NTU Designs Lab in Vietnam
NBS 2004 graduates come out tops in Business Plan Competition
PRESIDENT’S AWARD FOR TRAINEE TEACHER
Fun, Friends & Family
NTU ALUMNI DAY 2004
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## Alumni Associations

### SCHOOL-BASED ALUMNI ASSOCIATIONS

| NTU School Of Electrical & Electronic Engineering Alumni Association |
| Mr Indrajit Singh |
| NTU School Of Communication & Information Technology Alumni Association |
| Miss Susannah Santa Maria |
| Nanyang MBA Alumni Association |
| Mr Vincent Tan |
| Nanyang Business School Alumni Association |
| Mr Loh Uantchern |
| NTU School Of Advanced & International Management Alumni Association |
| Mr Raymond Wee |
| School Of Materials Engineering Alumni Association |
| Mr Ting Choon Kheong |
| NTU School Of Civil & Environmental Engineering Alumni Association |
| Ms Lee Bee Wah |
| NTU School Of Electrical & Electronic Engineering Alumni Association |
| Mr Inderjit Singh |
| NTU School Of Engineering & Information Technology Alumni Association |
| Mr Raymond Wee |
| NTU School Of Materials Engineering Alumni Association |
| Mr Ting Choon Kheong |
| NTU School Of Mathematical & Production Engineering Alumni Association |
| Mr Lim Swee Kwong, Jesson |

### INTEREST-BASED ALUMNI ASSOCIATIONS

| AIESEC Alumni Singapore (NTU) |
| Mr Ng Vern Shion |
| Nanyang Technological University Alumni Club |
| Mr Rintanmurtip |
| Nanyang Technological University Alumni Association |
| Mr Ng Beng Soon |
| NTU Archery Alumni Association |
| Mr Ng Beng Soon |
| NTU Buddhist Society Alumni |
| Mr Toh Hong Song |
| NTU Chinese Society Alumni |
| Mdm Gan Chui Goh |
| NTU Symphonic Band Alumni |
| Mr Chua Swow Loung, Srie |

### HALL OF RESIDENCE-BASED ALUMNI ASSOCIATIONS

| NTU Hall Of Residence Six Alumni |
| Mr Oei Kow Wei |
| NTU Hall Of Residence Eight Alumni |
| Mr Goh Nai Shin |
| NTU Hall Of Residence Ten Alumni |
| Mr Tan Wee Hong |
Dear Alumni,

It was definitely a homecoming to remember, when we celebrated our NTU Alumni Day 2004 – Ties That Bind on 27 November 2004. Many thanks to our alumni for taking your precious time to join in the revelry at the NTU campus. I was delighted to see the rousing attendance of 2600 alumni, staff, students, and their family members, which was the biggest turnout for our annual alumni homecoming to date. Our alumni who participated in the tree planting have instilled a piece of their memory on campus, and will remember the day.

Alumni also had the opportunity to listen to Dr Su Guaning, where he spoke on NTU’s recent achievements and future ambitions. Dr Su informed all alumni that the University will be setting up an Alumni Council which will unite our alumni to work with the administration in advancing the University standing. For those who missed the homecoming, Dr Su’s speech is on page 8 for your easy reference.

The Alumni Affairs Office is now located in the brand new Nanyang Executive Centre (NEC). I invite you to visit us and make use of the various excellent facilities such as guest rooms, auditorium, lecture rooms, seminar rooms and many more. As a special privilege, our alumni will enjoy special concessionary rates. While we engage our alumni intellectually and socially, we encourage you to stay linked up with us. The Office provides a suite of web-based services through www.ntu.edu.sg/alumni, where you may apply and own a lifelong email account.

We have close to 90,000 alumni living all over the world and many of them are working or doing business abroad. It is important for us to keep in touch with our alumni overseas who play a vital role in the globalization of the University. During my recent trip to Shanghai and Beijing, I met up with our alumni and a few alumni groups which are being formed. Through these alumni groups, we will be able to maintain a constant link with our alumni who may not be in Singapore, but whose thoughts still remain with their alma mater. With our strong local and overseas alumni network, we can work towards achieving the University’s vision to be a Global University of Excellence.

The University will be turning 50 this year, and it is an occasion that deserves much celebration. 2005 marks the 50th year since the founding of Nanyang University, and we will be embarking on a year-long series of events to celebrate the golden jubilee.

As part of the celebratory events, we have planned yet another interesting get together for our alumni, and this time, through sports and games. Come together with your fellow alumni and take part in our NTU Alumni Sports Fiesta, to be held on 13 March 2005, at the NTU campus. Alumni, staff and final year students are invited to take part in team competitions for sports and games such as 3-on-3 basketball, badminton, six-a-side soccer, table tennis, tennis, bowling, international chess and xiang qi. I hope that you will support our NTU Alumni Sports Fiesta, and I look forward to your active participation.

Wishing you good health and happiness for the New Year.

SOON MIN YAM
Director
It was that time of the year, once again, as per past traditions, when alumni of NTU, from as far back as the Nantah days to alumni who just graduated in 2004, return to the NTU campus and celebrate the annual homecoming, NTU Alumni Day. There was a record turnout this year, when 2600 alumni, staff, students and their family members gathered at the Nanyang Auditorium for the Alumni Lunch. It is a day all alumni have come to know as when they get together as alumni of NTU and meet up with their old University buddies and catch up with their former lecturers and tutors, some of whom they might not have met in years.

While guests started streaming in, the Yew Tee Community Club Chinese Orchestra played a few beautiful pieces on stage, awaiting the arrival of Dr Su Guaning, President of NTU. Lunch was served soon after Dr Su’s arrival, and while the guests enjoyed their lunch, they were treated to a variety of stage performances, specially put up by NTU students’ performing groups. Ms Xian Hong, a guest performer, serenaded the guests with Chinese and English songs from yesteryear.

In his speech to guests, Dr Su spoke on the developments in NTU. These include the transformation of the University into a full fledged University with the establishment of new Schools. The University is also developing a holistic New Undergraduate Experience that will offer the undergraduates a wide range of choices in courses and subjects and also opportunities to participate in team and group activities, build character and spirit, and develop leadership qualities. Dr Su also spoke on developing a seamless path between research, inventions and entrepreneurship. The University will also be working with the various alumni groups to set up an Alumni Council to unite all alumni groups to work with the administration in advancing the university standing. Dr Su enlightened guests that the University will be embarking on a year-long series of events to celebrate NTU’s 50th Anniversary which will be celebrated in 2005.

You may read Dr Su’s full speech on page 8.

As part of the day’s celebratory events, the 2004 Alumni Service Awards were presented by Dr Su Guaning, President of NTU to the deserving recipients – Mr Allan Ng Wai Yee (EEE, Class of 1985), Mr Roger Tan Kay Chia (MPE, Class of 1985), Mr Simon Lee Sze Sye (CEE, Class of 1989), Mr Simon Wong Kee Siang (MPE, Class of 1991), Dr Nicholas G Aplin (NIE, Class of 1999) and Mr Ng Siau Yong (NBS, Class of 2001). These alumni have rendered outstanding service and contributed in fostering interests of the University and its alumni. Some of their contributions include fundraising and organising events – wine appreciation and networking sessions – to foster closer ties among the alumni, students and staff.

