourspictet.org/>.
- Manfred Lachs Space Law Moot Competition The Manfred Lachs Space Law Moot Court Competition is organised annually by the International Institute of Space Law (IISL). The National Rounds take place in the Asia Pacific region in April. The regional winners of the Asia-Pacific, Europe and the United States compete in the world finals held in conjunction with the International Astronautical Congress. The Lachs Moot has the distinction of having its world final judged by three sitting Judges of the International Court of Justice every year. It is a complex problem involving issues of space law, and takes the form of a case between two States before the International Court of Justice. For more information, see: <http://www.spacemoot.org/>.
- European Law Students Association (ELSA) World Trade Organization Moot Court Competition The ELSA WTO Moot is a relatively new competition and a new addition to the International Competitive Moot program. Although in its early stages of development, the ELSA WTO Moot is emerging as a high quality and prestigious competition. Over 50 teams from around the world participate with 16 teams meeting for the Final oral rounds in Geneva in April. The aim of the Competition is both to encourage further developments on the subject matter in the curriculum of academic institutions and also to contribute to the ongoing discussion about globalisation in the context of WTO agreements. In doing so, the organizers attempt to provide timely and highly topical situations to research.

7.14 International Social Justice Internships

For some years the Law School has supported students who wish to take an internship with a overseas public interest or humanitarian organisation. On the student's return a major research essay arising out of their experience is submitted. This year the Law School is expanding this support to include an option to take an international internship and be assessed throughout the internship with an assigned academic supervisor. Such internships, both national and international, are intended to become a major feature of the undergraduate degree programmes in the Law School in coming years.

8. FACULTY OF MEDICINE

One of our offshore programs is in obstetrics and gynaecology and paediatrics. Our offshore partner is the University of Oslo. The program was established about 5 years ago.

What is involved is 8 medical students from the University of Oslo come to UNSW and do their clinical training in obstetrics and gynaecology and paediatrics. This involves 18 weeks of teaching and learning. At the same time, 8 medical students from UNSW travel to Oslo and undertake the combined paediatrics and obstetrics and gynaecology teaching block at that University. The language of instruction for the UNSW students is in English and obviously the same applies to the Oslo students in Sydney.

There has been regular exchange of academic input. Professor Dowton visited Oslo when he was Dean of the Faculty of Medicine and the Dean of the Faculty at the University of Oslo, Professor Stein Evensen has visited Australia on a number of occasions, the most recently being in 2004. There have also been academic exchanges and Professor Richard Henry, when he was the Head of the School of Women's and Children's Health spent a month in Oslo in 2003 teaching paediatrics to medical students and reviewing the program. UNSW has sponsored for Dr Matthew O'Meara, the Director of the Emergency Department at Sydney Children's Hospital Randwick and a conjoint senior lecturer in the Faculty of Medicine, to spend 2 months teaching in Oslo in second semester 2005. Professor Borghild Roald and Professor Babill Soren-Petersen have both visited UNSW and taught medical students. Professor Roald has visited on 2 occasions and had a sabbatical in Australia, with time in Melbourne at the University of Melbourne and in Sydney at UNSW.

The medical students sit the exams in the Country in which they undertake their study, so UNSW students are examined in Oslo and are awarded the mark assigned to them in Oslo, with the complementary situation for the University of Oslo students at UNSW.

It is hoped that the arrangement will be a long term one.

9. FACULTY OF SCIENCE

9.1 Science Without Borders

A program designed to support internationalisation of Science students at UNSW. In its pilot stage it is an undergraduate exchange program involving only

students from the Advanced Science program at the University of New South Wales and equivalent level students from the Faculty of Science at the National University of Singapore. It is hoped that the program will be developed in future to include other overseas destinations. Very recently, interest has been shown by institutions in Israel. Program details Approximately 30 (currently 27 confirmed, but up to 50 in future years) senior students from the Advanced Science program at UNSW, selected on the basis of merit from an initial round of applications, participate in a 6 week program of language, cultural and environmental study in Singapore for a formal 6 Units of Credit, during the June-July period. Students will undertake formal language courses in Chinese or Bahasa Indonesia, business studies and environmental studies, including a 5 day excursion to Tioman Island, off the east coast of Malaysia. They will also live in basic housing on the campus of NUS, which will add to their cross cultural experience. Students will receive a subsidy that will cover economy travel, the tuition and basic living expenses. In return, the Faculty of Science will host approximately 50 senior Science students from the National University of Singapore during the December-January period, for similar academic credit. Students will undertake existing courses from amongst critical thinking and practical reasoning, measuring up the universe, and Australian wildlife biology. The latter will be compulsory and will involve an excursion over the Christmas/New Year break that will include a farm stay and visit to Smith's Lake research station. Students will personally cover the majority of their costs.

