



NHA TRANG UNIVERSITY

NEWSLETTER

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SIGNS A COOPERATION AGREEMENT WITH SKYSTONE BIOTECHNOLOGY LTD. CO. VIETNAM




On the **January 16th, 2015**, Associate Professor Trang Si Trung - Rector of Nha Trang University (NTU)- held a meeting with Mr. Zou Yidong – General Director of Skystone Corporation, Mr. Xing Hua – Manager, of China Skystone, and, Mr. Chen Jun Hong – General Director, Skystone Biotechnology Ltd. Co. of Vietnam. The two sides discussed and signed an agreement of collaboration in training, scientific research, exchange of techniques, and, related fields.



Since 2015, Nha Trang University has received funds from Skypestone Company to establish “Thien Thach Company Scholarships” to support students of aquaculture and fish pathology. 10 outstanding students from the Institute for Aquaculture have been awarded a scholarship of 3 million VND each.

After the meeting, the leader board of Skystone Company held preliminary interviews with 26 students of the Institute for Aquaculture.



 The representative of Skystone Biotechnology Ltd. Co. presented scholarship for outstanding students

3rd FORUM ON FOOD SAFETY AT NHA TRANG UNIVERSITY



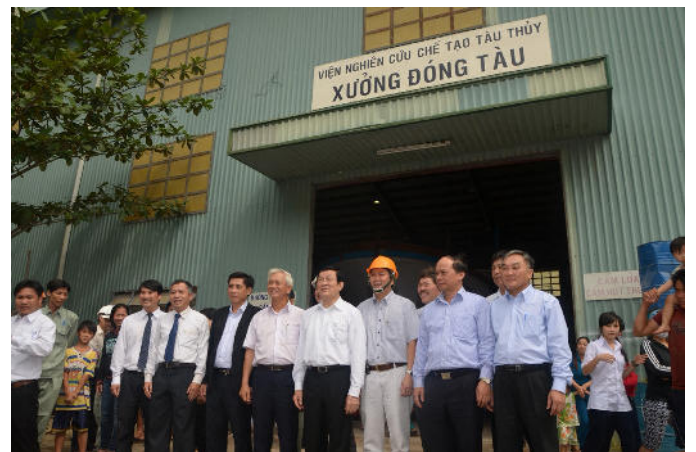
 Students attended the forum to update knowledge from the company

On the **January 11th, 2015**, the Department of Food Quality and Safety (Faculty of Food Technology) and its students held the 3th forum on food safety with the participants of the manager of quality from Hai Vuong Company Ltd., Mr. Nguyen Cong Bay (MSc.). This forum is a place where people can exchange or update knowledge about systems of quality management currently applied at some food processing manufactories, and other practical and useful information on such issues as: quality management in seafood processing; quality standards; import management systems; certificates of quality management such as BRC, IFS, ISO; creating systems for quality management at factories; and, establishing systems for food traceability.

PRESIDENT TRUONG TAN SANG VISITS NHA TRANG UNIVERSITY

Vietnam President Truong Tan Sang paid a visit to the Institute for Ship Building (UNINSHIP) of NTU on the morning of the **December 27th, 2014**. Accompanying with the president were: Mr. Nguyen Chien Thang – Chairman of Khanh Hoa Province's People Committee and, Associate Professor Trang Si Trung - Rector of NTU. Dr. Nguyen Van Dat – Director of UNISHIP welcomed the President and introduced to him the activities of UNINSHIP. UNINSHIP is the first institute in Vietnam to have successfully designed composite ships and fishing devices, provided various types of composite ship hulls (utilized in exploiting aquatic products, travelling and sea patrolling, etc. in many areas of Vietnam).

Before the visit, in **July 2014**, UNINSHIP cooperated with Yanmar Company (Japan) to successfully launch a ship made from composite, which is now mainly used in tuna fishing. The ship is coded YANMAR 1, and belongs to the project *"Enhancing the Income of Fisherman and Sustainably Developing Vietnam Tuna Capture"*. This is one of the most important projects which can contribute to upgrading fisherman's lives and developing marine economy.



