



# NTU Update

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## Potential Joint Programs with Hanseo University, South Korea

April: An NTU delegation paid a visit to Hanseo University between the 4<sup>th</sup> and 8<sup>th</sup> of April 2013. The two sides discussed and agreed to sign a Memorandum of Understanding to be effective for five years with various collaborative activities such as student and faculty exchange, the possibility of developing joint training programs: 2+2 model for undergraduate and 2+3 model for masters. Hanseo University is committed to supporting NTU in designing water sport facilities such as ships, motorboats and other recreational equipment.



NTU's Rector Dr. Vu Van Xung and Hanseo University's Rector Dr. Kee Sun Ham

## Collaborative discussions with Argentina, Memorial University (Canada) and The United Nations University – Fisheries Training Program (Iceland)

April 22<sup>nd</sup>: Argentinean Ambassador in Vietnam, Alberto Kaminker, and, Mr. Juan Guzik, Secretary in charge of foreign affairs of the Republic of Argentina Embassy in Vietnam visited NTU and met with NTU leaders and representatives of the Institute for Marine Science and Fishing Technology. The Embassy wishes to build up cooperative relations between the Republic of Argentina and NTU in regards to freshwater aquaculture. Vice-Rector Trang Si Trung emphasized the capacity of NTU in implementing the cooperative programs proposed by the Embassy. NTU later sent a science profile in aquaculture, covering the strengths of the university to the Embassy. Hopefully a cooperation plan will soon be realized.

May 13<sup>th</sup>: Dr. Paul Winger, Director of the Centre for Sustainable Aquatic Resources, Memorial University (Canada) visited and discussed with NTU scientists. The participants discussed and agreed upon several cooperative activities such as promoting research projects, technology transfer in fishing technology and navigation, and, exchanges between students and staff. After the meeting, Dr. Winger held detailed discussions with the relative units in charge in order to specify plans for future cooperation.

May 30<sup>th</sup>: Dr. Trang Si Trung, Vice-Rector, NTU and Dr. Tumi Tomasson, Director of the Fisheries Training Program, United Nations University (Iceland) signed a Memorandum of Understanding between the two institutions. The MoU will be effective for five years (2013-2018) and will comprise exchanging staff, organizing short-term training courses, training master's candidates, and PhD programs. The Program has been offering two scholarships annually (for duration of 6 months) for training in Iceland for NTU faculty since 2001.

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# EXTERNAL COLLABORATION

## National Taiwan Ocean University (NTOU) and NTU to Realize More Cooperation Activities

May 28<sup>th</sup> - 29<sup>th</sup>: An NTOU delegation headed by the new President, Dr. Ching-Fong Chang, visited and worked with NTU leaders. NTOU and NTU started a partnership in 2006 with fruitful results in training, research, student and faculty exchange. The two universities committed to maintaining and promoting this relationship in the years to come, starting with several faculties of NTU coming to NTOU for graduate studies by the end of this year, NTOU faculties to teach some courses in the international aquaculture master's program, and holding a workshop on different aquaculture themes in early 2014.

In addition, the NTOU delegation held a scholarship information session and shared experiences in scholarship applications for studying in Taiwan for NTU's staff and students.



NTOU and NTU leaders at Nha Trang University

## Dukakis: "I teach my students with the Socratic method"

April 4<sup>th</sup>: Michael Stanley Dukakis - former Governor of Massachusetts, the U.S., now serving as a professor of political science at Northwestern University, and his wife, Kitty Dukakis, visited NTU and talked to NTU staff. They shared their thinking and discussed some problems of the world today such as; peace trends, the progression of humanity, the American education system, prospects in Vietnamese - American relations, recent political issues of the world and their experiences in health and spirit. Dukakis also shared his teaching philosophy upon which he said: "I teach my students with the Socratic method,"



Mr. and Mrs. Dukakis

always encourage your students to question things and debate different viewpoints.



Faculty and Staff at Dukakis's talk



## Extending MOU with Burapha University, Thailand

May: An NTU delegation visited Burapha University, Thailand from the 3<sup>rd</sup> to 7<sup>th</sup> of May 2013. The two universities discussed and agreed to extend the existing memorandum of understanding for another five-year period (from 2013 to 2018) and to further strengthen cooperation in the field of marine aquaculture in general and ornamental species aquaculture in particular. At the same time, the delegation visited the Southeast Asian Fisheries Development Center (SEAFDEC) and signed a Memorandum of Understanding for training and research.



# EVENTS

## 5<sup>th</sup> Vietnam Education Foundation Alumni Conference

June 15<sup>th</sup> - 16<sup>th</sup>: "Giving Back to Vietnam" was the theme of the 5<sup>th</sup> Vietnam Education Foundation Conference (VEF) for Vietnamese VEF alumni and scholars. NTU was the host university for the Conference this year in Nha Trang. At the conference, Dr. Lynne McNamara, VEF Executive Director, said that within 10 years, VEF has assisted 467 Vietnamese students to study in 92 leading universities in the US and 26 funding grant for 21 US professors to

teach at 19 universities in Vietnam.

