FACTSHEET

For immediate release

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Singapore, 29 August 2005

NTU CELEBRATES 50 YEARS OF EXCELLENCE

Programme schedule - 29 August 2005, Monday

<table>
<thead>
<tr>
<th>Time</th>
<th>For Alumni</th>
<th>For Faculty, Staff and Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.30 pm</td>
<td>Performances and tour of heritage exhibits at Yunnan Garden</td>
<td>Performances hosted by celebrity student MC, Joanne Peh</td>
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<tr>
<td>6.30 pm</td>
<td>Arrival of guest-of-honour, Prime Minister Lee Hsien Loong</td>
<td>Live broadcast on the happenings at the former Nanyang University Administration Building</td>
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<td>PM Lee tours interactive exhibits at Yunnan Garden</td>
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<tr>
<td>6.55 pm</td>
<td>Welcome speech by NTU President Dr Su Guaning</td>
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<tr>
<td>7.00 pm</td>
<td>Address by PM Lee</td>
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<tr>
<td>7.15 pm</td>
<td>Lighting of torch by PM Lee</td>
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<tr>
<td>7.20 pm</td>
<td>Mass walk of 400m from Yunnan Garden to the NTU Quad</td>
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Together in celebration
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7.45 pm</td>
<td>Arrival of PM Lee, guests and alumni at the NTU Quad</td>
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<tr>
<td></td>
<td>Performances</td>
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<td></td>
<td>PM Lee witnesses lighting of firepan</td>
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<td></td>
<td>Dr Lee Seng Gee and Mrs Della Lee to present cheque to NTU Endowment</td>
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<td></td>
<td>Fund, in support of the Institute of Advanced Studies</td>
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<tr>
<td>7.50 pm</td>
<td>Cutting of 50th Anniversary cake</td>
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<tr>
<td>7.55 pm</td>
<td>Project Fuzion – a combined performance by 10 NTU student groups</td>
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<tr>
<td>8.05 pm</td>
<td>Opening of School of Biological Sciences (SBS) building and dedication</td>
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<tr>
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<td>of the NTU Quad</td>
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<tr>
<td>8.10 pm</td>
<td>VIP reception at the SBS lobby</td>
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<tr>
<td>8.30 pm</td>
<td>Departure of PM Lee</td>
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<td></td>
<td>Performances and mass celebrations</td>
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**About Project Fuzion**

Entirely conceptualized and choreographed by NTU students in celebration of the 50th anniversary, Project Fuzion fuses different performance arts like traditional lion and dragon dance with classical piano arrangements and modern jazz dance, resulting in a visually appealing show with an eclectic cultural mix. It involves 200 students as performers and another 300 as backstage and preparation crew.

**Clubs involved:**
Chinese Drums  
Chinese Orchestra  
Choir  
Dragon & Lion Dance  
Jazz and Blues  
Modern Jazz  
Piano ensemble  
String orchestra  
Traditional taekwando  
Wushu

**About the School of Biological Sciences**

NTU established the School of Biological Sciences (SBS) in July 2001 to provide Singapore with a ready pool of talent that has received high quality tertiary education and training in the life sciences.

Graduates from the B.Sc. (Honours) course as well as from the graduate research programmes are expected to fill the rapidly increasing demand for a talent pool of high-quality workforce and researchers for the life sciences industry, which has been earmarked by the Singapore government to be the 4th pillar of our national economy.
The curriculum at SBS focuses on the improvement of human healthcare as well as the understanding of biological processes of life and human diseases. The four-year course provides a strong foundation on modern biology while injecting relevant elements of chemistry, genetics, computational and structural biology and bioinformatics. It also offers specialised electives to cater to the different interests and career goals of the students.

In July this year, the school received the pioneer intake for its new double-degree undergraduate programme with the renowned Beijing University of Chinese Medicine (BUCM). SBS received an overwhelming 200 applications and doubled its intake to 60. The programme will see the conferment of two degrees – a Bachelor of Science (Honours) in Biomedical Sciences by NTU and a Bachelor of Medicine, (majoring in TCM) by BUCM. Students will first gain fundamental biosciences knowledge and be exposed to advances in life sciences in NTU. Such a biological sciences foundation provides for an evidence-based approach towards the learning of TCM whilst the courses offered by BUCM will provide the TCM clinical domain knowledge. A TCM clinic on campus is in the pipelines to give students the relevant clinical experience.