DR. NGUYEN THE HAN HONORABLY RECEIVES THE GOLDEN GLOBE AWARD



Dr. Nguyen The Han and Mr. Vu Duc Dam - Deputy Prime Minister of Vietnam - at government office

On the **January 20th, 2015**, Dr. Nguyen The Han – lecturer of the Faculty of Food Technology – Vice Secretary of NTU's Youth Union – received an honorable award in technological science named "Golden Globe 2014" by Ho Chi Minh Youth Union and the Ministry of Science and Technology. This award was set up to honor excellent young scientists for their achievements at the national level. The award encompasses four areas: Information and Communication Technology, Medical Technology, Biotechnology and Environmental Technology. Dr. Nguyen The Han majored in Biotechnology.

NTU OPEN DAY 2015

On the **February 1st, 2015**, Tuoi Tre Newspaper, the MOET, the Department of Education and Training of Khanh Hoa province, the Youth Union of Khanh Hoa Province and NTU held an event to provide consultancy for high school pupils to prepare for enrollment in universities and vocational orientation in 2015. More than 4.000 students from high schools in Khanh Hoa and neighboring provinces attended the event.

Through various programs at the event, pupils were provided general information about the national exam and university enrollment this year by the experts from the MOET, from some universities and colleges in Ho Chi Minh City and Nha Trang City. On the same day, NTU also organized Open Day 2015 (3rd time) in order to introduce and provide information about NTU for students before the enrollment season of 2015. This year, the Open Day event hosted a greater extent of exhibition of NTU's achievements in training, education and scientific research as well as other activities. Useful information about enrollment, study areas, scholarship opportunities, studying abroad and vocational orientation, etc. were provided. Volunteers also offered campus tours for students and their parents to visit auditoriums, the museum, recreation facilities, the laboratory, the dormitory and the library.

LAUNCH THE 2015 MICROSOFT OFFICE WIN COMPETITION



On the **February 3rd, 2015**, more than 400 students from universities and colleges in Khanh Hoa Province participated in the launch of the 2015 Microsoft Office Win Competition (MOSWC) held at NTU. The competition was initiated by the Ministry of Education and Training (MOET), Viettel, IIG Vietnam and Tuoi Tre Newspaper. MOSWC is the biggest Microsoft Office win competition, with the participants of more than 100 countries. In Vietnam, MOSWC has become the biggest international standard Information Technology competition. Three competitors who receive the first prizes in three fields

in the competition will represent Vietnam in the World Final Round, to be held in Dallas, Texas – US from the 9th to the 12th of August, 2015. NTU will hold a competition to select candidates to take part in the national competition of this year in Da Nang.

THE INTERNATIONAL SCIENCE CONFERENCE, I-SEEC 2014

A delegation of NTU participated in the 6th International Conference about energy, technology and social science (I-SEEC 2014), which was held from December 17th to 19th, 2014 at Udon Thani Rajabhat University (Thailand). Nearly 200 scientists from many universities and institutes in Thailand and other countries such as Russia, Australia, Mexico, Korea, US, Libya, Indonesia, Malaysia, Vietnam, and Laos took part in the conference.



The scientists of NTU brought to the conference two scientific reports (by Dr. Le Chi Cong – Economics Faculty, Dr. Phan Van Cuong – Electricity and Electronic Faculty), and, two posters (by Dr. Huynh Nguyen Duy Bao – Faculty of Food Technology, Dr. Nguyen Van Duy – Institute for Biotechnology and Environment). They were highly regarded. Through the conference, Nha Trang University had an opportunity to exchange ideas on academic issues, share experience in scientific research with other international scientists, and, discuss potential fields, for conducting research, developing and exchanging technology with others.

VIETNAM – KOREA CHEMICAL ENGINEERING JOINT SYMPOSIUM

On the January 9th, 2015, NTU collaborated with Pusan National University, Pukyong National University and Seoul National University (Korea) to hold a Vietnam – Korea Chemical Engineering Joint Symposium. There were 9 reports and 12 posters about some fields in chemical engineering such as: seafood waste, from waste to high-value products in biomedical, plastics in use and producing ultraviolet windshield, application of an electric system in the fermentation process using hybrid electrode-microbial systems, research antioxidant activity of Phlorotamin fluids from brown seaweed *Sargassum Seratum*, monitoring population structure of acid-born bacteria during fermentation of Algal alginate from brown seaweed, understanding the technical circuit between biology and nano size materials, electrochemical studies on the reaction rate of heterogeneous electron transfer of some organic redox substances measured in ion liquid, etc.