VEF alumni and scholars had also shared their US learning experiences with NTU students and participated in volunteer activities for the local community.



*Dr. Lynne McNamara and Ms. Sandy Hoa Dang present appreciation certificates to Dr. Le Thanh Binh (Vice Director of International Cooperation Department - Ministry of Science and Technology) and Dr. Trang Si Trung (Vice Rector of NTU)*



*NTU present souvenirs to VEF staff*

## Student Exchange with the Global Leadership Center - Ohio University

May 6<sup>th</sup> - 16<sup>th</sup>: The Faculty of Economics has carried out the International Collaborative Consulting Project with the Global Leadership Center (GLC) - Ohio University since 2009. This year the project attracted the participation of 24 students and 9 faculty members from Ohio University. NTU also had 24 students and 6 faculty members from the Economics Faculty taking part in the program.

Instructors and students from both universities have highly valued the program as it brings them a unique experience of meeting and working with friends, students and teachers from different cultures, educational, and political systems. Students have actively and creatively performed research projects for NTU and local businesses in Vietnam.



# RESEARCH & CREATIVE ACTIVITIES

## Project:

### “Research on Microencapsulation of Gac (*Momordica Cochinchinensis*) Oil for Food Uses”

- Msc. Tran Hai Dang

The purpose of this research project is to study gac oil emulsion and encapsulation capacity of some chosen biopolymers.

Results show that emulsions are stable (30 min to 24h) with a drop-let size between 50 - 70  $\mu\text{m}$ . Spray-drying and conservation processing methods were used. A novelty for the research project was to discover an encapsulation method without using a cross-linking agent.

From the results, the author will study increasing emulsion stability, scaling-up the encapsulation processes to 1 - 5 L/ batch, studying other core materials such as ginger oil, garlic oil, curcumin, linseed oil peach aroma , and explore the ability of using naturally produced material as the shell of the capsule (yeast, pollen ...)

TEM of formed encapsulation by spray-drying



Gac oil and gac oil encapsulation



Earthen ponds for Artemia biomass culture



Algae biomass to feed Artemia



Artemia biomass harvest

## Project:

### “Research on Enhancing Productivity and Quality of Artemia biomass Cultured in the Earthen Ponds in Khanh Hoa Province”

- Dr. Nguyen Tan Sy

The purpose of this research project is to find solutions for enhancing the productivity and quality of *Artemia* biomass cultured in earthen ponds.

Through research, the author has isolated 2 species of microalgae (*Chaetoceros* sp. and *Chlorella* sp.) from *Artemia* pond systems, stored 3 species of microalgae in liquid and semi liquid including: *Chaetoceros* sp., *Chlorella* sp. and *Nannochloropsis* sp., identified the minimum density of *Chaetoceros* sp. for culturing *Artemia* in tanks at a density of 100 nauplii/l is 40,000 cell/ml. In addition, the author discovered that live *Artemia* biomass can be substituted for INVE food in rearing Snubnose Pompano during the period from 30 - 60 days old.

Currently, there is a very large demand for fresh *Artemia* biomass. Results of the research motivates the author to conduct further research to scale the culture of fresh *Artemia* biomass to provide live food sources for aquatic seed production in the South Central region of Vietnam.

# STUDENT ACTIVITIES



## NTU Youth Union Members Participated in Activities for the Spratly Islands

April 26<sup>th</sup>: NTU Youth Union members attended the "Festival for the Spratly Islands" held by Khanh Hoa Youth Union in collaboration with the Navy Command Region 4. NTU Youth Union presented souvenirs, books and newspapers to people and soldiers on Spratly Islands. This meaningful activity shows responsibility and appreciation of NTU youth for Spratly Islands - the sacred islands of Vietnam.



## NTU's Got Talent Contest -2013-



May 5<sup>th</sup>: NTU Student Association organized the final round of the "NTU's Got Talent Contest 2013" with the participation of 14 special performances out of 90 in the preliminary rounds. The organizers awarded the first, second, third and most impressive awards for the excellent contestants.

The contest is a great opportunity for students to show their talents, to interact and to gain exciting experiences.



## NTU Youth Union's Blood Drive

June 2<sup>nd</sup> - 3<sup>rd</sup>: "A drop of blood is given away, a life will be saved" was the message of the Blood Drive held by NTU Youth Union. More than 1,200 students and staff (among those many persons donating their blood for the 4<sup>th</sup> or 5<sup>th</sup> time) donated 801 units of blood to add to the national blood storage to help patients in need.



