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Environmental issues are inescapable challenges in the 21st century. As members of this global village, there is no way we can avoid the common threats of global warming, the greenhouse effect and pollution.

In this issue, we are going to meet a few of the many alumni of the UST community engaged in the environmental profession. What they have been doing may not be obvious up front. But they are involved with the air we breathe, the weather reports we hear and the wildlife we see.
Many of us have air-purifying machines at home, but yours may be different from the innovative gadgets developed by Teresa Law and George Chan. These employ technologies such as an intelligent environment monitoring system and intelligent pollutant streaming treatment, which control the airflow rate and path, making sure the machines work at the right time and intensity. Obvious benefits include longer filter life spans and energy saving.

**Award Winning Gadgets**

Gadgets as good as these deserve recognition within their field and that came through a Technology Achievement Award in the Hong Kong Awards for Industries 2006. With seven patents acquired, Teresa and George's company secured numbers of contracts for exports to Germany, Switzerland and Austria.

Teresa is such a pragmatic scientist that she transforms her knowledge and expertise into intelligent devices improving health and quality of life. She is a committed entrepreneur who overcomes all the hurdles she faces with her mental strength.

**Entrepreneur’s Dream Comes True**

Together with George who is also a UST alumnus, Teresa set up Akos Advanced Technology Ltd. in 2002. At Akos, the world’s first indoor environment analyzer capable of carrying out instant data analysis, forecast problems and suggest solutions was developed. Without calling in professional services, hotel operators, school administrators and elderly home operators can monitor indoor...
air quality with the help of George and Teresa’s products. With support from the Innovation and Technology Commission’s Small Entrepreneur Research Assistance Programme, Teresa secured seed money to embark on her entrepreneurial venture. Now, with its R&D section based in the Hong Kong Science & Technology Parks, she envisages the business will grow further under a more favorable environment.

“Clean air is no longer free. It matters to our health. Nevertheless, we are susceptible to many harmful airborne substances such as pollutants, impurities, bacteria and viruses. It is undeniable that we are at risk as many newly-emerged diseases are life-threatening. Many years ago my summer job was to collect air samples in government offices. The samples were then sent back to laboratory for further analysis. Analysis and enhancement work was carried out subsequently by professionals. With our latest advances, air monitoring and purifying can be done instantly and domestically,” Teresa said.

In sharing her views on the development of green technology, she added, “We are builders of green intelligence. We believe imagination originates from the demand to improve the quality of life. Intelligence catalyzes the process of technology development. Innovation provides ingenious and practical solutions to meet society’s needs.”
The daily weather report releases from the Hong Kong Observatory have become part of our lives. David Lam, our PhD alumnus in Mechanical Engineering, is a Scientific Officer at the Hong Kong Observatory (HKO), working with his colleagues to provide weather news for us everyday.

**Why Mechanical Engineering to Meteorology**

David’s enthusiasm for meteorology started young, but because the right kind of programs was not available in Hong Kong at that time, he chose to pursue his studies in the US. After his return to Hong Kong, he joined HKUST as a meteorologist in the Center for Coastal and Atmospheric Research. With a research interest in fluid modeling, he studied for his PhD degree at UST at the same time.

“People always associate our work with the occurrence of typhoons and rainstorms. That’s right. Weather forecasting is a significant part of our duties. However, there are areas that we work on which may not be known to most people. For example, we monitor radioactivity in the air which might affect our health. We monitor earthquakes in our region. We provide meteorological training for less developed countries,” he said.
In-house Studio for Weather Report

“Our Scientific Officers appear on TV every day doing their weather reports. Can you imagine that for the 10 minutes before the broadcast, he or she is writing his or her own scripts, working on the presentation materials, doing make-up and communicating with the producers at TV stations remotely? The whole broadcast is done in a small studio in our Headquarters in Tsim Sha Tsiu,” David told us.