For the first time, NTU and South West Community Development Council (CDC) collaborated on a tree planting ceremony, held in conjunction with the Alumni Day celebrations. Guest of honour and an alumna of the University, Mrs Ya-Foo Yee Shoon, Minister of State for Community Development, Youth and Sports and MP for Jurong GRC, together with Dr Amy Khor, Mayor of South West District, and Dr Su Guaning, President of NTU and Mr Ang Mong Seng, MP for Hong Kah GRC, planted Saga trees in NTU’s Yunnan Garden. Prominent alumni, such as Mr Indeckit Singh (EEE, 1985), Ms Lee Bee Wah (CEE, 1985) and Mr R Sinnakuruppan (MPE, 1985), A/Prof Jin-Jong (TTU, 1965) and Zaqy bin Mohamad (EEE, 1999) also participated in the tree planting ceremony together with the President of the NTU Students’ Union, Mr Taiyabi Ahmad Shadab. Representatives from Nantah, NIE, the 8 Schools from NTU, and Alumni Associations also planted trees at 2 different plots in the NTU campus. In total, 57 trees were planted by more than 100 alumni, students, staff, as well as grassroots leaders from South West District, symbolising a strong and united community spirit shared by all. In addition to the tree planting ceremony, NTU and South West CDC organised a fun-filled carnival. Close to 4,000 participants were treated to an afternoon of fun with the various games stalls, children’s workshops, nature walks, belly-dancing, wine-tasting, music performances and even speed dating. Tours around the NTU campus were also conducted, allowing alumni and residents to discover more of NTU. It was a good opportunity for a group of 20 current NTU students, who were guides for these tours, to point out interesting sights and share first-hand, the NTU New Undergraduate Experience of a broad-based education and a vibrant campus life.
Mr Zaqy bin Mohamad, alumnus from EEE 1999, says:
“I feel very excited. I haven’t been back to NTU for a year, and especially to catch up with old friends as well as NTU staff whom I’ve been acquainted with over my 2 stints at NTU. It is a privilege to be able to leave a mark on one of NTU’s famed landmarks — the Yunnan Gardens. Visiting ‘my tree’, will definitely be a new item on my list of ‘to-dos’ each time I visit NTU from now on.”

Mr Steven Chan, alumnus from Nantah 1979, says:
“I feel some sense of belonging of coming back to NTU on Alumni Day every year, and I feel great to have the opportunity to plant trees on behalf of our Nantah alumni. This is the place that has made me into a better graduate, and I loved the place when I was a student there.”

Mr Taiyabi Ahmad Shadah, President, NTU Students’ Union says:
“Alumni Day reminds me of the rich heritage of NTU which dates back all the way to Nantah days. The enthusiasm and the pride to be associated with NTU is easily seen on the faces of all the Alumni, staff and students attending the event and it was indeed a big success. The tree planting event held at Yunnan Gardens later during the afternoon saw the big NTU family coming down together for a noble cause and even the rains could not dampen their spirits.”

Mr Jesson Lim (MPE, 1999), President of the MPE Graduates Club, says:
“There was a great turn out by the old ‘boys and girls’ along with their family. They shared with their children the roots that they have developed with the Schools. This was especially significant with the tree planting event. It is always a wonderful experience to return to the familiar places in NTU which I visit every year.”
Mr Eric Chua (SCI, 2003), President of the NTU Symphonic Band Alumni says:

“We’re very glad that such a meaningful event is organized by the University every year… three cheers! The planting of the trees symbolizes our attachment to NTU, deeper and stronger, day by day, year by year!”

Mr Vincent Lim (EEE, 2003), Vice President of the NTU Buddhist Society Alumni says:

“The NTU Alumni Day is a joyous occasion for all alumni and the NTU Buddhist Society Alumni. It is nice to meet our old friends over lunch and we got to reconnect the fond memories of our undergraduate days. The tree planting is something new, marking a new milestone and may our relationship with NTU blossom with the golden penda (name of tree planted by the Association).”

Ms Tan Gim Hian (NBS, 1990), who together with fellow members, represented the NTU Chinese Society Alumni at the tree planting, says:

“It is nice being back to NTU for Alumni Day. It is nice to meet up with the old friends and bind new knots with young friends… a day when old and young together instigate the everlasting spirit in the campus.”

Mr Lee Chang Hsien (SCE, 1992) who was there with his wife and 2 kids, says:

“My two little kids were overjoyed and excited throughout the day. As for my wife who is here at NTU for the first time, it is also really an experience too. And of course, for me, while it is nice to meet up with old friends again, it is also interesting to see how much we have aged since graduation.”

Dr Su Guaning, President, NTU planting a Saga tree

Dr Amy Khor, Mayor of South West District, adds another tree at Yunnan Garden.
Speech By Dr Su Guaning, President, NTU, at NTU Alumni Day 2004 — Ties That Bind on 27 November 2004 At Nanyang Technological University

Members of the NTU Alumni family, distinguished guests, ladies and gentlemen,

It gives me great pleasure to welcome all of you back to campus for Alumni Day 2004.

Things are moving in NTU. The TIMES Higher Education Supplement recently published the first ever World University Rankings. It created quite a stir in academic circles. Although numerous previous ranking tables have been published for various parts of the world, particularly for the United States, this is the first comprehensive ranking of universities done for the whole world.

NTU came in at 50th position, ranked above many well-known names such as Duke University, Purdue University, and Tsinghua University. All of us in academic circles know that rankings are quite imperfect measures of the standing of a university and have to be taken with a pinch of salt. We are certainly not about to gloat or to think we are superior to the famous universities I mentioned. We are gratified to learn that the high position of NTU came with a strong showing in the peer review score.

This confirms my own anecdotal evidence that our partner universities, among them top ranked MIT, Stanford, Caltech and Cornell, regard our academic staff and our programmes with high respect.

All our alumni can be justifiably proud of this recognition and achievement. Singapore as a nation can be very proud for having produced two of the top 50 universities in the world, matching Hong Kong and Switzerland. We are certainly not resting on our laurels. Much work lay ahead of us.

First, we are hard at work transforming ourselves into a comprehensive university. Our three new schools are well on the way to full operation. Preparations to take in our pioneer students are well advanced.

Second, we are developing a holistic New Undergraduate Experience that offers our undergraduates not just a wide range of choices in courses and modules, majors and minors, but also offers them the opportunity to participate in team and group activities, build character and spirit, and develop leadership qualities.

Third, we are developing a seamless path between research, inventions and entrepreneurship, paving the way for NTU to become a key driver of the new knowledge-based economy that Singapore is developing into. NTU is set to climb further up the ranks in future years. But we are not going to chase the tail of NUS. Instead we are charting our own directions and developmental path. On the one hand, this offers Singapore students more choice and diversity, and a richer higher education scene. On the other hand, this offers us clear pathways to overtake.

Universities are very complex communities of scholars, administrators and students. We are holding our own in many areas against NUS, and in some of them we are better. But our competition is not NUS but out there in the world at large. Both NTU and NUS would do well to keep our eyes on the ball and not on each other, for the benefit of Singaporeans.

This year, I am gratified to see a tremendous attendance figure among our alumni and their families, rising from 1500 last year to 2600 this year. This bodes well for the future of alumni bonding with our university and for the future of the university. Our alumni are key stakeholders in this institution. We are working on building the framework for a more united and stronger alumni body, as well as ways to engage the alumni better in the operations and vision of the university.

Six outstanding alumni are being recognized today for contributions to the university and its relationship with the alumni. I look forward to seeing many more of you helping bring us together for the benefit of future generations. We have appointed a new Director of Alumni Affairs, Mr Soon Min Yiam, who is a graduate of Nanyang University. This afternoon, we shall welcome Minister of State Mrs Yu Foo Yee Shoon, another alumna, as Guest of Honour for our Carnival and Tree Planting ceremony.