Through the symposium, researchers and professors in the field of chemistry from both countries had discussed, shared experiences and knowledge. This was also a great opportunities for scientists from NTU to learn from international scholars.

THE CLASSIFICATION OF SOME TOXIC MARINE SPECIES IN NHA TRANG – KHANH HOA

The result of this study defined 18 species of toxic fish, 10 species of toxic crab, 13 species of creatures in Mollusca, 01 species of annelid, and, 2 species of Echinodermata exploited and used as foods, ornaments, souvenirs or foods for breeding process. In general, the knowledge of local residents about these toxic marine creatures as well as how to identify toxic organs, how to better process and preserve food is very limited, especially among fishermen, consumers and tourists. This has resulted in frequent occurrences of food borne illnesses.

This study also established and collected two wet and dry sets of samples of creatures displayed at the museum of aquatic creatures of NTU. Posters warning about these toxic creatures were also designed to be used in researching, teaching and propagation.

The next step in this study will concentrate on doing thorough research on the elements of toxin and their fluctuation in different species, seasons, distributed areas and environmental conditions. In detail, studies on preservation technology and preliminary processing to prevent toxic contamination and maintain freshness are of primary considerations.

MSc. Le Thi Hong Mo
MSc. Tran Van Dung



Blue-ringed octopus
(*Hapalochlaea lunata* Quoy & Gaimard, 1832)



Poisonous crab (*Demania scaberrima* Walker, 1887)



A STUDY ON THE EXTRACTION OF LUTEIN FROM MARIGOLD APPLIED IN MAKING ARTIFICIAL FOOD COLORS

Dr. Hoang Thi Hue An

After two years of study, Dr. Hoang Thi Hue An – a lecturer of Faculty of Food Technology – and her colleagues have established an industrial process which can help the scientists extract lutein from marigold in laboratory to be utilized in making artificial food colors. These artificial colors originating from natural products, are both safe for the consumers and friendly to the environment.

According to the researchers, the amount of lutein in marigold is very high and nearly pure in comparison with other sources in nature. Lutein extracted from fresh blossoms of marigold has a level of purity >92%, a total amount of Carotenoid >96%, and, a retrieving productivity of lutein >52.83%, while lutein from the powder of dry flowers extracted by Soxhlet method contained Carotenoid >82%, and a retrieving productivity of lutein >75%. The researchers also refined and evaluated the quality of lutein color powder tablet, lutein oil, and these types of products had low prices.



The success of the study contributed greatly to the utilization of Lutein in the food industry as a replacement for synthetic artificial colors having a high risk of toxicity.

“UNIVERSITY WITH NO CAMPUS” PROGRAM AT QUANG NAM



From January 18th to 27th, 2015, the Youth Union of NTU participated in a winter training course as part of the program “University with no campus” held by the Action Center for City Development (ACCD) at Phan Chu Trinh University (Hoi An, Quang Nam).

During the course, lecturers and students were trained in such skills as project building, project planning, fund raising, etc. Together in these fields, the participants had opportunities to practice, and, apply what they had learned in some ongoing projects of students, and design and construct a playground in Hoi An. Thanks to the course, the Youth Union of NTU received 47 million VND for the playground construction project utilizing environmental friendly recycled materials at a rural area of Khanh Hoa Province.

“CHERISHED SPRING” ON DIEP SON ISLAND

About 100 members of Youth Union of NTU joined their hands to bring a “Cherished Spring” (from March 1st to 9th, 2015) to the residents of Diep Son Island, Van Thanh Commune, Van Ninh District, Khanh Hoa Province. The Youth Union raised funds for the program and completed some practical activities such as building a shelter for protecting the electric generator from the effects of weather and sea winds, donating a new electric generator to replace the broken one, constructing some ferroconcrete electric poles, renewing all the electric lines on the island, installing a system of broadcasting and lights around the island, building playgrounds with continuous movement games for children, etc.

Before this, on the February 8th, 2015, the volunteers, who are staff and students of NTU, visited and presented 45 presents (costing nearly 12 million VND), 55 kilograms of rice, about 100 sets of clothes, pens, notebooks, and confection for children and 5 other presents for elderly people in the area with the purpose of helping the residents welcome the At Mui lunar new year 2015.