Take Part in Saving our Place

“Evidence shows that Hong Kong has warmed one degree in the last 100 years or more. Greenhouse-gas emissions are the most important causes, among other things. How is HK affected? Hotter weather, increasing cloudiness, more extreme rainfall, a rising sea level and so on. You may also have heard about the UV index, very hot weather warnings and so forth. With the change in the climate, the HKO has introduced a list of indicators in recent years to help the public be better prepared for their days.”

Despite the heavy use of paper in the generation of weather charts and reports, staff members at HKO try hard to cut paper usage by optimizing electronic systems and by recycling. It is also their daily practice to switch off office lighting during their lunch hour. They also organize activities like tree-planting days and eco-tours for the public within the HKO compound.

“Conservation and collaboration are the cornerstones on which to build this new world. We cannot do this alone. Governments and every citizen of this planet must be part of the solution, as surely as they are part of the problem,” he concluded.
Many of us spend our weekends enjoying hiking in countryside. Shek Chung Tong spends his workdays in these areas looking for friends we seldom meet. As the Conservation Officer (Biodiversity) for the Agriculture, Fisheries and Conservation Department (AFCD), Shek is dedicated to the research and conservation of mammals. To better understand their lives, Shek shoots photos of the tribal bosses of Rhesus Macaque (獼猴) in Kam Shan Country Park. He also provides homes for the Eurasian Otter (歐亞水獺) by affixing wooden boxes near their habitats. Sometimes he enters the dark realm of the caves to meet with the radar-like creatures.

Bat’s Friend
Shek is one of the few humans who takes care of the bat habitat in Hong Kong. Myths and legends from all over the world portray bats as blood-sucking demons, but Shek confirmed that all the 26 species of bats found in Hong Kong are not blood-feeding. In fact, bats are amongst the most beneficial animals in the ecosystem, as they play important roles in the overall ecology, e.g. pollen and seed dispersal by fruit bats.
In the past, the distribution and status of most bat species were poorly known in HK. Partnering with his colleagues, Shek undertook a long-term territory-wide monitoring program. He developed a field guide to the Terrestrial Mammals of Hong Kong. It was found that most bats in Hong Kong feed on insects, while some feed on fruits, nectar and fishes. A few years ago he discovered a new species of bat unique to Hong Kong which is currently awaiting international recognition.

**Say “Hi” to Bats at HKUST**
Most of the bat species aggregate in caves such as water tunnels and abandoned mines as their day roosts. But Shek told us the presence of bats in our own surroundings.

“I have seen bats dwelling in the Chinese Fan-palms in the Sai Kung Town Park and the Kowloon Park. There is one, a tiny species living in the bamboo which is the second smallest bats in the world. At UST, you may have realized that there are many objects flying at night near to our Hall IV. They are bats! Some may even take shelter under the air-cons of the hostels. Squid fishing near campus is a popular activity. Sometimes, the fish-fed bats will come to share your catch. In the Sai Kung district, there are many sea caves and derelict water tunnels with abundant bat aggregation,” he said.

**Your Care Counts**
“Global warming will pose a threat to wildlife. Taking bats as examples, warm weather would wreck bats’ winter slumber. The insomniac bats would use up their energy and face the peril of starvation,” he warned.

Shek called for our care and appreciation of nature. Hong Kong boasts a wide spectrum of habitats which in turn provide homes in which a rich biodiversity can blossom. It is important to conserve them by lessening any potential disturbance. Hikers and picnic goers should avoid touching wild animals for the sake of the safety of both human beings and the animals themselves.
Transfer Sadness into Power

The earthquake in Sichuan and the death of Roy To, our engineering alumnus, are hard to comprehend. The announcement of President Chu’s return to the United States in August 2009 was the last thing we want to hear. However, we should stay strong. Let’s transform suffering or sadness into power and strength. Support the earthquake victims as far as we can. Follow in Roy’s footsteps and contribute to the community. Enjoy the success planted by President Chu and help HKUST to reach further heights.