Trees are being planted in many parts of the campus, not least in Yunnan Garden, to symbolise the university mission of developing future leaders, or in Chinese, 一花独放，百花齐放. Among the trees we are planting will be the ones, which seeds are Saga seeds to enhance the romantic atmosphere on campus. We are also working with our alumni groups to set up an Alumni Council to unite all alumni groups to work with the administration in advancing the university standing.

Next year, the year 2005, will be the 50th year since the founding of Nanyang University, our predecessor institution that first planted the seeds of knowledge in Yunnan Garden. It is also the year in which all our three new schools, Humanities and Social Sciences, Physical and Mathematical Sciences, and Art, Design and Media, go into full operation. It is a milestone year in the history of NTU.

The University will be embarking on a year-long series of events to celebrate NTU’s 50th Anniversary. We shall celebrate the colourful mosaic and tapestry that is the NTU history of NTU.

Among the trees we are...
On 2 November at the Cornell University, Ithaca, New York, NTU President Su Guining and Cornell President Jeffrey Lehman signed the final contracts to create a joint Master of Management in Hospitality programme – the first of its kind in Southeast Asia. The joint graduate degree will be administered by the Cornell-Nanyang Institute of Hospitality Management (CNI), housed at the Nanyang Business School in the NTU campus in Singapore. This flagship program of the CNI is aimed at cultivating future leaders for the Asia’s growing hospitality industry.

At the signing ceremony, President Lehman called the agreement “historic” and recognised it as “the next step in Cornell’s efforts to become a truly transnational university in the 21st century.” President Su said, “We expect the new programme to change the face of hospitality management in Asia.” To mark the signing of the agreement, President Lehman presented President Su with a Swarovski crystal pineapple – the world symbol of hospitality as well as one of prosperity in Singapore. President Su, in turn, presented President Lehman a framed, preserved orchid plated in pure 24-carat gold, representing “something precious and of great value,” he said. The technique of dipping flowers in gold was perfected in Singapore, President Su told President Lehman.

The inaugural class for this graduate programme will commence in mid 2006. Up to 50 students per class will spend equal periods of time at NTU’s campus and at Cornell’s campus in Ithaca, NY. Accredited by the American Assembly of Collegiate Schools of Business, the programme is designed to enable graduates to return to the hospitality industry as leaders with a higher level of responsibility due to the knowledge and exposure they have gained.

The Cornell-Nanyang Institute of Hospitality Management will train future hospitality industry leaders for Asia, which is currently experiencing enormous growth in travel and tourism and expansion by international hotel companies due to a more affluent middle class; increased trade; and China’s entry into the World Trade Organisation.

...the next step in Cornell’s efforts to become a truly transnational university in the 21st century."
In The Swing Of Things
PE Teachers Attain Firsts
By Assoc Prof Joan Fry, Physical Education & Sports Science

Two students stole the "honours" for the Physical Education & Sports Science Academic Group at the Teachers' Investiture Ceremony on 12 and 13 August 2004. Besides their first class Bachelor of Science with Diploma in Education (Physical Education (PE)) qualifications, Ms Cai Shu Juan and Mr Anthony Leow were also recipients of key academic prizes. Shu Juan earned the Singapore Sports Council Gold Medal for best PE trainee teacher, while the Lee Kuan Yew Gold Medal and Singapore National Olympic Council Gold Medal for best PE trainee teacher were awarded to Anthony.

These young teacher-academics each investigated an issue of local and international significance. In the exercise physiology significance, Shu Juan provided an assessment instrument measuring perceived physical effort by local Trim and Fit club members after substantiating the validity of an exertion measuring scale with obese male adolescents.

By identifying a Singapore school teacher's innovative approach in teaching games based on the national PE syllabus, Anthony was able to generate key suggestions for the best practice for teachers and teacher educators. With support from the Ministry of Education and Lee Foundation, he presented his findings at the 2004 pre-Olympic scientific conference in Thessaloniki, Greece.

Dissertation supervisors of Shu Juan and Anthony attributed both successes to 12 and 13 August 2004. Besides their first class Bachelor of Science with Diploma in Education (Physical Education (PE)) qualifications, Ms Cai Shu Juan and Mr Anthony Leow were also recipients of key academic prizes. Shu Juan earned the Singapore Sports Council Gold Medal for best PE trainee teacher, while the Lee Kuan Yew Gold Medal and Singapore National Olympic Council Gold Medal for best PE trainee teacher were awarded to Anthony.

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The Pursuit of Passion
NTU lecturer first in Singapore to receive Royal Holloway/Chevening scholarship for PhD programme

Nanyang Technological University (NTU) lecturer, Mr Adrian Leung Ho Yin, is the first in Singapore to be awarded the Royal Holloway/Chevening Scholarship to pursue a PhD programme in the United Kingdom. The scholarship will see the 29-year-old Mr Leung pursue doctoral studies in Information Security at the renowned Information Security Group of the Royal Holloway College, University of London.

Says Mr Leung, "I am confident that the PhD Programme will equip me with specialised knowledge and research skills to contribute to the advancement of the field of Information security and help realise my aspirations of becoming a leading researcher and academic in this exciting subject. I am indeed grateful to the British Foreign and Commonwealth Office and The Royal Holloway College for this magnificent opportunity." Mr Leung teaches a final-year undergraduate course in "Cryptography and Network Security" at NTU's School of Computer Engineering, where he has been a lecturer since 2003.

His love for teaching extends towards younger students as well. Mr Leung recently supervised a team of junior college students on the 2005 Technology and Engineering Research Programme (TERP) and successfully steered them towards achieving a gold medal in the TERP 2005 symposium.

Mr Leung received his scholarship from the British High Commissioner, HE, Mr Allan Collins on 1 December 2004.
A Shining Example

Trainee teacher honoured with Prestigious President’s Award

By Asst Prof Low Ee Ling, Sub Dean, Degree Programmes

NIE is honoured that second year Bachelor of Science (Education) trainee teacher Ma Goh Siew Hong was a recipient of the President’s Award for Teachers (PAT) 2004. This prestigious award is presented annually on Teachers’ Day to teachers who are deemed models of commitment to continual learning and enterprise. They are those who, through word and deed, inspire both their students and peers. Together with four other primary and secondary school teachers, 30-year old Siew Hong received her award on 1 September 2004 from Singapore President S R Nathan at the Istana.

Upon completion of her Diploma in Education in 1996, Siew Hong was posted for two years to teach at Yio Chu Kang Primary School. She subsequently spent the next six years in Admiralty Primary School, first as a teacher and then as Subject Head for National Education and Social Studies. Prior to embarking on the degree programme at NIE in July 2004, she was Head of Department for Citizenship. Her decision to enrol in the programme, specialising in Biology, is testimony of her commitment towards lifelong learning and professional development.

So what won Siew Hong the honours? In her own words, “I believe that I had the ability to touch the hearts of many of my pupils and fellow colleagues. My greatest achievement in teaching is to have played a critical role in the transformation of both the attitude and view of my students. With my constant guidance and by providing them ample opportunities, my pupils have discovered their strengths and have developed them to the fullest.” When asked for her advice to fellow aspirants of the award, Siew Hong adds with a chuckle, “Just make sure that you make a lot of time and create opportunities to interact with your pupils beyond the confines of the classroom.”
Building Ties With Alumni In China

During their visit to China in December 2004, Mr Chong Peng Jek, Vice-President (Student Affairs Office) and Mr Soon Min Yam, Director (Alumni Affairs Office) met with NTU alumni in Shanghai and Beijing.

