



# BULLETIN

## Vietnam National University of Agriculture



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## VIETNAM NATIONAL UNIVERSITY OF AGRICULTURE HONORED TO RECEIVE THE TITLE “HERO OF PEOPLE’S ARMED FORCES”



On 3 April 2015, Mr. Trương Tân Sang, President of the Socialist Republic of Vietnam attended and delivered his speech at the ceremony honoring VNUA for the title “Hero of People’s Armed Forces” for outstanding achievements in the struggle against the US for national independence. This was a noble award of the Party and the Government in recognition of great contribution of VNUA for the country.

Congratulating the university for such achievements, the President emphasized the crucial importance of agricultural development, and stressed education along with science and technology as the top national policy. He further affirmed that training and improvement of the quality of human resources are breakthrough steps to develop the country. “The lecturers and staff of VNUA are expected to

become shining examples of virtue, the sense of striving for scientific research, self-study and creativity, while being a model for students to follow” he said. In particular, VNUA was proposed to promote and improve further the quality of scientific research, technology transfer to become an advanced research center with high reputation on agriculture, forestry and fisheries in the Southeast Asia region.

On this occasion, Mr. Cao Đức Phát, Minister of the Agriculture and Rural Development, also thanked the attention of the President to the agricultural sector as well as VNUA, praised achievements and significant contributions of VNUA for the country and congratulated VNUA for its notable title.

## THE EXEMPLAR-HONORING CONFERENCE FOR THE PERIOD 2011-2015

On May 21st 2015, VNUA held the exemplar-honoring conference for the period 2011 – 2015 to review emulation and commendation, praise units and individuals with outstanding achievements in the emulation movement for the period 2011-2015, launch a new emulation movement, and sign emulation agreement for the period 2016- 2020. During the past 5 year period, VNUA has always participated actively in the emulation movement introduced by the MARD and the MOET, and achieved remarkable results on training, scientific research, and social service. The Presidency Board of VNUA together with the representative of the Department of Organization and Personnel (MARD) awarded the Certificates of Merit of the Prime Minister, of the MARD; the title of the emulation fighter of the ministerial level; the Certificate of Merit of VNUA’s President to individuals and units with outstanding achievements for the period 2011-2015. At the conference, Mr. Nguyễn Song Thao, Deputy Director of the Department of Organization and Personnel, appreciated the Exemplar-Honoring Conference 2011-2015, the movement of emulation and commendation and achievements of units and individuals, agreed



*Awarding the Certificates of Merit of the Prime Minister, of the MARD; the title of the emulation fighter of the ministerial level; the Certificate of Merit of VNUA’s president to individuals and units with outstanding achievements for the period 2011- 2015*

with the orientation and tasks of emulation and commendation for the period 2016-2020 and expected VNUA would host more practical movements in connection to the implementation of political tasks of the MARD.





## TRAINING

### Presenting Degree to Graduates

A batch of 827 Bachelors, Engineers, and Associate Bachelors received their degrees on April 21st 2015, of which forty-three attained excellent academic performances.

Vice President Nguyen Xuan Trach kindly congratulated the graduates and expressed his high expectation and belief that in whatever positions they may hold, they will fulfill their duties and make their greatest efforts to contribute to the development of the society



Vice President Nguyen Xuan Trach congratulated the graduates

Presenting Degree to Graduates in 2015

### Enrolment and Job Orientation Day 2015



Assoc. Prof. Dr. Bui Tran Anh Dao at the The Enrolment and Job Orientation Day 2015 for disciplines of Natural Sciences, Techniques, Technology, Medicine, Agriculture and Forestry, Foreign Languages



Orientation at VNUA showcase

The Enrolment and Job Orientation Day 2015 hosted by the Ministry of Education and Training and the Central Committee of Ho Chi Minh Communist Youth Union, Tuoi tre Magazine was organized at Hanoi University of Science and Technology. Assoc. Prof. Dr. Bui Tran Anh

Dao, Director of the Training Management Office attended this event. He kindly answered all inquiries from interested audiences regarding the entrance examsto VNUA and related regulations. VNUA showcase attracted a large attention from participants.