THE CAMPAIGN “STUDENTS WITH MISSIONS IN VOCATIONAL ORIENTATION AND CONSULTANCY FOR UNIVERISTY ENROLLMENT 2015”

On the January 30th, 2015, the Youth Union of NTU cooperated with the Department of Academic Affairs to deploy a campaign “students with missions in vocational orientation and consultancy for university enrollment 2015”.

Each volunteer in the campaign is a representative for the university to provide information and advice to high school students to make decision in vocational orientation and university enrollment.

This campaign was an initiative of the Youth Union and will be annually organized in the future. The volunteer students will function as a bridge, connecting NTU to high school students, inspiring confidence in the next generation and helping them to make good choices for their futures. This is also a useful occasion for students of NTU to develop communication and teamwork skills learned at the University.

A WORKSHOP ON SCIENTIFIC RESEARCH AMONG YOUTH ORGANIZED BY THE YOUTH UNIONS FROM UNIVERSITIES AND INSTITUTES IN KHANH HOA PROVINCE

On the **January 9th, 2015** the Khanh Hoa Province's Youth Union and the Department of Science and Industry collaborated with NTU Youth Union of to hold a workshop entitled "Promoting Research and Application in Science and Industry in Youth Union Members and Youth from Universities and Institutions in Khanh Hoa". More than 20 scientific reports presenting the results of many studies, projects, theses on fields such as economics, social science and humanity, engineering, construction, electricity – electronic, IT, food technology, biotechnology, environment, health, etc., were presented.

At present, there are still many difficulties and constraints in doing scientific research. For instance, the number of union's members, youth, and, especially students who participate in doing research or applying scientific technology are not numerous. However, the success of the workshop has contributed to promoting scientific research in the union and youth.



On the occasion of welcoming At Mui New Year 2015, in the cozy atmosphere of the lunar new year's eve, NTU held a meeting to wish students (who could not go back to their hometowns) a happy new year and welcome the lunar new year's eve with them. The leaders of NTU gave 34 presents (such as "giò", Chung cake, confection, etc.) to the students.

Supporting, encouraging and taking care of student who have to struggle with various difficulties in their lives is always a primary concern of the leaders of NTU. The meeting on lunar new year's eve is one of the practical activities which is held annually.

LUNAR NEW YEAR'S EVE WITH STUDENTS LIVING FAR FROM HOMES

SPRING 2015 CAREER FAIR

The Center of Student Advice and Support held a spring career fair on the **January 16th, 2015** for students of K53 and K54 to help them learn, accumulate experience, get the information about the labor market, the demands of recruitment of some companies, enterprises in Khanh Hoa Province and in some surrounding areas. Employers from Financial Prudential Vietnam – One Member Company Ltd., Sea Product Australia Vietnam Company Ltd., Vinpearl Company (Vingroup Corporation), Trade – Service Dien Khanh Company Ltd and other enterprises or companies participated in the event and recruited students for part – time jobs and works during Tet holiday in 2015. Through interviews, some enterprises received more than 200 dossiers applying for full time and part time jobs.



The representative of Vinpearl Company Ltd interviewed students for recruitment

CELEBRATING THE 65th VIETNAMESE STUDENTS' TRADITIONAL DAY



The student association of NTU held the 65th year commemoration of Vietnamese Students' Traditional Day (January 9th, 1950 - January 9th, 2015). The Student Association commended 65 students who ranked top in "student with 5 good criteria" campaign and presented "Lightening Dreams" scholarships (28 million VND) to 4 disabled students and students of ethnic minorities who have overcome many difficulties to pursue their studies. In the series of activities of commemoration, on the 11th of January 2015, teams from more than 12 faculties, institutes, clubs, teams and groups participated in a competition of folk dances and folk games.

MEETING RETIRED STAFF AND FACULTIES AT LUNAR NEW YEAR



On the February 12th, 2015, NTU held a meeting with retired staff and faculties to welcome the At Mui lunar new year, 2015. On the occasion of At Mui spring, Associate Professor Trang Si Trung – Rector of the University – sent his best wishes for a happy new year to all the retired staff, faculties and their families. Also, the leaders and NTU Staff Union also gave some gifts to the retired staff and faculties who are living in Nha Trang

THE CONFERENCE ON 45th YEAR CARRYING OUT HO CHI MINH'S TESTAMENT

To commemorate the 45th year of carrying out the testament of Ho Chi Minh (1969 – 2014), on the December 27th, 2014, NTU held a conference with the topic "Following the Testament of President Ho Chi Minh in educating ideology, morality for staff, faculties and students nowadays".