At a gathering held on 9 December, in a Singaporean-owned Chinese restaurant in Shanghai, Mr Chong and Mr Soon were welcomed by key members of an alumni group, Singapore NU-NTU (China) Alumni, which was formed on 15 October 2004. The alumni group, led by Mr Teng Chiang Fong, a Nanyang University alumnus (1970), currently has 70 members. The group has been meeting regularly through gatherings to provide opportunities for alumni from across generations and different Schools who are working or doing business in Shanghai to network with each other.

The gathering was indeed a great time for building ties among alumni, some of whom have not met each other for 30 years. Alumni were briefed on the latest developments at NTU and were encouraged to maintain a close link and continue to support their alma mater.

On 15 December 2004, Mr Chong and Mr Soon attended the dinner in celebration of the 3rd Nanyang EMBA Course Opening Ceremony cum NTU International EMBA Alumni Association (AA) Inauguration Ceremony held at the Friendship Hotel, You Yi Palace. It was a rare occasion of seeing an overwhelming turnout of 120 EMBA alumni and students from various provinces to gather in Beijing for the celebration. The NTU EMBAAA was formed on 29 October 2004 with the main objectives of providing a platform for members to network and build ties, developing the NTU EMBA branding as well as offering career and business opportunities for alumni.

Mr Chong updated the alumni and students on the latest University’s developments and encouraged them to maintain a strong connection among the alumni and with their alma mater. They also enjoyed watching the VCDs featuring NTU’s latest achievements and the students’ life on campus.

Also speaking at the occasion, Assoc Prof Li Zhi-Feng, Director of EMBA Programme, welcomed students of the 3rd EMBA course and congratulated them on the formation of the Alumni Association. He urged the alumni to support NTU on its 50th Anniversary celebration. The Chairman of the Alumni Association, Mr Yang Yu thanked fellow alumni and students for taking their precious time to attend the gathering. It was an evening of laughing, toasting, bonding, making new friends and photo taking.

During the trip, Mr Chong and Mr Soon had discussions and exchanged views with the senior staff of Student and Alumni Affairs Office from Peking University and Shanghaidianzong University. They also visited the 2 proposed NTU’s offices in Shanghai Zhangjiang High-Tech Park and Beijing Zhongguancun Science Park, which will be used as a contact point for alumni in China.
Since 1948 AIESEC is an independent international non-political organisation that aims to promote cultural understanding, entrepreneurship and leadership. With corporate support from 89 countries, AIESEC has successfully been able to achieve its goals by realising more than 3500 exchanges each year. Visit our website at www.aiesec.org

Wanting to experience working abroad? Ever wondered what crossing borders really felt like?

From open sky policies to free trade agreements, the boundaries within which countries and companies operate are in fast diminishing. The Asian continent is to emerge as the most powerful in the coming years, say some experts. Each country brings about an industry that is attracting more and more foreign investment, be it textile industry for China, water treatment for Singapore or information technology for India. How could you play a bigger role in shaping these developments?

As one of the first initiatives to embrace these trends, AIESEC in Singapore brings about opportunities in cooperation with AIESEC in India to work with the leaders in the IT consulting space. Make your career and work for these companies in any of their offices around the world by gaining the initial training and experience from the land that breeds information technology — India.

From positions that start from entry levels and lead to managerial posts, take yourself to the level that you deserve.

An introduction session about AIESEC's India-Singapore Programme will be held on 14th of January 2005. Prior registration is required through singapore@aiesec.net by January 12th.

There will be information sessions held each month from January to June 2005. Please e-mail us with request for notifications. All candidates must be below age 35.
Nanyang Technological University (NTU) and Universiti Sains Malaysia (USM) will put in place an arrangement for the exchange of academic staff. This academic exchange will see academic staff members from either side teach and conduct joint research. A likely research focus is pharmaceutical engineering.

The NTU-USM academic exchange will complement an existing arrangement established in 1997 by the two universities for the exchange of undergraduate and graduate students for study and research.

Says Prof Dato’ Dzulkifli Abdul Razak, Vice-Chancellor, USM, “We look forward to exploring new ideas of collaboration between USM and NTU given the various academic and cultural experiences that the two institutions have developed over time. In a globalised environment, educational institutions especially universities have a lead role to play in enhancing diversity as part of the education experience that students and faculty members can look forward to enrich themselves.”

Dr Su and Prof Dato’ Dzulkifli signed a Memorandum of Understanding on 18 November 2004 to formally acknowledge their commitment for joint research and education. Alluding to cordial ties between the two universities, the MOU also caters for a social exchange between the two tertiary institutions through inter-varsity games.

**NTU’s Links with Malaysian Universities in Education and Research**

Besides the collaboration with Universiti Sains Malaysia, Nanyang Technological University (NTU) also collaborates with other Malaysian universities.

**Collaboration between NTU and the University of Malaya**

NTU signed an MOU with the University of Malaya in 1997 to cooperate on:
- Exchange of information and materials
- Exchange of academic and administrative staff
- Exchange of research staff
- Exchange of visiting scholars
- Exchange of students
- Provision of briefing services for visitors from the other institutions

In 1999, NTU and the University of Malaya also signed a specific MOU on student exchange.

**Collaboration between NTU and New Era College**

NTU signed an MOU with the New Era College in 1997 to cooperate on:
- Teacher and student exchange visits
- Information exchange
- Joint activities between NTU’s Centre for Chinese Language & Culture (CCLC) and New Era College
- An arrangement for New Era College students to attend selected subjects at the National Institute of Education (NIE)
- An arrangement for graduates of New Era College to pursue postgraduate studies at CCLC or NIE’s Division of Chinese Language & Culture

In the same year, NTU and UPM also signed a specific MOU on student exchange.

**Collaboration between NTU and Universiti Putra Malaysia**

NTU signed an MOU with the Universiti Putra Malaysia (UPM) in 1999 to cooperate on:
- Visits by and exchange of graduate and undergraduate students for study and research
- Visits by and exchange of staff for research, teaching and discussions
- Exchange of information
- Joint research activities
A team of 10 NTU professors and researchers has been working with the IOIT since January 2004 to design and set up the laboratory. The effort included a week-long technical workshop in March 2004 in Hanoi, during which NTU professors shared their research findings in VR technology. NTU will continue to have a role in the laboratory even after it is set up as it would still be providing human resource training and technical support to the IOIT.

Dr Le Hui Khiu, the Director of IOIT, says that the IOIT Virtual Reality Laboratory is part of Vietnam’s National Key Lab on Network Technology and Multimedia, and represents a major thrust for Vietnam in IT research. Says Dr Le, “We are impressed with NTU’s reputation for and expertise in virtual reality and augmented virtual reality, and more so with their willingness to share their expertise.”

The IOIT Virtual Reality Laboratory, which will be opened in April 2005, will be equipped with VR technology and applications that are designed by the NTU team. Equipped with such capabilities, the laboratory will also be able to employ virtual reality as a tool for teaching and education.

Says Assoc Prof Seuh Hock Soon, Dean of NTU’s SCE, “Our school is pleased to share our expertise in virtual reality research and development with IOIT, whom we value as a research partner.”

“The working relationship between SCE and IOIT has been excellent and we are now finalizing details for a long-term collaboration between SCE and the IOIT, which will take off after the opening of the virtual reality laboratory. Such a partnership will further pave the way for our school to collaborate with IT institutions in Vietnam.”

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Feature

A Feather In Our Cap

NBS 2004 Graduates Top Business Plan Competition in Seattle

Contributed by Dolly Looe, Principal Manager, (UPO)

Three 2004 Business graduates, who convocated in July 2004, topped the Business Plan Competition in NTU’s Technopreneurship & Innovation Programme (TIP). The competition took place at the University of Washington’s Department of Bioengineering in early October as part of their four-month full-time graduate diploma TIP course, jointly organised by both universities.

