

NTU Update

THE QUARTERLY NEWSLETTER OF NHA TRANG UNIVERSITY - SEPTEMBER 2012

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Ribbon-Cutting Ceremony for the Stone Stele to Commemorate Norwegian Government's Support

June 16th: On the occasion of the visit by the Norwegian ambassador extraordinary and plenipotentiary to Vietnam, H.E Mr. Stale Torstein Risa, Nha Trang University (NTU) held the ribbon-cutting ceremony for the stone stele in recognition and appreciation of the Norwegian government's and partners' support to NTU's development.

Over the sixteen years of cooperation (1996-2012), through three projects: NUFU, SRV 2701, NOMA – FAME, the Norwegian government together with the University of Tromso, Norwegian University of Science and Technology and The University of Bergen have supported NTU's development in six main areas: developing human resources (training 17 Ph.D.s, 50 Masters, and offering short-term staff training for 2500 participations); enhancing master's degree programs in economics, business administration, environmental management and biotechnology; improving research ability; upgrading facilities; renovating administration and management; and improving international integration capability. NTU has made great achievements thanks to the assistance from our Norwegian partners. The university has grown in both capability and quality through this long-standing partnership.

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INTERNATIONAL COLLABORATION

Visit of the Delegation of the University of Michigan State, USA



24th: NTU officers met the delegation of Michigan State University to discuss collaboration between the two universities.

The leaders of the two insti-

tutions came to an agreement on collaborative activities such as student exchange and scientific research with respect to issues in which both sides are interested (climate change and renewable energy, etc). The delegation also participated

in a panel discussion with NTU students and visited the university's facilities.

Signing Collaboration Agreement with Far Eastern Federal University, Russia

June 4th: a collaboration agreement was signed after a four-day discussion between Nha Trang University and Far Eastern Federal University, Russian Federation.

Under the agreement, collaboration will take place in four major fields: developing curriculum and recruiting



students for the joint training program in Biotechnology; establishing scientific staff selected from the two universities to conduct research on black mushrooms and bio-products from chitin; jointly organizing a workshop on "Challenges and Prospects of Biotechnology in

> the Third Millennium"; and opening a new branch of School of Biomedicine of Far Eastern Federal University at NTU.

Economics Faculty: Signing Collaboration Agreement with James Cook University, Australia



July 23rd: A meeting to discuss the areas of cooperation between NTU with James Cook University, Australia was

Major collaborations will be: the exchange of lecturers, researchers, technicians, administrators and students; development of joint research projects; co-organization of

scientific and cultural events; development of curricula; sharing of materials and publications; sharing of courses and dual degree programs.

Visit of the delegation of Champasak University, Laos

June 29th: NTU officers met the delegation of Champasak University to discuss collaboration between the two universities.

At the meeting, it was agreed that NTU continues to help Champasak University train students at both un-

dergraduate and graduate levels, develop curricula for new programs, conduct research and transfer technology.



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NTU STUDENTS - IN & OUT

Graduation Ceremony for the International Master's Degree Program NOMA - FAME



June 14th: NTU held a graduation ceremony and awarded Master's degrees to 17 international graduate students of the 4th cohort NOMA - FAME program (2010-2012).

NOMA - FAME is a joint Master's degree pro-

gram between NTU and the University of Tromso (Norway) to provide master's level training in Economic Management and Aquaculture. Courses were taught by professors of the University of Tromso, NTU and other universities in Southeast Asia. Even though the majority of students of the program were from Vietnam, there were considerable numbers from Sri Lanka, Bangladesh, China, Laos, Ghana, Ecuador, Liberia, etc.



University Entrance Exams for the AY 2012- 2013

The entrance exams to Nha Trang University ran smoothly, thanks to a well-prepared plan. Every single task from welcoming the candidates and their relatives, ensuring security and providing health care to proctoring was thoroughly detailed and implemented strictly, scientifically and seriously by NTU. As a result, the two phases of exams took place in an orderly, safe and with a non-occurrence of violating regulations of enrollment of both proctors and candidates.