Voluntary blood donation is a humanitarian activity representing patriotism, sharing and responsibility of NTU students and staff to the community.



## "Colors of Students" A Night to Celebrate the Sea Festival 2013

June 10<sup>th</sup>: Khanh Hoa Student Association organized the "Colors of students" Night to celebrate the Sea Festival 2013, with the participation of more than 5,000 students from 7 universities and colleges in Nha Trang City.

The students showed their youth and talent through the fashion show named "Today TV's fashion" and flashmob dance. NTU's student team won the second prize in the flashmob dance and the third prize in "Today's TV fashion show".



# GETTING PRACTICAL

## Inauguration of NTU Tourism Practice Center



May 19<sup>th</sup>: NTU, in collaboration with Me Trang Coffee Joint Stock Company, inaugurated the “NTU Tourism Practice Center”. The Center was built with open architecture in an area of over 1,000 m<sup>2</sup> located in the corner of the hillside between Pham Van Dong Street and Ton That Tung Street.

With the establishment of the Centre, students of the Faculty of Economics and the Faculty of Accounting, particularly those of Business Administration Tourism major, will have an ideal place to practice professional skills to prepare for their future work in tourism industry.



## The Faculty of Accounting and Finance: Exchange Between Students and Businesses

May 17<sup>th</sup>: The Faculty of Accounting and Finance held a seminar “Exchange between students and businesses” with the participation of nearly 1,000 students and successful entrepreneurs who are alumni of NTU.

During the exchange, students asked and received answers to many questions relating to their fields of study, internships, job opportunities, and skills needed for job interviews. They also had the opportunity to participate in mock interviews with entrepreneurs to accumulate experience for future interviews. On this occasion, Da Nang Petroleum Services Company and Light Company awarded 18 scholarships to poor students who have achieved good academic results.



## NEWS IN BRIEF

### The 1<sup>st</sup> Regional Training Course on Broodstock Management in Aquaculture

May 27<sup>th</sup> - 31<sup>st</sup>: NTU organized the 1<sup>st</sup> Regional Training Course on Broodstock Management in Aquaculture with the participation of 32 experts in the field of broodstock from 13 different countries and islands belonging to territories in the Eastern Pacific Ocean. Experts from the Network of Aquaculture Centers in Asia-Pacific (NACA) were in charge of giving lectures in the training course.

The training course aimed at equipping participants with basic knowledge of building broodstock management capacity, improving seed quality and helping develop aquaculture sustainability in Asia - Pacific.



### Fashion Contest at NTU



May 18<sup>th</sup>: NTU Staff Union held a Fashion Contest for the staff. The contest aimed at promoting a professional and elegant style of dressing suitable for a pedagogic environment. Each team with creative ideas and expressions brought to the audience exciting performances. The contest had drawn participation from all staff union units. It was a successful event and created a good impression on all staff and students.

The first prize was taken by a team of joint staff unions of managerial departments and the Library.



### Dialogue Between NTU Leaders and Students AY 2012 - 2013

April 1<sup>st</sup>: NTU Youth Union and Student Association held a meeting for dialogue between leaders and students. At the meeting, school leaders and managerial units addressed different inquiries from students regarding university policies, services, training issues, scholarship policies, dormitories, etc. NTU regularly organizes this sort of meeting to give students the opportunity to directly discuss their concerns with university leaders.

This meeting also serves as a channel to help the university better understand students' needs and solve immediate problems if any.

### Seminar on Academic Advising Activities

May 17<sup>th</sup>: A seminar on academic advising was held for academic advisors. The aim of the seminar was to equip academic advisors with professional knowledge and skills in academic advising so that they can better support students to succeed academically.

At the seminar, academic advisors and participants discussed various challenges regarding academic advising and suggested solutions to overcome problems. The role of academic advisors at this stage is of particular importance since NTU students still need time and much assistance to adapt to the credit system.

### Exhibition of Documentation About Vietnam Seas and Islands

May 23<sup>rd</sup> - 30<sup>th</sup>: NTU Library, in collaboration with Khanh Hoa Library, organized an exhibition of documentation about "Vietnam Seas Islands" with many precious books and documents confirming the legal and practical basis of Vietnam's sovereignty over the Spratly and Paracel islands.

The exhibition helped propagate and raise awareness of protecting the sovereignty of the islands, build reading habits, and contribute to the development of a reading culture in the university.

### 2013 Graduate Enrollment at Hai Phong Marine Research Institute

May 18<sup>th</sup> - 19<sup>th</sup>: NTU organized the 1<sup>st</sup> graduate enrolment of 2013 for 8 master programs and 4 doctor programs in Hai Phong.

NTU's graduate enrollment plan for 2013 targets 350 positions for master programs, and 15 positions for doctoral programs. NTU will also have 6 positions for doctoral training in aquaculture as assigned by the Ministry of Education and Training according to the 911 Scheme.