Pitching to more than 30 US venture capitalists and competing against six other teams in the competition, the winning feeling was “simply overwhelming”, as expressed by Farah Adila Fami, a Business Marketing graduate. Farah was part of the team that bagged the coveted First Prize in the event. The winning team formed a company, StentSys Inc., a set-up engaging primarily in development, marketing and sales of in-vivo medical devices, specifically stents and other related medical devices.

Farah has this to say about the contributions of her NBS undergraduate education:

The NBS education has been essentially helpful in preparing me to deal with real business issues faced. The foundation in marketing, strategic management, global marketing and international business management has also given me a better edge in understanding complex business issues. The intensive presentation series back in the undergraduate days served to be extremely important in giving me greater confidence and preparation in public speaking.

Alongside Farah in the same competition were fellow 2004 Business graduates, Nurhidayati Yahya (Yati is also another Marketing graduate) and Michelle Lim Mei Yit (from the Applied Economics specialisation), who won Third Prize with their start-up Cerebus. Their company aims to be the world’s leading computer-aided detection neurological imaging business.

Yati has this to say about being an NTU alumni:

The NBS education has been extremely important in giving me a better edge in understanding complex business issues. The intensive presentation series back in the undergraduate days served to be extremely important in giving me greater confidence and preparation in public speaking.

Amongst the other members of Yati’s team, Meiyi (from the Applied Economics graduate diploma TIP) and Michelle Lim Mei Yit (from the Applied Economics specialisation), they aimed to support their company Cerebus Inc. with funding. Cerebus aims to be the world’s leading computer-aided detection neurological imaging business.

The pioneer batch of students, who will leave for China and the US in Jan 05, has established a club to enable all GIP participants to network with one another. They also plan to set up a mentoring system where they can share their experiences with future GIP participants.

NTU has opened many windows of opportunities for me, from my enriching experience during my undergraduate Professional Attachment at Gemplus Technologies to this wonderful chance to be part of TIP. I walk around with pride that I am an NTU/NBS graduate.

And the prize money for our victorious winners? Farah’s StentSys Inc. was awarded a total of S$15,000, while Yati’s team of Cerebus Inc. walked away with $85,000 as reward for all their efforts and hard work. Our heartiest congratulations to all three NBS graduates! Indeed, their success at the competition is a true testament of NTU’s vision to be a global University of excellence, arched in ideals, creativity, passion and entrepreneurialism.

Su Guaning, President of NTU, explains the rationale for such a programme. “The GIP is an integral part of our New Undergraduate Experience. It is designed to groom future leaders to excel in a global environment by offering them a multi-country education and experience, right from their undergraduate days.”

The GIP has proven to be very popular among NTU students. To cater to this demand, NTU plans to expand the programme – it hopes to send up to 20% of its undergraduate cohort overseas in five years’ time. The university is also assessing the feasibility of sending its students to other fast-growing economies such as India and other neighbouring countries as well as selected countries in Europe.

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News Round Up

Class of 1985
20th Anniversary Celebration

Calling all alumni from the Class of ‘85…. get together for a day of reminiscing and revelry as we celebrate the 20th Anniversary of the pioneer batch.

To be held on 26th November 2005 at the NTU campus, you can enjoy many interesting and fun activities such as a telematch, BBQ dinner, jam session and many more! Your family is also invited!

So mark this date, and look out for more information coming your way very soon! You may also surf by our website, www.ntu.edu.sg/alumni.

Personal Particulars Update

To help us serve you, our alumni, better, kindly update your particulars here, and send the form to:

Director
Alumni Affairs Office
Nanyang Technological University
60 Nanyang View
#02-21 Nanyang Executive Centre
Singapore 639673

Fax: 6792 5048
Email: wwwalumni@ntu.edu.sg
Website: www.ntu.edu.sg/alumni

For change of address:
Name: ____________________________
NRIC/Passport No. : ____________ Course/Yr of graduation: ____________
Home address: ____________________________ Postal code: ____________
Tel(H): ____________ Pager/Handphone no. : ____________
Email address: ____________________________

For employment update:
Company name: ____________________________
Company address: ____________________________ Postal code: ____________
Designation: ____________________________ Tel (O): ____________________________ Fax: ____________

Alumni family members:
Name: ____________________________ NRIC/Passport No.: ____________ Relationship: ____________

If you are receiving duplicate copies of the NTULink, or know of fellow alumni not receiving the NTULink, please contact us at 67904434 or email us at wwwalumni@ntu.edu.sg.
A Night To Remember

RECORD TURNOUT AT MBAAA 2004 AGM

A grand total of 80 alumni, participants and faculty graced the prestigious Nanyang Business School MBA Alumni Association (MBAAA) Annual General Meeting (AGM) at Meritus Mandarin on 31 August.

Mr Terence Chan, who was re-nominated as the President for the association, expressed his pleasure at the recognition of effort, "The membership has increased 20-fold to its current number of 300. I want to thank the current committee for their hard work and dedication. I believe the newly elected committee will bring the association to new heights."

The MBAAA also took the opportunity to express appreciation to Professor Neo Boon Siung, former Dean of Nanyang Business School for his leadership and guidance and presented him with a set of Chinese calligraphy.

It was an evening where old friends got to meet new ones. And a big thank you to Mr Terence Chan who sponsored the wine for this event!

A toast by the old and new exco members to a good year ahead!

The newly elected committee members are:

President
Mr Terence Chan

Mr Ng Siau Yong
Vice-President
Mr Yap Tee Peng

Mr Ramesh Veramathu
Honorary Treasurer

Mr Yau Kai Cheong
Honorary Secretary

Mr Wong Nee Tat
Committee member

Assoc Prof Choo Tock Min
Committee member

Mr Xia Zhiqiang
Honorary Auditor

The 2003 committee members were:

Mr Terence Chan
President

Mr Ng Siau Yong
Vice-President

Mr Yap Tee Peng
Honorary Treasurer

Mr Ramesh Veramathu
Honorary Secretary

Mr Yau Kai Cheong
Committee member

Mr Wong Nee Tat
Committee member

Assoc Prof Choo Tock Min
Committee member

Mr Xia Zhiqiang
Honorary Auditor

Mr Soon engaging the representatives in a lively discussion.

Meeting with Presidents of Alumni Associations representing special interest groups

On 9 November 2004, Director of Alumni Affairs Office Mr Soon Min Yam, together with colleagues Sadia and Pik Lian, met up with the Presidents and members of the Alumni Associations representing special interest groups.

During this informal get-together, representatives from the NTU Symphonic Band Alumni, NTU Buddhist Society Alumni, NTU Chinese Society Alumni and NTU Archery Alumni Association had a discussion with Mr Soon during which they enlightened everyone on the activities and operations of their Association. Through this meeting, the representatives also highlighted some of their concerns to Mr Soon.

Mr Soon highlighted to the representatives on the scope and future directions of the Alumni Affairs Office. He informed that the Office will work closely with the Alumni Associations to achieve the new strategies and initiatives. He expressed his appreciation to the members who had attended, and thanked them all for their opinions.