Outstanding students from SBS will be able to get a head-start in their PhD training from as early as the second year of their undergraduate studies. This Pre-Graduate Award (PGA) for B.Sc., PhD. Life Sciences programme is a collaboration between the Agency for Science, Technology and Research (A*STAR) and NTU. The PGA aims to provide NTU students with a strong and broad foundation in biological sciences leading to graduate studies and research in areas of life sciences. Selected students are able to begin their PhD training in their final year and may choose to complete their B.Sc. (Honours) course in just 3.5 years (instead of the usual four years). The B.Sc., Ph.D. programme, spanning a maximum of 6.5 years, will enable students to attain their Ph.Ds close to two years earlier. PGA recipients are able to pursue their PhD training with the A*STAR Graduate Scholarship or NTU Research Scholarship. This is the first time such a scheme is available.

About the Institute of Advanced Studies (南大高等研究所)

NTU announced the launch of the Institute of Advanced Studies (IAS) this July during the Convocation 2005. The Institute aims to promote science and technology at the highest level by bringing in Nobel Laureates.

IAS will be headed by Professor Phua Kok Khoo (潘国驹). The institute is modeled on a similar set-up at Princeton and aims to create an environment that promotes research and teaching.

Currently, 10 Nobel Laureates have agreed to be its advisors, three of whom will be visiting in 2006. They are:
- Professor Frank Wilczek, MIT;
- Professor C.N. Yang, Qinghua University; and
- Professor Steven Chu, Lawrence Berkeley National Laboratory.
A hallmark of this institute will be science at the highest level, an interdisciplinary study of mathematics, physics, chemistry, biology as fundamentals, with materials, electronics, nanotechnology, computing and engineering as applications.

Lee Foundation has come forward to endorse NTU in this new initiative by donating $10m to the NTU endowment fund, in support of the IAS. NTU will name the distinguished visitors to this Institute, Lee Kong Chian Distinguished Professors, and name the Main Lecture Theatre where the distinguished visitors deliver their lectures, the Lee Kong Chian Lecture Theatre.

About our alumni

Dr Ong Beng Soon (Science, 1970)

Senior Fellow, Research & Technology
Xerox Corporation
Manager, Advanced Materials & Printed Electronics
Xerox Research Centre of Canada

Adjunct Professor
Materials Science & Engineering, and
Electrical & Computer Engineering
McMaster University
Electrical & Computer Engineering
University of Waterloo

Dr Ong has elements of both researcher and teacher in him. He spends his days making rounds through Xerox Corporation's labs, helping the scientists on his team plan their strategies and directions in researching the development of printed organic transistors. A low-cost alternative to silicon transistors, these may one day be used in large-area flat panel displays for computer monitors, television screens, and an emerging technology known as electronic paper. Dr Ong's current focus is on developing air-stable polymers, which are key to the low-cost manufacture of organic electronics.

Before taking on the role as manager of the Printed Electronics Group in 2000, Dr Ong spent five years as manager of Xerox Emulsion Aggregation technology, a revolutionary new toner technology that enables superior color printing at low cost. He played a critical role in developing the EA technology concept and nurturing the program from its infancy to maturity. In his 24 years with Xerox, he has received excellence awards in management as well as science and technology, published more than 30 scientific papers, and been granted more than 100 US patents, ranking him among Xerox's most prolific inventors. His research has ranged from photoreceptors and specialty chemicals for toner and ink to security and novel display materials.

Dr Ong was named one of Top 50 Technology and Business Leaders by 'Scientific American'. The magazine's prestigious annual list cites Dr Ong for advances in plastic electronics.

Dr Ong completed his undergraduate education from the Science faculty in Nanyang University, Singapore in 1970. He holds a doctorate in organic chemistry from McGill University in Montreal and worked as a research fellow at Harvard University before joining Xerox.
Mr Tan Lip-Bu (Science, 1978)
Chairman and Founder, Walden International

Mr Tan Lip Bu is Chairman and Founder of Walden International (WI) and has been active in the venture capital industry for the past two decades. Additionally, he introduced and pioneered the U.S. venture capital concept in Asia and contributed towards the promotion of early-stage technology investing in the Asia-Pacific region. Prior to WI, he was Vice President at Chappell & Co. and held management positions at EDS Nuclear and ECHO Energy.

Mr Tan is a board member of Cadence Design (NYSE: CDN), Centillium Communications (NASDAQ:CTLM), Creative Technology (NASDAQ:CREAF), Flextronics (NASDAQ: FLEX), ISSI (NASDAQ: ISSI), Leadis Technology (NASDAQ: LDIS), Sina (NASDAQ: SINA), SMIC (NYSE:SMI / HKSE:981), the National Venture Capital Association (NVCA), a member of the Visiting Committee for the Department of Electrical Engineering and Computer Science at the Massachusetts Institute of Technology, and a member of the Committee of 100. He also served as a member of the Board of Trustees of the University of San Francisco for 9 years.

Mr Tan Lip-Bu holds a B.S. in Physics from Nanyang University in Singapore, an M.S. in Nuclear Engineering from Massachusetts Institute of Technology, and an M.B.A. from the University of San Francisco.

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