With 12,130 candidates sitting the two-phase exams, NTU has witnessed a surprisingly high rate of registration (89.54%) compared to those of recent years (fluctuating between 75% and 80%). This is a hopeful sign for NTU's enrollment in AY 2012-2013. Contributing to the success of the exams were the efforts of the central and local media as well as the supportive attitudes from candidates and their parents.



2012 Graduation Ceremonies



From 20th – 28th August 2012, NTU held graduation ceremonies for 1301 students from regular undergraduate programs and 399 students from advanced associate programs. Among these, 36 graduated with distinction (2.1%).

Representatives of the Rector Board, leadership of departments and faculties participated in the events to congratulate graduated students on their achievements and express appreciation to students and parents for their trust in NTU. NTU is proud to be chosen as the place to grow knowledge and talent and realize dreams.

At the ceremony, representatives of new bachelors also presented gratitude speeches and promised to make success of their future careers in order to contribute to the legacy of NTU.

"We have followed every step you take, have observed and have been very happy with your success. We are willing to welcome you back to continue graduate studies and develop collaborations with the university in every aspect."

Vice Rector Phan Thanh Liem.







WORKSHOPS - CONFERENCES







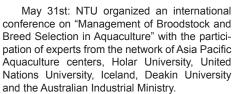
International Conference on Materials Science and Technology

April 7th: NTU organized the first "International Conference on Materials Science and Technology" with the participation of more than 100 representatives from the Technical University of Liberec (Czech Republic), the Nagaoka University (Japan) and domestic research institutes.

The conference discussed clarification of the current situation, achievements in research, applications of Materials Science and Technology in Vietnam and the world. The conference also discussed NTU's current research orientation, ongoing projects and projects carried out by Technical University of Liberec and Nagaoka University and NTU's participation potential.

"Management of Broodstock and Breed Selection in Aquaculture" International Conference





The conference discussed knowledge and necessary managerial skills for farmers to actively select, manage broodstock to produce high quality breeds, minimize negative impacts on the environment and aquatic resources, and foster sustainable aquaculture development.









Vietnam - Taiwan International Conference on Seed Breeding Technology and Mariculture



May 25th and 26th: NTU and National Taiwan Ocean University (NTOU) co-organized the "Vietnam-Taiwan International Conference on Seed Breeding Technology and Mariculture" with the participation of more than 150 researchers, scientists, directors and CEOs from both Vietnamese and Taiwanese enterprises.

At the conference, 11 reports were presented on two major topics: production of marine fish (grouper, snapper, yellow fin silver, yellow fin pomfret, black tiger

shrimp, white shrimp) and the development and production of breed and quality food from Haliotis abalone, the breeding of commercial products and the technological transfer (breeding lobsters in cemented tanks with industrial food, and developing microbial consortiums for aquaculture...)





"Towards Sustainable Development in Fisheries and Aquaculture" International Conference

June 14th: An international Conference "Towards Sustainable Development in Fisheries and Aquaculture" took place with the participation of professors from the University of Tromso - Norway, the Auburn University, the University of Connecticut - United States and researchers from Bangladesh, Sri Lanka, and Vietnam.

7 reports were presented, focusing on 4 themes: threats for sustainable development in harvesting and breeding aquaculture; current conditions, orientations and fisheries developmental policies of Vietnam; sustainability in harvesting, breeding aquaculture in the world and experiences for Vietnam; and training and employment of specialized human resources in exploiting aquaculture.





RESEARCH & CREATIVE ACTIVITIES



Studying the Activity of Antibiotics and Anticancer from Marine Microorganisms

After one and a half years of tremendous effort spent on the analysis, selection and classification of biologically active compounds with antibiotic and anti-cancer potentials from over 400 samples of mud, humus, earth, sand, and sea water, M.Sc. Le Phuong Chung, Manager of the project "Extraction of compounds with biological activity from marine microorganisms" found 17 strains of microorganisms capable of generating antibiotically active compounds, including two strains of microorganisms capable of generating Anthracycline compounds which can resist cancer cells.