Objectives

Conceived over a lunchtime meeting between Professor Michael Archer, Dean, Faculty of Science, Professor Colin Sutherland, School of Mathematics, and Professor Lai Choy Heng, Dean, Faculty of Science, National University of Singapore, this exchange program is viewed with excitement by both partners as an excellent means of adding value to undergraduate student experiences and as a recruitment exercise. Students from both institutions will gain an appreciation of a second culture and will be challenged in areas that will be saleable upon graduation.

9.2 Solander Program

A selective program that will support young scientists to establish and develop their careers through linkages between UNSW and Lund University, an excellent Universitas21 partner institution. The scheme will operate at different levels across different faculties and can be used to support a flexible range of activities, from meetings, through postgraduate coursework to fieldwork and use of shared facilities.

Program details

Each of the Faculties of Science, Engineering and Medicine, and ADFA have committed \$10,000 each pa for 3 years. The International Office has pledged an additional \$10,000 pa for the life of the agreement. These sums will be matched

by Lund University. In return, the University will award one \$10,000 prize per annum in support of an approved collaborative project involving scientific exchange for an extended period of up to 12 months. In addition a number of smaller travel awards of up to \$4,000 will be given for shorter term exchange visits in any area of scientific research.

Objectives

This program is designed to encourage younger scientists at the Honours, Masters, Doctoral, Post-doctoral and Research Fellow levels and foster international linkages between a narrow consortium of U21 institutions, including UNSW, University of Melbourne, University of Auckland and Lund University.

Other less well developed international programs:

9.3 Masters of Conservation Biology

Agreement to articulate the degree program of Master of Conservation Biology between the University of New South Wales and the Victoria University of Wellington, New Zealand.

Collaborative research in nanomaterials with Indian universities a high level agreement with the Government of India to jointly sponsor collaborative research between Indian institutions and UNSW.

10. UNSW INTERNATIONAL

UNSW Online Advisor

The Online Advisor was custom built for the International Office earlier this year. It is a key marketing tool for our International Prospective Student Advisors and has proven to be extremely popular since its inception. Over one hundred prospective students have already logged on since it went live three weeks ago. The Online Advisor is open Monday, Tuesday and Thursday from 09.00 – 17.00 and extended hours of 12.00-20.00 on Wednesdays, to capture potential students who are not able to make use of this facility in our usual office hours. This is a unique facility that allows students to ask detailed questions about their study requirements and to receive an immediate and tailored response. They feel as if they are speaking to a 'real human being' as opposed to sending an email. The real time responses, allow the students to ask relevant and targeted questions instead of overly general ones. The system has been customised to allow reports on origins of student enquiries, numbers of prospective students logging on and length of time staff spend on each enquiry, to name a few. The system has also been built with the option of expanding it to include extra features in the long term if deemed necessary. As the internet makes the world an increasingly smaller place, UNSW has an innovative and cutting edge marketing tool that caters to an increasingly discerning prospective international student.

U21 Summer School

UNSW sent two teams of 5 students each to participate in inaugural the U21 Summer School at National University of Singapore in July 2004. This activity was funded from the Office of the DVC (International and Development) as part of our international strategic engagement with the U21 network.

The UNSW teams were led by Dr Wallace Bridge and Mr Tony Gellert from the Faculty of Commerce and Economics. A competition was held in conjunction with the U21 "Global Technology Entrepreneurship" Summer School and Symposium - and provided a chance for top students from member universities to showcase their entrepreneurial skills. Through the course of the week-long Summer School, a total of 90 students from 14 universities learnt about the process of translating a real-life technological invention into a commercially viable product or service in the marketplace.

A two-day symposium concluded the event and featured a number of keynote addresses by prominent entrepreneurs and academic scholars in Singapore.

The UNSW teams came second and third in the competition, and all students who attended from the University noted the incredible energy and rewards from participation in the event. UNSW will continue to provide funding for similar programs, with the 2005 event being at Lund University in Sweden.