Mr Soon (standing, third from left) together with the representatives of the Alumni Associations, and colleagues from the Alumni Affairs Office. Sitting, from left: Sadia Roohi (AAO), Pik Lian (AAO), Sharon Au (Treasurer, NTU Symphonic Band Alumni), Gan Chui Goh (President, NTU Chinese Society Alumni), Tay Swee Hoon (Secretary, NTU Chinese Society Alumni)

Standing, from left: Vincent Lim (Vice President, NTU Buddhist Society Alumni), Mr Soon Min Yam, Eric Chua (President, NTU Symphonic Band Alumni), Ng Wee Soon (Member, NTU Archery Alumni) and Low Kian Mong (Member, NTU Chinese Society Alumni)
I t was a quiet Saturday evening on 4 Dec ’04 and the setting was that of an idyllic holiday resort. Children played at pool slides amidst swaying palms and lush green view enjoyed from the cool comfort of luxurious sofa sets – the perfect setting to meet up with old friends and enjoy a meal together.

On the second floor of Yishun SAFRA Club, the atmosphere was buzzing with excitement as guests strolled in for the NTU Buddhist Society Alumni Dinner – Snapshot. Oohs and aahs abounded as old friends met and new additions were introduced.

At 7.45pm, the lights were dimmed and the alumni were treated to a slide show tracing their undergraduate days with the Buddhist Society all the way from the 1980s. From the lens of manual analog cameras to auto focus cameras to digital cameras, history was presented and memories relived. The first surprise for the night were received with smiles and laughter as the alumni found pictures of themselves and their families taken just outside the dinner hall shown in the slide show.

The dinner then switched gear as the music started to pulsate. As if on cue, dancing “waiters and waitresses” burst into the room making their way to the tables. The waiters and waitresses were none other than the representatives of the Buddhist Society and Alumni management committee. They brought with them another surprise. The first “dish” of the night was a camera with party poppers for each table.

After a short speech, the Alumni Vice President Mr. Lim Kien Chuan led the guests to kick off the dinner with the popping of the party poppers. The rest of the night was filled with fun and laughter as guests indulged themselves in good food, great company, wonderful games and fabulous lucky draw contests. The free cameras came in handy for guests to capture the happy moments.

The happiest person at the end of the day had to be Ms. Christina Kwok who bagged the grand prize – a DVD player!

Amongst of the memorable moments of the night includes little three-year-old Xinying who won a prize twice her size – fortunately Daddy and Mummy came to her rescue. Other surprises included three alumni (including our Alumni President Mr. Toh Hong Seng) rushing to join the dinner mid-way from the airport.

As the dinner officially came to a close, the guests were reminded of the next coming event on 18 Dec ’04 – the Open House cum Bursary Award Ceremony of our Alumni’s very own Little Bodhi Student Care dedicated to providing quality student care for lower income families.

The Alumni looks forward to see all the old faces and many new faces for next year’s dinner. Till we meet again, you’ll have those snapshots to keep you company and remind you of a marvellous night of family and friends...

WE’RE GOING TO THE MOVIES!

Remember our first date — eating popcorn, exchanging smiles and watching Spiderman 2 in the dark of the cinema hall?

WELL, THE TIME HAS COME AGAIN FOR US TO MAKE A DATE!

The Alumni Affairs Office will be planning yet another entertaining movie screening you sure wouldn’t want to miss!

To find out more details log on to www.ntu.edu.sg/alumni or drop us an enquiry at wwwalamni@ntu.edu.sg

CAN’T WAIT TO SEE YOU THERE!
The Finance Seminar for Non-finance Professionals

Most engineers are petrified when they hear finance jargon at work – balance sheets, P&L, Debit and credit often overwhelm all of us. That’s why the School of Materials Engineering Alumni Association (SMEAA) decided to step in and organise a “Finance Seminar for Non-Finance Professionals” in September 2004. Its primary objective was to approach central themes in Finance and Accounting from a layperson’s perspective for attendees to appreciate how finance concepts are applicable to their own personal lives.

SMEAA invited Mr. Daniel Tan – a lecturer at the Singapore Institute of Management – to conduct the Finance Seminar. Besides SME Alumni, the seminar was also opened to alumni from the other schools in NTU. The seminar was held on 24 September 2004 from 7pm at LT4 in NTU. SME supported the seminar by assisting the SMEAA with the venue arrangement.

The evening provided an informative overview of the core accounting and financial concepts. The seminar facilitator, Mr. Daniel Tan, was able to weave these concepts into paradigms that could easily be understood by the attendees, thus breathing life into an otherwise dry subject.

SMEAA frequently organises such professional development seminars for its members. Often, these seminars are also opened to alumni from the other schools to enable all NTU alumni to take advantage of these learning opportunities.
IMechE Research Competition

For the second year running, the Andrew Fraser Prize has been awarded to a postgraduate student from the School of Mechanical and Production Engineering at NTU. The prize aims to recognise the work of researchers in the field of Mechanical Engineering and is awarded annually. From a pool of 24 research students from NTU and NUS, 6 students were selected for the final round of the competition.

The entries came from fields as diverse as biomaterial processing, machining, operations research, and MEMS (Micro-Electrical-Mechanical-Systems).

In the final round, the students were required to submit a research paper and give a 20 minute presentation of their work. The competition was won by Mr Marcos, of NTU, for his presentation entitled: “Frequency Dependent Electroosmotic Flow in a Closed End Rectangular Microchannel”.

In his presentation, a novel usage of the electroosmosis principle in a mechanical actuator was demonstrated. Preliminary work to assess the feasibility of this actuator was presented. A US provisional patent has been filed based on this design.

Marcos is currently pursuing research in microfluidics towards the degree of Master of Engineering under the supervision of Associate Professor Ooi Kim Tiow and Assistant Professor Charles Yang Chun.

For more information, please contact:
Mr Marcos
Tel: 6790 6174
Email: Marc0002@ntu.edu.sg

MPE Triumph in IMechE Research Competition

Andrew Fraser Prize Abstract

Frequency Dependent Electroosmotic Flow in a Closed-End Rectangular Microchannel

In the field of BioMEMS, electroosmosis phenomena have always been an integral part of its research due to its abundant applications. For instance, electroosmosis has been utilized widely as a powerful pumping means to precisely transport and manipulate liquid samples in microfluidic devices. In this work, an unconventional usage of electroosmosis principle in a mechanical actuator will be demonstrated. In its simplest form, the actuator consists of an electrolyte filled non-conductive microchannel with one end closed and another ending as a piston. When an electric field is applied tangentially along the channel, a high backpressure gradient is induced along the channel, such that the piston end will be subjected to a higher pressure and the closed end to a lower pressure. To allow the piston to actuate, an alternating (AC) electric field can be employed. This concept is not restricted to only applications in micro systems but it can be extended to conventionally sized environments. Preliminary work to assess the feasibility of this actuator is presented in this paper.

This paper presents an analysis of the frequency dependent AC electroosmotic flow in closed-end rectangular microchannels, which is not only relevant to the development of the new microelectrophoretic approach but also provides insight into the development of a novel electrokinetic microactuator. Since the microchannel is closed, the AC electroosmosis should have a different frequency response due to the superposition of the viscous waves generated by the electroosmotic flow and the induced counter-flow. In the present study, the Navier-Stokes equation governing AC electroosmosis is solved analytically using the Green's function formulae in combination with a complex variable approach. With the Debye-Hückel approximation, the electrical double layer potential distribution in the channel is obtained by analytically taking the lowest term of the Poisson-Boltzmann equation. The effects of frequency-dependent AC electric field on the oscillating electroosmotic flow and the induced backpressure gradient are studied.

The results show that the AC electroosmotic flow is strongly dependent on the frequency of the applied sinusoidal electric field. Moreover, it is found that the induced back pressure increases with increasing frequency of applied electric field or decreasing channel size. It is concluded that such a phenomenon is a feasible proposal for actuation applications.
Excellence In Engineering

Prestigious Engineering Achievement Award for Three CEE Dons

Three Professors from the School of Civil & Environmental Engineering have done us proud by winning the Prestigious Engineering Achievement Award 2004 conferred by the Institution of Engineers, Singapore (IES). The award presentation ceremony was held on Friday 5 November 2004 at The Ritz Carlton Hotel during the IES 38th Annual Dinner & Dance.