To apply this research achievement in the field of fisheries, M.Sc. Chung and Dr. Nguyen Van Duy are deploying the next project "Selection of Microorganisms Capable of Yielding Bacteriocin Compounds". Bacteriocin is a compound capable of inhibiting the growth of pathogenic microorganisms on fisheries.

Design and Manufacture of Diving Robots for Sea-caged Shrimp Farming Industry

After 2 years of study, the scientists of the Faculty of Mechanical Engineering have successfully produced a robot capable of multi-functions such as self-adjusting and maintaining diving depth, measuring the pH and oxygen concentration in water, carrying a camera and a waste suction hose, which helps farmers to observe and clean cages.

With 2 horizontally mounted DC motors and 3 vertically mounted DC motors to rotate the propellers and PID algorithm to control the motor speed and diving depth, the robot has kinetic properties, good dynamics and the ability to move to any position to perform tasks.

Successful manufacture of diving robots for marine shrimp farming industry will help increase production and ensure safety for farmers.



Experimental Project B2010-13-01DA: Completing the Technological Manufacturing Process of a Catamaran with Composite Hull for Marine Tourism

After two years of research (2010 - 2012), the scientists of the Institute for Ship Manufacturing and Research led by MSc. Dinh Duc Tien have completed the experimental production project "Improving Technological Manufacturing Process of a Catamaran with Compos-



ite Hull for Marine Tourism" with outstanding results: completed technical design documents and manufacture process (which meets all technical and safety requirements of the Vietnam Register). The research group is now starting the process of transferring construction technology to the production units.

The success of the project renders great socio-economic benefits: contributing to the diversification of waterway prod-

ucts and services, increasing tourists' attraction by the unique beauty of the ship, and saving production costs by replacing the imported products of the same type. The project also makes way for the creation of high-speed passenger ships for transportation between the mainland and offshore islands ...



GETTING PRACTICAL

Collaborations with Domestic Businesses

To develop partnerships with businesses, the Faculty of Food Science and Technology sent 2 delegations to visit, survey and look for opportunities to collaborate with 20 businesses of seafood processing in Ba Ria – Vung Tau and some provinces in southwestern region from April to June 2012.

The visits helped the Faculty to understand the employment requirements of seafood processing businesses as well as to obtain useful feedback from alumni in order to make training programs more practical. In addition, these visits also helped strengthen the relationship between the Faculty and businesses and provided useful feedback for teachers to update their lessons. The meeting with Hoa Thang Ltd. in Ba Ria – Vung Tau province resulted in a signed agreement in which the Faculty will support technical staff, exchange Surimi manufacturing technology and model products; and the Company itself will supply finance to carry out these activities and accept interns and graduates from NTU.









HVS Recruits Students from the 50th Class



Under the agreement for training and employment between Hyundai Vinashin Ship-yard (HVS) and NTU, HVS has now accepted graduates from Shipbuilding, Environment, Business Administration, Finance and Accounting, and Foreign Languages programs at NTU.

Interviewers and leaders of HVS thought highly of the qualifications, foreign languages abilities and communication skills of NTU students who were recruited this time. Positive comments were also made about previously employed NTU alumni who were said to be dynamic, enthusiastic, professional, and capable of management. Their daring to think, to do and to take responsibilities along with their good qualifications helped them gain the trust of and to hold important positions in the company.





Training High-ranked Register Officers of Fishing Vessels

From July 26th to July 31st, 2012, the Department of Exploitation and Protection of Aquatic Resources - Ministry of Agriculture and Rural Development cooperated with the Faculty of Transportation Engineering to organize training a course for high-ranked register officers of fishing vessels. Through the course, students learned the theory and methods of reviewing engineering design of fishing vessels made from different materials and technically supervising the construction process.