HKUST Hearts Reach out to Sichuan

On May 12, the earthquake struck Sichuan and shocked every part of the world. At 2:28pm, May 19, you might have joined the national mourning while you were at work or on commute. Students and staff at HKUST also paid tribute to the victims at the Atrium during the same three-minute period. Within a very short period of time, the HKUST community including alumni raised over 1 million for the Sichuan victims.

Farewell Roy

On May 5, Roy To Sze-chung, our 2005 Civil Engineering alumnus, died in a car crash in Inner Mongolia. He was on his way home after visiting children living in poverty. His death marks the loss of a staunch supporter and a warm-hearted friend. Roy contributed his time and his wealth to help others. He spent time visiting the elderly in Hong Kong, visiting children in poverty in areas such as Ethiopia and China. He was an achiever in his career as a financial planner, winning numerous awards and promotions. At his young age, he even had plans to form his own charity trust to help the needy. At HKUST, Roy was popular amongst his buddies at the Hall he lived in and the student society he belonged to. Even after graduation, he spent time with our students offering advice on matters relating to student society. Roy will be sorely missed by his many classmates and friends. In memory of Roy, the University has set up an annual award in the name of "Roy To Community Service Award" to recognize students who have made exceptional contribution to community service. Prof Roland Chin presented a gold medal posthumously to Roy in recognition of his service to the underprivileged in the world.
President Chu has decided to return to the United States after his contract expires in August 2009. We are grateful to have benefitted from his leadership over the past seven years during which time HKUST has become one of the best universities in the world. President Chu has contributed so much not only to the higher education sector but also to Hong Kong as a whole. A search committee to seek his successor will be chaired by our Council Chairman, Dr Marvin Cheung.

**HKUST Spirit Spreads to the Beijing Olympics**

Both President Chu and Chan Yik-hei (Year 1 Engineering student) were among the 120 runners on the Hong Kong leg of the Olympic torch relay held on May 2, 2008. To offer support to the Olympics and to the two HKUST torch-bearers, spirited students carrying national flags, gathered at the Atrium early that morning and departed for the relay route together.

**HKUST MBA Ranks #17 in the World in Financial Times Ranking**

HKUST Business School's full-time MBA program has been ranked by the Financial Times at number 17 in the world, the highest ever for any Hong Kong run program on the chart. Seven schools from the Asia-Pacific appeared in the Financial Times' top 100 MBA programs. HKUST Business School was the only representative from Hong Kong. The other schools included two from Mainland China, two from Australia, and one each from India and Singapore.
The University has a tradition of celebrating the 10th Graduation Anniversary of our alumni. This year it was the turn of the Class of 1998 to return to their Alma Mater and catch up with each other. The reunion, held on 31st May, 2008, attracted over 350 guests including alumni and their families. It was an overwhelming response, with all tickets sold before the early-bird registration.

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After enjoying a few drinks at the cocktail reception, all alumni and their families gathered at the Atrium to take a giant group picture. We showed our UST spirit by saying “1, 2, 3, UST” with the most beautiful smiles looking at the camera. At the start of the dinner, Prof Roland Chin, Deputy to the President, shared with us the campus development plan. Everyone was amazed with it and looked forward to visiting the campus again in the future.

During the dinner, we had games and lucky draws with loads of prizes for alumni to take home. A round of applause went to our emcees, Angelica Leung, BBA(MARK), and Ken Leung, BEng(COMP). Without them leading the whole event from the stage, we would not have such an enjoyable evening.

More pictures are available at http://www.ust.hk/cgi-bin/cgiwrap/~alumni/photo_gallery.pl
From time to time, different Schools and Departments organize activities to foster relationships between our alumni and HKUST. In addition to participating in activities, your participation in surveys, mentorship programs and internship referrals for students will help the University and our students shape a better future. With the education you have attained from HKUST together with your working experience, you can offer valuable comments to the University on subjects ranging from the course curriculum to student development programs.