The conference clarified the basic contents of the testament and its application in educating ideology, morality for staff, faculties and students to construct the communist party, educate them the morality of a communist, encourage self-study, solidarity, humanitarianism and develop strategies in cultivating the next generation of communists in the university.

VOCATIONAL ORIENTATION AND CONSULTANCY FOR UNIVERSITY ENROLLMENT

On two days (February 7th to 8th, 2015), a delegation of NTU collaborated with the Connecting Students Club of Van Ninh District to give advice for university enrollment and vocational orientation to nearly 700 12-graders from Nguyen Thi Minh Khai, Huynh Thuc Khang, To Van On, and Le Hong Phong High Schools. The students were presented with new points in the regulations of university enrollment majors, which were being taught at NTU, the required marks for enrollment and the demands of society, etc. Through the program, students could have suitable choices when participating in the university enrollment this year.

On this occasion, NTU also gave 21 scholarships for students with excellent academic results and presented two sets of photoelectric battery for laboratory use for Nguyen Thi Minh Khai and Huynh Thuc Khang High Schools.

WORKSHOP ON “EMPOWERING COASTAL AND ISLANDISH COMMUNITIES TO MANAGE AND PROTECT MARINE RESOURCES”



In the framework of the program for Fulbright alumni launched by US Embassy in Vietnam to celebrate 20th anniversary of normalization of US-Vietnam diplomatic relation, NTU has organized a workshop on “Empowering coastal and islandish communities to manage and protect marine resources” on **March 26th - 27th, 2015**. Attendance of the workshop were Dr. Pham Anh Tuan - Deputy Director General of Vietnam Directory of Fisheries, Prof. Curtis Jolly - Auburn University, Prof. Donald Jackson - Mississippi State University (USA), Prof. Laura David - Institute of Marine Sciences (University of the Philippines Diliman), leaders of the Departments of Agriculture and Rural Development, Departments of Natural Resources and Environment, Departments of Fisheries Exploitation and Aquatic Resource

Management and Protection from Binh Dinh, Khanh Hoa, Binh Thuan provinces; representatives of research institutions, fishermen associations, professionals, scientists, researchers, lecturers, students in the field of fisheries in Vietnam. Especially, the US General Consulate in Ho Chi Minh City also sent representatives (Mr. Nate Rettenmeyer and Ms. Vo Dinh Hoai Thanh) to attend the workshop.

At the workshop, the presentations focused on a number of issues such as Exploitation and preservation toward increasing value and sustainability of Vietnam fisheries sector; Ocean Health and Coastal Community Sustainability; Spatial considerations for marine protected areas and networks; Co-management of fan scallop *Mimachlamys Crassicostata* resource at Phuoc The commune, Tuy Phong district, Binh Thuan province; Experiences and recommendations to enhance sustainable exploitation of marine resources for coastal and islandish communities in Binh Dinh province; Increasing the scientific knowledge of community for improving the management and protection of marine resource, etc. The workshop participants also conducted fieldtrips in Trao Reef Protected Area in Van Ninh District.

TRAINING COURSE FOR PKNU STUDENTS

From **18/01-12/02/2015** NTU has received 17 students from Pukyong National University, South Korea (PKNU) to participate in a short-term program under the cooperation agreement between the two universities. During the course, the Korean students learned about the culture of Vietnam and some basic Vietnamese; fisheries economics and tourism in Vietnam, tropical biodiversity and aquaculture in Vietnam. In addition to class hours, students also go on fieldtrips in many places inside and outside Khanh Hoa province. Fieldtrips to Hon Mun Marine Protected Area, aquaculture farms at Vung Ngan, the traditional craft villages, factories, as well as cultural exchanges with students and indigenous people have helped the students acquire knowledge and authentically experience the culture, life, and people of Vietnam.



UPCOMING EVENTS

- 1 National high school graduation exam and university admission (30/06 - 04/07/2015)
- 2 International conference on biotechnology and environment (12/06/2015)
- 3 Inauguration of free playground for children in Cam Lam District, Khanh Hoa province (11/04/2015)