Nha Trang University is the first institution in Vietnam to be entrusted with the coordination of this course.



EXTRA - CURRICULAR ACTIVITIES

NTU Students' Response to World Environment Day 2012







June 3rd: In response to the World Environment Day (June 5th), more than 5,000 youth union members from NTU took part in cleaning, collecting trash on campus and Nha Trang beach and planting mangroves at Bay Lagoon.

These practical activities not only contributed to a cleaner environment, but also raised NTU youth's awareness that a clean environment benefits their own health as well as their community's.

2012 Volunteer Programs

It has been a tradition that NTU's Youth Union organizes volunteer activities which attract hundreds of students each summer. One volunteer program this year was supporting candidates of the university entrance examination. Volunteers provided guides, advice and useful information for accommodation, transportation, and procedures for candidates and their families during exam time at NTU.

A Green Summer Program at Ninh Tay Commune, Ninh Hoa Town, Khanh Hoa this year attracted 55 participants. The volunteers organized many useful activities in 11 days (from 20 to 30 of July) for the community: remodeling and cleaning two classrooms at the Song Bung School; propagandizing about environment, food hygiene and safety; holding discussions, performances, sports activities with local youth union members, and local residents; visiting and donating more than 400 presents to students, locals and families who have contributed to the country's revolution ...

The practical volunteer activities of NTU students are much appreciated by the locals. They help enhance the image of the university, and at the same time educate students of their responsibility to the community.



Students Song and Dance

- Dancesync 2012

September 29th: the Student Association in collaboration with NTU Youth Union, NEO Trade and Advertising Services Ltd., and SYM will organize the semi-final song & dance competition - Dancesync 2012.

Candidates are students from universities, junior colleges and technical schools in Khanh Hoa Province. Winners of the contest will receive awards of 15 million for first place, 10 million for second place, and 5 million for third place. Finalists will participate in the national final round.



PROFESSIONAL DEVELOPMENT

2012 Recruitment of Faculty and Staff



Rector Vu Van Xung (middle) & Vice Rector Phan Thanh Liem present employment contracts to new faculties

June 1st: NTU held a ceremony to announce the recruitment of 24 new employees for 2012, including 19 faculty positions (with doctoral and master's degrees), and 5 staff members

Speaking at the ceremony, Dr. Vu Van Xung, NTU's Rector, congratulated the newly recruited and entrusted them with their new duties. The Rector expressed the hope that they will do their best to contribute to the university.

Dr. Tran Thi Hoang Quyen, on behalf of the new members, expressed her gratitude to the university's board of leaders, faculties and departments for their support and promised to make every effort to accomplish the entrusted duties as well as make self-improvement to contribute to the growth of the university.

Pedagogical Training Course for Young Faculties





To enhance teaching quality, NTU organized a pedagogical training course for 100 young faculties and apprentices to provide them with basic pedagogical knowledge and skills from July 16th to August 10th 2012.

Participants went through 9 special themes: higher education in the world and in Vietnam; theories and methods of higher education; assessment in higher education; psychology of higher education.

tion; program development and training processes, applications of technical equipment and technology in higher education, teachers' ethics, teachers' rights and duties; workplace culture, communication skills; and research skills.

Formation of the Research and Technology Transfer Department



With a considerable scientific force (nearly 100 doctors, 15 professors and associate professors), NTU has successfully conducted many practical scientific studies with high economic values in recent years. Included are the technological manufacturing process of surimi, chitin and chitosan; seed production of

yellow fin butterbirds and orange-spotted spinefoot (*Siganus gutattus*); industrial food processing technology for spiny lobster (*Panulirus ornatus*) and the blue lobster (*Panulirus Homarus*); diving robot fabrication process to serve in shrimp farming in cages...