Here we share with you just some of the recent programs. There are a lot more for you to participate in. The University community wishes to see you at the coming events. Your participation does count and your talent will definitely help!

School of Engineering
ECE Science Park Gathering

The Department of Electronic and Computer Engineering (ECE) Alumni Science Park Gathering was held on 25 April 2008 in the Happiness Cuisine Restaurant of the Hong Kong Science & Technology Parks in Shatin.

A delegation of some twenty ECE faculty members joined this special function to renew contact with their former students. Over 130 alumni across different professions and graduation classes took this invaluable chance to meet the professors and catch up with their good old friends.

School of Science
Outcome-Based Education Survey

To get ready for the transition to a four-year program, HKUST is making a big push to revise and restructure its curriculum. With a view to understand what kinds of abilities, knowledge and skills are crucial to the future success of our students, the School of Science embarked on an Outcome-Based Education Survey in March 2008.

Prof J S Li from the Department of Mathematics, Prof King Chow from the Department of Biology, Prof Robert Ko from the Department of Biochemistry and, Prof Lam-Lung Yeung from the Department of Chemistry are very thankful for alumni’s useful input. Their experience and comments will be instrumental in the enhancement of the quality of the programs.
Update Your Contact Information

If you have moved, changed jobs, or are not receiving University information, simply login to Alum-e-Nation (AeN) at http://www.alumni.ust.hk and update your information on-line. Alternatively, you could fill in the attached and fax it back to us at 2358 0537 or email it to alumni@ust.hk. If you think you can contribute to your Department, School or even the University in one way or another, you are welcome to express your intent by filling in the form below.

Surname ___________________________  Given Name ___________________________

Address ________________________________________________________________

Email Address __________________________________________________________

Telephone No. __________________________________________________________

Year of Graduation ______________________________________________________

Degree Obtained _________________________________________________________

Student No. _____________________________________________________________

Company Name __________________________________________________________

I would like to __________________________________________________________

__________________________________________________________

Haven't joined the SBM UG Graduate Club? Act Now by visiting http://www.bm.ust.hk/ug/graduate_club/.

School of Business Management
SBM UG Graduate Club
Since the launch of the SBM UG Graduate Club last summer, the School has held an array of enriching activities for SBM alumni on a regular basis.

Ms Louisa Wong 黃德如 was invited to share her life experience on "From News Anchor to Chinese Medical Practitioner" in May, 08.

In April, 08, Prof Jerome Yen from our Department of Finance gave a seminar on a hot topic, the Subprime Crisis.

Ms Judy Leissner, CEO of Grace Vineyard, spoke about "Changing from a multi-national corporation to a small family business" in March, 08.

For the convenience of alumni, the gatherings were mostly held downtown at HKUST Business Central and the HKUST CL3 Admiralty Learning Center. Alumni of all ages appreciated the networking opportunities with the eminent speakers and their fellows in a relaxing atmosphere.

"Although I passed through the doors of UST many years ago, I am grateful for what the School has been doing for us," a Marketing alumnus said.

In venturing forth to create a brighter future, the School looks forward to forging stronger bonds among our alumni. With the dawning of the new age of the four-year curriculum, the School seeks to provide greater opportunities for students to immerse themselves in the real business world. Alumni are welcome to engage in the aspirations of the University and invest in the future generations of alumni by furnishing further immersion opportunities that may be available in their working environment.
The first alumni baby program, “Alumni Baby Contest”, which was launched on January 25, resulted in over 300 photos from enthusiastic moms and dads arriving before Children’s Day on April 4.

Thanks to those who submitted their adorable baby pictures. Without your participation, the Alumni Baby Contest wouldn’t have been such a great success. It wasn’t an easy task for our judges to choose the alumni babies for the main and the sub-category awards. Congratulations to all the winners!