The second enrollment will be held on September 14<sup>th</sup> - 15<sup>th</sup>, 2013 at NTU.



# PRIZES AND AWARDS

## Khanh Hoa People's Committee Rewarded the Institute for Marine Science and Fishing Technology and Dr. Le Minh Hoang

May 8<sup>th</sup>: Khanh Hoa province held a meeting to commend and present certificates of merit to 15 institutions and 26 individuals, representing outstanding achievements in production and scientific research in the period 2011-2013. NTU's Institute for Marine Science and Fishing Technol-

ogy and Dr. Le Minh Hoang, Faculty of Aquaculture were rewarded for excellent achievements in scientific research, with many practical results, contributing to the development of the fisheries sector of Khanh Hoa province.



Mr. Nguyen Quoc Khanh (Vice Director of the Institute for Marine Science and Technology - second from left) received the certificate of merit



Dr. Le Minh Hoang (first to right) has many excellent research achievements

## “Proud of NTU” Video Contest Award



May 24<sup>th</sup>: NTU held a meeting to sum up and give awards for the contest of making video clip “Proud of NTU”. The contest had received 7 video clips about different training programs and strengths of NTU, especially in traditional majors.

The Organizing Committee awarded prizes to the Institute for Biotechnology and Environment, the Faculty of Transportation Engineering, the Faculty of Food Technology and the Faculty of Civil Engineering.

The award clips had been uploaded on NTU website and social networks (facebook, youtube, twitter).



Organization Committee and representatives of winning teams

## NTU Taekwondo Team at the 7<sup>th</sup> Khanh Hoa Sports Festival -2013-

The NTU student Taekwondo Team competed in a number of categories at the 7<sup>th</sup> Khanh Hoa Sports Festival in 2013. With great effort and spirit, NTU's team gained remarkable achievements: two gold medals (antagonism team, individual antagonistic male at weight from 58-62kg), three silver medals (boxing team, boxing male-female couple, individual antagonistic female at weight from 42-46 kg) and 4 bronze medals.



NTU Taekwondo Team

# Faculty of Food Technology

The Faculty of Food Technology established on August 1<sup>st</sup>, 1959, was formerly the Aquatic Processing Department, Faculty of Fisheries, Academy of Agriculture and Forestry. The Faculty has 59 staff members (Doctors: 18, Masters: 32). Most of the masters and doctors graduated from universities in Japan, France, Iceland, Norway, Australia and Russia.

After 54 years of development, the Faculty has trained more than 5,000 engineers majoring in Seafood Processing and Food Technology, and, about 1,100 associates and technical workers majoring in this area. Our graduates are currently working in around 300 businesses in 40 provinces and cities.

In terms of research, the Faculty has performed hundreds of research projects at different levels (national, provincial, institutional). Research with high application ability include the application of various processing technologies for Doty seaweed *Kappaphycus alvarezii*, production of imitative crab products from hairtail (*Trichiurus haumenla*) surimi, isolation and purification of lutein from marigold flowers (*Tagetes erecta L*) planted in Khanh Hoa province, bio-encapsulation from yeast and application in creating flavors and colorant compounds; and production and application of byproduct oligosaccharid (*olygochitosan* and *olygochitin*) in post-harvest preservation for offshore fishing.



Students of Food Technology Faculty and Professor George



Students of Food Technology Faculty in the Lab



Some successful products of Food Technology Faculty (coffee, fish sauce, canned food, and carramin nutrition drinks)



Students of Food Technology Faculty visit Vietnam - Germany Beer Factory

## NTU International Summer - An Experience You Cannot Miss

Nha Trang - Khanh Hoa is not only famous for the natural beauty as a gift of Mother Nature but also well-known as a training-research center for marine industries of Vietnam. Nha Trang University established since 1959 as the first fishery college of Vietnam is positioned in this very area. Training programs related to marine fields of NTU have become domestic brands and also been recognized by many international universities around the world. With the purpose of creating a unique opportunity for international students to experience NTU, especially for those who want to enrich their diversity profile, discover new cultures, inspect new practices, and but not limited to immerse in the world of the marine people, Nha Trang University has created the International Summer Program, or I-Summer in short.

The program is also a playground for students and faculties to interact and exchange experiences with international students. We hope to introduce and enhance NTU's image to international community as well as create a bigger network of partners.

The International Summer Program currently offers three short courses in Tropical Marine Aquaculture, Tropical Marine Biodiversity, and People and Livelihoods in South Central Vietnam. We are committed to introducing to international friends the most valuable experience of academic and cultural discovery of Vietnam tropical seas and islands.



### Upcoming Events



University Entrance Exams 2013 (July)

Green Summer Volunteer Program 2013 (July - August)