To further develop, commercialize and generate greater benefits from research, the Department for Development and Technology Transfer was established on May 2nd, 2012. The Department has started partnerships with some aquatic enterprises in Khanh Hoa and Southwestern provinces to apply research achievements to production.



Associate Professor Pham Hung Thang - Director of the Research & Technology Transfer Department

PRIZES, HONOURS & SCHOLARSHIPS

Awards for 36 Outstanding Graduates

25,200,000VND and certificates of merit have been awarded to 36 outstanding newly graduated bachelors and engineers to encourage and recognize their excellent academic results at NTU.

Speaking at the ceremony, Associate Professor, Dr.Trang Si Trung, Vice Rector of NTU congratulated the students for their outstanding achievements and wished them success in their future jobs. The Vice Rector encouraged the excellent graduates to continue building up their knowledge and experience and to contribute their talents to the development and prosperity of the country. Representatives of the students spoke to express their deep gratitude to the teachers and promised to work hard to continue the proud tradition of the university.









NTU leaders present awards to outstanding students with excellent academic results

Collaboration with Ulsan University



Professors from Ulsan University are interviewing NTU students

Under NTU-UU agreement, Ulsan University annually accepts around 10 students from NTU's Ship Building major to continue their 6th and 7th semesters (junior-senior year) at Ulsan University. After completing the one-year training program and receiving a certificate from Ulsan University, students return to NTU to complete their graduation thesis and other requirements for graduation

In AY 2011 - 2012, six students were sent to Ulsan University. Another group of 10 students had completed the training program and received certificates from Ulsan University in the previous year.

At present, the two universities are promoting student and lecturer exchange programs. NTU will soon receive Ulsan University's students and lecturers to participate in different academic and extra-curricular activities at the Ship Building program at NTU.



50th class at Ulsan University

Odon Vallet Scholarships for 5 NTU Students



Professor Odon Vallet (Internet)

Odon Vallet (Ph.D., Professor of religious history at Sorbonne University), current representative of the Vallet family, has made a donation to the scholarship fund of the Meeting Vietnam Organization. Moved and inspired by Professor Odon Vallet's generosity, Professor Tran Thanh Van named the scholarships after him. Annually, Professor Odon Vallet and Mr. and Mrs. Tran Thanh Van fly in from Paris to present the scholarships to talented students.

In 2012, 5 NTU students were honored to receive the Vallet scholarships for excellent academic results.





Bio - technology lab

Electrical technology lab

NTU Laboratory Center

The Laboratory Center was established in May 2011. It was set up to efficiently utilize and systematically manage existing laboratory equipment for training and research activities. The formation of the Center is a significant knot in the management reform plan of the university.

Over 1,000 types of equipment for experiments and scientific research from different faculties and institutes were relocated in 30 laboratories, making it accessible to students, faculties and research-



kinds of equipment, up-to-date facilities, and a professional managerial staff, the Center has become an ideal place for conducting experiments, research, and other scientific activities.

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Successful Partnership with the Global Leadership Center at Ohio University, USA

Steam boiler lab

NTU's on-going, successful partnership with the Global Leadership Center at Ohio University, USA, has been "hand-selected" [US Embassy's words] to be one of 10 programs to be featured on a webpage developed to allow American and Vietnamese universities and programs to connect and form partnerships.

This webpage is a project that the U.S. Department of State (U.S. Embassy in Hanoi) has been working with the Vietnam Education Foundation (VEF) and Vietnam's Ministry of Education and Training (MOET) to further advance joint academic ventures that support and grow the U.S.-Vietnam relationship.



Students from Ohio University visited NhaTrang University

Upcoming Events					
M/D/2012	Contents	Venue	Organizer(s)		
October 2 nd	AY 2012-2013 Opening Ceremony	Main ground - NTU	Department of Academic Affairs Department of Student Affairs		
October 2 nd	NTU's 53 rd Anniversary	Meeting Hall No.3 - NTU	Department of Personnel and Administration		

Contact us

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