Funniest Face Award

My Mom
Tsang Chui Pik
Class of 1996
BBA (MARK)

My Dad
Lam Wo Tak
Class of 2001
MSc (ELEC)

Lam Nok Hei

We gratefully acknowledge the support of:
babydreamland.com

Our award winners have won a total of HK$3,000 cash prizes, while all participants have taken home gifts, courtesy of our sponsors.

Best Theme Award

Reading time - Grandfather and me
Wang Yuexin

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babydreamland.com

Our award winners have won a total of HK$3,000 cash prizes, while all participants have taken home gifts, courtesy of our sponsors.
Here come more adorable faces of the cutie pies!
Visit our photo gallery at http://www.ust.hk/alumni/about/babycontestphoto.html to view the full album.
The Chairman of the Convocation is a member of the HKUST Council – the supreme governing body of the University, which deals with all major decisions, including the appointment of the University President. The seat has always been there, but remained vacant for the past 17 years since the Convocation has not been set up yet.

HKUST Alumni Association is now taking action to encourage the setting up of the Convocation, and to elect her Chairman. By then, alumni will have constitutional participation in University’s governance matters if an alumni representative is being elected. Extensive consultation will commence soon. The sooner we can set up the Convocation, the sooner your voice will be represented.

www.ustaa.hk
HKUST Alumni Golf Club
香港科技大學校友高爾夫球會

HKUST Alumni Golf Club was founded at Kau Sai Chau Club House, Sai Kung on March 20, 2008. Its objective is to promote the game of golf for recreation, health, networking as well as the challenge of competition among both the internal members of HKUST community and external partners such as other golf societies. The Club is non-profit making and will endeavor to promote the spirit of giving via golf activities.

Regardless you are a professional, amateur or novice golfer, you are invited to join our club. Golf tournaments will be arranged on a monthly basis starting June. Please visit our website http://www.ustgolf.hk/ and stay tuned for our upcoming training offer and 'Swing for Charity' program.

Happy golfing,

Edwin Mok - MBA/MSc (IM) 2005
Vice President - Communication & Treasurer
HKUST Alumni Golf Club

Chemical Engineering Alumni

The tea gathering held on 25 May, 08 was the third biannual alumni gathering of Chemical Engineering alumni since 2007. We had 29 participants (20 alumni and 9 students) gathered at a cafe in Mongkok to share our experiences in study, career, family and many more aspects of their lives. You may wish to browse the pictures by visiting our Facebook Group.

Group Name: CENG alumni, HKUST,
http://www.facebook.com/group.php?gid=6414075717

For those CENG alumni who haven’t joined us yet, please do so now to connect with your fellows.

Benny Lam
Chairman of Chemical Engineering Alumni Activities Organizing Committee, HKUSTAA
**Volleyball Alumni Team**

Hi there! There is going to be a big event for all members of the Volleyball Alumni Team!

The "HKUST Tournament 2008" will be held on 13 July, 2008. An array of ball games and matches will take place in the Sports Hall on that day. Volleyball alumni teams (both men and women) are invited to participate in this great event. Benefiting from the annual "HKUST Tournament", our volleyball family will have a good time when we get together.

**HKUST Tournament 2008**

The alumni teams will beat!

- **Date:** 13 July, 2008 (Sunday)
- **Time:** Please visit http://ihome.ust.hk/~al_vbt
- **Venue:** HKUST S H Ho Sports Hall
- **Event:** Men’s and Women’s Volleyball Competitions
- **Parking:** al_vbt@ust.hk (Contact person: Polly Chan)
- **Registration:** All members of volleyball alumni teams are welcome. (Please send us e-mail if you want to receive our latest news.)

What’s more, we took part in the Hong Kong Volleyball League Competition in May. The matches were so exciting! Our team had three wins and one loss and we’ll try to win the final match!

Girls! Play hard!