These annual Awards recognise the outstanding achievements of engineers and the organisations responsible for outstanding projects in Singapore. The winning projects by NTU demonstrated the outstanding engineering achievements which have made significant contributions to the engineering progress and the quality of life in Singapore.

Professor Pan Tso-Chien, Director of the Protective Technology Research Centre collaborated with a team from the Defence Science & Technology Agency — with key contributions from Professors Zhao Jian and Lu Yong — on an outstanding project for maximising land use through the use of underground space and minimising the sterilised land for surface buildings.

Prof Tay Joo Hwa, Head, Division of Environmental and Water Resources Engineering and Director of the Institute of Environmental Science & Engineering, had worked with a team of CEE professors on an innovative project for biological wastewater treatment. He received the award in absentia.

Dr Beng Ong, our NTU alumnus who graduated from Nanyang University in Chemistry (Class of 1970), has been named as one of the Business Leaders in Scientific American magazine's prestigious list which recognises outstanding acts of leadership in science and technology. The annual list, 2004 Scientific American Top 50, cited Dr Ong as a Business Leader in Chemical and Materials for his leading research and milestone contributions in plastics electronics.

Dr Ong visited NTU in October 2004 where he met senior staff from the Schools and Administration. He gave a presentation on "Plastic Electronics" at the School of Materials Engineering on 18 October.
A

ssociate Professor Tommy Wong has accepted an

vitation to join the Editorial Board of the Advances

in Water Resources. Being specialised in drainage

design and flood hydrology, Prof. Wong has since

published one book and more than 50 journals and conference

papers.

Prof. Wong is also active in promoting research locally in his

capacity as the co-chairman of the NTU-NEA (National


His research work has also been recognised worldwide. Since

1998, his biography has been cited in Who’s Who in the World

published by Marquis Who’s Who, USA.

In 2003, he was a member of the International Steering

Committee for the International Conference of GIS and Remote

Sensing in Hydrology, Water Resources and Environment held

at Three Gorges Dam, China. He also recently won the J.C.

Stevens award from the American Society of Civil Engineers in

2004 – an award which recognises excellence in a paper published

by the ASCE. In the same year, he was also invited to speak at

the International Symposium on Urban Water Cycle in

Cheonggyecheon Watershed held in Seoul, South Korea.

Prof. Wong joins a group of eminent water resources

researchers and professionals who serve on the Editorial

Board. The journal Advances in Water Resources provides a

forum for the presentation of scientific advances in the

understanding of water resources systems. Based on the impact

factor of more than 50 water resources journals, Advances in

Water Resources has been ranked first and second respectively

by the Institute for Scientific Information in the 2002 and

2003 Journal Citation Reports.

MPE Alumni members, get ready for more sizzling hot events, which will

be coming up in 2005! We are planning for the following events:

March

Skyquest Cash Flow Game

April

Scuba Try-Out

May

Go-Kart and During Tour in Johor

June

3D/2N Island Trip to Pulau Dayang, West Malaysia

July

Professional Talk

Behavior-Based Safety

August

MPE Old Boys/Girls Night

September

White-water Drafting

October

A charitable event (TBA)

Don’t forget to check regularly at our website at

http://www.ntu.edu.sg/mpe/Others/alumni for more details of the upcoming events.
The "Permanent" E-mail Address
Pmail Forwarding Service

Say bye to the hassle of having to inform your friends over and over again when you change your e-mail address. Register for Pmail today! A service for our students and graduates, like you, Pmail provides for maintaining a "permanent" e-mail address with the University. Furthermore, you get to specify your very own alias when creating the following address ending with @pmail.ntu.edu.sg! All emails sent to your Pmail address will automatically be redirected to your personal e-mail address. Example: All emails to john@pmail.ntu.edu.sg (permanent Pmail given by CITS) will be redirected to "john@pacific.net.sg" (personal email address). When you change your destination e-mail address (personal e-mail address), simply go to our website http://www.ntu.edu.sg/alumni to update and you will find all your e-mails reaching you again. It's that simple! So no matter how many personal e-mail addresses you have, the control is always on your side to direct it to the account you want. The very reason why Pmail is a Permanent e-mail address!

As NTU alumni, you are entitled to various services and privileges.

Free Alumni Email Service for Life

NTU has provided a host of email services to you from the time you were a student all the way till after your graduation when you become an alumnus of NTU. The NTU Mailbox was issued to you as a student and if you have just graduated, you now have the option to keep this mailbox. This new service is now in place, thanks to the Centre for IT Services, NTU. You can now keep your mailbox forever — nothing will change (only your domain name will move from STUDENT to ASSOC). You will continue to have access to selected Public Folders and to the iGEMS portal.

If you have graduated from NTU some years ago, you can also apply for a free alumni mailbox, which you will keep for life. You will be given an email address ending with @ntu.edu.sg. This will recognize you, our alumni, as part of NTU. With this alumni mailbox, you can now identify yourself as the privileged Alumni of NTU and keep in touch with all your fellow Uni mates! To apply, click to http://www.ntu.edu.sg/alumni/alumni_privileges.htm.


翻譯副修啟航
以兩語雙文化為目標

從2004-2005年學年第二學期開始，中文系將為南大學生開辦翻譯副修課程。在強調口語、雙文化的时代，翻譯副修課程以培養掌握兩種語言與文化的南大學生为目标。學生在學習的文、理、工、商、傳播学等專業的基礎上，再加上翻譯的訓練，將使他們更能夠適應未來的發展需要。

翻譯副修主要開設於英語與英語翻譯。2005年1月首次推出的“翻譯歷史、理論與轉換”和“翻譯的語言基礎”兩門課。前者通過引導學生認識翻譯歷史的歷史分析的意義與價值，並通過探討東西方主要的翻譯理論，來認識翻譯的特質；後者則強調英語語言及其翻譯的技巧以及結構對比，讓學生認識這些知識與訓練如何在英語互譯中起實際作用。課程設計理論與實務並重，重視語言策略、文化知識以及翻譯實踐，讓學生在較完整的課程體系下多掌握一門實用的技能，因而日後在企業這個方向努力的學員奠定良好的理論基礎。

同時，歡迎瀏覽以下網頁以了解更多詳情：

Environmental Engineering Research Centre (EERC), Maritime Research Centre (MRC) and Protective Technology Research Centre (PTRC) are offering postgraduate Research Scholarships to pursue a MEng or a PhD degree in the School of Civil & Environmental Engineering (CEE) in Nanyang Technological University. Financial support is awarded on a competitive basis. Successful applicants will enrol as full-time students to read subjects and complete a research thesis in one of the fields listed here:

Environmental Engineering/Science and Water Resources
- Water Reclamation
- Environmental Biotechnology
- Waste Reclamation
- Environmental Remediation

Environmental Fluid Mechanics
- Hydrology
- Water Resources Management
- Port and Maritime Technology
- Maritime Hydrodynamics
- Fluid-Structure Interactions
- Bunker Fuel
- Marine Environment
- Advanced Protective Technology
- Blast Response of Structural Components and Systems
- Post-Blast Fire Effects on Structural Components and Systems
- Soil and Rock Dynamics
- Ground Shock Effects on Structures

Interested applicants are invited to apply online at: http://www.ntu.edu.sg/cee/program/phd.asp#MSC

For more information, please contact:
CEE Graduate Studies Office
Email: ceepostgrad@ntu.edu.sg

Alumni Scholarship
NTU has established the Nanyang Alumni Fund which is part of NTU 21st Century Fund. The objective of the fund is to provide scholarship awards, the ‘Alumni Scholarship’ to alumni and undergraduates who are children or siblings of the University’s alumni. Alumni can apply for the scholarship for any full time graduate programmes conducted by the University. Eligible full time undergraduates of all years of study and in all Schools may also apply. To find out more, visit our website at www.ntu.edu.sg/alumni

For more information, please contact:
CEE Graduate Studies Office
Email: ceepostgrad@ntu.edu.sg

You can join the NTU Library as a Graduate Member for an annual subscription fee of $51.50 (inclusive of GST) and continue to borrow your favourite books! However, NTU graduates will enjoy a subscription waiver for the first year upon graduation. For more information and application form, please refer to http://www.ntu.edu.sg/library/Info/member.htm#registration. More details about membership application instructions are available at http://www.ntu.edu.sg/Library/Membership/OutsideGraduate.htm

Your Centre For Lifelong Learning
Centre For Continuing Education (CCE)
All alumni are entitled to a discount of up to 25% for selected courses organised by the Centre for Continuing Education, NTU! Courses available can be found in issues of the NTULink and the CCE website at http://www.ntu.edu.sg/cce.
Announcement

Technopreneurship & Innovation Program (TIP)

Started in 2002, TIP is a 16-week full time program designed to provide each participant with a truly wholesome entrepreneurship learning experience. It is modeled against the entire venture creation cycle by systematically imparting to participants the knowledge, the skills and the mindset - through "real life" applications and experiences.

Besides classes at NTU, the TIP program included 1 week of seminar sessions at Stanford University as well as corporate and start-up visits at Silicon Valley, and a 5-week immersion program at the University of Washington (UW), Seattle USA. The design of TIP curriculum is well supported by experiential learning and the vital components of an entrepreneurship ecosystem (for both segments in Singapore and in US), which involved interaction with entrepreneurs, mentors, innovators, intellectual property attorneys, venture capitalists, private investors, business leaders and relevant government agencies.

Before lessons begin, TIP participants are sent to Outward Bound School (OBS) to build strong team spirit. Based on participants’ feedback, the OBS experience bonded all of them together and further spurred them to leave their comfort zones, be resourceful and react quickly to adversity — the traits of a successful entrepreneur.

TIP’s collaboration with UW also provides TIP participants an excellent opportunity to work more closely with US inventors. The work includes conducting in-depth technology and intellectual property (IP) evaluations, and producing business plans based on the inventions. These business plans will then be judged by ~40 judges who are from venture capitalist and business communities in US. In addition, an arrangement was made with UW for TIP graduates, who are interested, to exploit the IP with new startups.

TIP offers only a maximum of 50 placements each year to maintain the quality of interaction and the level of dynamism in the learning process. The program has been well received. Since 2003, the program started to attract a growing pool of young working professionals including entrepreneurs, members of venture financing community and some with postgraduate qualifications.

The TIP Class of 2005 will commence their program on 6 June 2005, and will conclude with a grand finale $30,000 Business Plan Competition at the University of Washington, Seattle. All TIP graduates will be conferred a joint NTU-UW graduate diploma at the end of the Program.

Excited!!! To find out more about the revolutionary and thoroughly exhilarating TIP Program!!

Log on to: http://www.ntu.edu.sg/NTC/programs/TIP for more information & application
Tel: +65 6790 5902 / 5782 / 6029, Fax: +65 6792 0467, E-mail: ntc@ntu.edu.sg
Announcement

NANYANG EXECUTIVE CENTRE

Nestled amongst the greenery, hills and lakes of the Nanyang Technological University (NTU) campus, the Nanyang Executive Centre (NEC) is the home of NTU’s Executive Programmes and continuing education. This Centre is designed to cater for both accommodation and conference facilities suited for in-residence programmes and short term courses.

NEC has a total of 45 Conference Facilities, which include Auditorium, Lecture Rooms, Seminar Rooms, Breakout Rooms and Function Room that can accommodate anything ranging from a small meeting to a conference size of 200 people. The teaching facilities here are well equipped with automated, user-friendly touch screen system control panel, state-of-the-art audio-visual equipment and broadband Internet connection.

Over at the Guestroom Wing, there are 166 Executive Rooms and two Executive Suites. These rooms are all tastefully furnished, complete with room service and amenities such as television and cabled channels, bar fridge, alarm-cum-radio clock and broadband Internet connection. Executive Lounges, which feature reading and sitting areas for interaction and intellectual exchange, are also accessible on each floor for the in-house guests.

A stone’s throw away from NEC, there are lifestyle facilities such as the NTU Sports and Recreation Centre with its Olympics-sized swimming pool, basketball courts, gymnasium and running track. Also, there is the NTU Staff Club with its own fitness centre, restaurant, bar lounge and other amenities such as supermarket, postal agency, hair salon and clinic.

Being strategically tucked away from the hassle and bustle of the city, NEC really offers a unique and discreet setting for business meeting, seminar, informative workshop, retreat, functions dinner and more.

Special concessionary rates will be given to alumni who book the facilities.

For booking information, please call the front desk at +65 6790-6697 or visit the website at www.ntu.edu.sg/nec.
Children’s Day Celebration
1 October 2004

152 members and children turned up for this special event. There was excitement aplenty, including games, a fancy dress competition and even the appearance of Mr Sunshine. Giant ball games, comedy magic just for kids, great food, superb door gifts and fantastic lucky draw prizes made the occasion a fun time for both parents and children.

Alumni Group Gathering
23 Sep 04 and 24 Nov 04

These two extremely fruitful sessions brought together dedicated alumni for networking, problem-solving and good fellowship. On both agendas, a chance for the various groups to come together, network, and exchange everything from ideas to contacts to name cards. As an added incentive, the hard work was accompanied by a generous buffet dinner and an even more generous free flow of beer!

Creative Parenting
4 November 2004

Members and their spouses had a wonderful time during this talk cum workshop. The objective is to learn a set of core values that demonstrates how simple and easy it is to inspire creativity passed on from parents to their children through simple activities such as arts and crafts to create strong family bonding.

To find out more, please visit the NTU Alumni Toastmasters Club website at www.ntualumni.org.sg/toastmaster or contact Julian at 6336 6588.

Toastmasters Club
Every last Tuesday of the month

The Toastmasters Club was formed for the purpose of helping people shape up their communication skills. In addition, the Club does a wonderful job of helping people acquire leadership as well as organization skills. To create a good first impression, unless one is born with this talent, one has to learn and acquire this unique but important communications skill, the sooner the better.
Style with substance,
A place where sharp minds meet,
Driving the intellect to exploration and discovery.
A networking niche for success and aspiration,
A restful retreat for the senses,
Sweeping away the rigors of work.

NTU Alumni Club at One-North is an oasis of greenery — a cosmopolitan tertiary club bringing forth a world of like-minded intellectuals to be part of this exclusive fraternity. With an objective to nurture professionals through business networking, along with a balanced lifestyle for the elite and their families, this new Clubhouse will serve as a platform to bring together the graduates of Nantah, NTI & NTU. In forming this fraternity, the alumni can look forward to forging stronger bonds; tying their past, present and future together as our alumni matures through the years.

Graduates of NTU can get a sneak peek of the new facilities to be completed in 2005. As a member, this club is available to you, your family and friends. Start living it!

Please call any of our membership services staff at 6536 6588 or email sales@ntualumni.org.sg for membership enquiries or application.