CHAN, Wing-man Polly
President
HKUST Volleyball Alumni Team

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**MBA Alumni Association**

**HKUST MBAAA Dragon Boat Team @ Stanley International Dragon Boat Championships 2008**

Paddling together in a dragon boat is a team building experience unlike any other sports. HKUST MBAAA Dragon Boat Team once again participated in Stanley International Dragon Boat Championships. With a strong team of 25 devoted paddlers, the team won the 2nd runner-up from the first round of the race on June 8, 2008. Our hard work after rounds of weekend practices paid off when the team received the trophy we deserved.

http://www.mbaaa.ust.hk/sports/dragonboat08.html
Reconnect Your Old Buddies and Overseas Fellows through Facebook

Enthusiastic professors and alumni have built up their own networks through facebook. It is happy to see that many of them found their old buddies and start reuniting in the past few months. Whether you are staying abroad or missing your former classmates, you can try facebooking the friendly alumni via some of the popular platforms.

Local Alumni Groups
HKUST Chemical Engineering Alumni: http://www.facebook.com/group.php?gid=6414075717

Overseas Alumni Groups
HKUST Alumni in the UK: http://www.facebook.com/group.php?gid=6580542166

First Alumni Gathering in Europe

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Zurich Insurance Group (Hong Kong) ("Zurich") provides privileged offer of motor insurance to HKUST alumni. From July 1, 08 to Aug 31, 08, the first 100 alumni who successfully obtain a quotation of Zurich’s Motorplus Insurance Plan will receive a HK$50 supermarket coupon. To register, please visit https://www.alumni.ust.hk/benefits/carowners and call Zurich’s insurance hotline 2903-9450 for enquiry, quotation and enrollment. For details of the offers, please visit http://www.zurichcare.com.hk/hkust.

In addition, you will receive a limited edition of "Alumni Car Decal" reflecting your special status as HKUST Alumni.

Terms and Conditions:
1) Alumni members should provide all the requested information to Zurich for issuing the quotation of Motorplus Insurance Plan. Otherwise, the quotation request shall be deemed as incomplete and become invalid.
2) In case of any disputes, Zurich reserves the right of the final decision on the offer.
So, what’s new with you?

Just married? Just moved? New job? New baby? Started a new business? Your fellow alumni want to know. Send us a Class Note to share your news. Simply fill out the online form at www.ust.hk/alumni/classnotes or email your news to us at alumni@ust.hk.

1994
Amy Wong, BSc(APHYS)-MP

Love brings us together! God Bless!! We got married on 6 Jan, 2008! Lesley Chan, 97’ BBA (FINA) & Alan Wong, 01’ BSc (PHYS).

1997
Lesley Chan, BBA (FINA)

1998
Rogers Chan, BBA (ISMT)-IS

I am Rogers Chan, graduate of 1998 BBA ISMT, and my wife is Eva Tse, graduate of 1998 Maths. We had our wedding on Sunday, 6 Jan, 2008.

1999
Lung Ying, BEng (ELEC)

Greetings from Brian and Maggie! We are both from Class of 02, BEng (EEIC). Our wedding date was on 16 Dec, 2007.

2000
Harry Wong, BBA (IS)

2002
Jeffrey Leung, BEng (MEBS)

I spent my summer with a small Romanian children’s charity. Beyond gaining day-to-day working experience in public relations, I met some great people from AIESEC Bucharest. Romania is a very beautiful country. I spent a lot of great time travelling. If you have a chance to go there, I highly recommend it! But beware of the heat. Summer on the street was 56 degree celsius!

2004
Brian Lee, MPhil (ELEC)

2005
Yeung Kun Woon, MSc (IT)

My marriage was on 29 Sep, 2007.

2007
Allan Leung, BSc (BICH)

I spent my summer with a small Romanian children’s charity. Beyond gaining day-to-day working experience in public relations, I met some great people from AIESEC Bucharest. Romania is a very beautiful country. I spent a lot of great time travelling. If you have a chance to go there, I highly recommend it! But beware of the heat. Summer on the street was 56 degree celsius!