### Working with POHE2 consultants for periodic evaluation on POHE2 implementation at VNUA

The POHE2 consultants had a periodic evaluation meeting with the University on POHE2 implementation, i.e. replication of training programs developed since phase 1. POHE2 consultants had interviews with VNUA's key informants to evaluate how the POHE training programs

were developed and how far expected results were achieved since 2014 together with management activities and plans for the POHE training program replication. Such information will be inputs for the project final report, which will be sent back to the University for better performance.

# INTERNATIONAL COOPERATION

## ENHANCING COOPERATION WITH SVAY RIENG UNIVERSITY, CAMBODIA

A VNUA's delegation led by Vice President Nguyen Xuan Trach paid an official working visit to Svay Rieng University (SRU), Cambodia, from 24th to 27th May 2015. The two sides discussed possibilities for cooperation expansion in training such as opening of joint degree programs, short student exchange programs (1 to 3 months), credit exchange program, and visiting lecturers program, etc. During the meeting, SRU and VNUA representatives also focused on themes for potential joint research projects.



Vice President Nguyen Xuan Trach represented token to SRU's Rector

## VISIT OF EASTERN SAMAR STATE UNIVERSITY, PHILIPPINES



The meeting between Eastern Samar State University and VNUA

On 21st May 2015, a delegation of Eastern Samar State University, the Philippines, led by Ms. Emilia L. Baquilod paid a visit to VNUA. The two sides agreed to promote staff and student exchanges, trainings on lab management, and joint research. They also focused their discussion on slope land and plant pathogens as two research themes for further cooperation.



Group photo



## VIETNAMESE SCHOLAR PROGRAM 2016

On 25th May 2015, a Seminar on Vietnamese Scholar Program 2016 (VSP 2016): Opportunities and Application Process was held at VNUA. Ms. Do Thu Huong, Fulbright Program assistant, the Department of Culture and Information - the U.S. Embassy in Hanoi attended the Seminar. Ms. Do Thu Huong presented a full description on how to apply the VSP 2019 especially on how to prepare a research proposal, a very important evaluation criterion on each applicant. The Seminar expected to encourage VNUA lecturers and researchers to make a good preparation for their application. Hopefully, more VNUA applicants for VSP would be successful.

## VNUA STUDENTS TOOK PART IN THE 36th FUTURE FARMERS OF THAILAND

From February 08th to 15th 2015, 3 students and one official at the International Cooperation Office, Vietnam National University of Agriculture (VNUA) took part in the 36th Future Farmers of Thailand (the 36th FFT), an annual vocational education program in agricultural science for Thailand students under the HRH Princess Maha Chakri Sirindhorn, Thailand's Royal Patronage.

The 36th FFT provided students with opportunities to not only expose and improve communication and presentation skills but also create a network among students from agricultural universities/colleges in the region.





## FACILITATING COOPERATION WITH THE UNIVERSITY OF WESTERN AUSTRALIA

On 11 May 2015, representatives from the University of Western Australia (UWA) worked with VNUA officials to discuss Summer School Program for Australian students at VNUA.

It was proposed that the Summer School Program 2015 (SP2015) would be held from 22nd November 2015 to 5th December 2015 with the participation of 10 UWA students. The SP2015 would provide students with knowledge and empirical evidences of agricultural cooperatives and international trade of Vietnam. Other ten students from the Faculty of Economics and Rural Development, VNUA, would also join with UWA students to make 10 UWA – VNUA couples. It was expected to be a good opportunity for the participating students to know, to learn, to do together and to establish an active network among students.

The UWA representative also introduced briefly about the UWA, scholarship opportunities and guidance on how to apply for post-graduate trainings at the UWA.



*The UWA representative introduced scholarship opportunities to VNUA staff and students*

## AMBASSADOR OF THE SOUTH AFRICA TO VIETNAM PAID AN OFFICIAL WORKING VISIT TO VNUA



On 13rd May 2015, Ambassador of the South Africa to Vietnam, H.E. Kgomo Ruth Magau led a delegation paid an official visit to VNUA in order to discuss potential cooperation in training and scholarship opportunities for the South African students at VNUA.

Assoc. Prof. Dr. Nguyen Xuan Trach strongly expected that the cooperation with the South Africa would be established soon with activities that VNUA had strong experiences as mentioned above.

H.E. Kgomo Ruth Magau shared her ambitious idea on developing a project on promoting capacity for the South African officials especially in agriculture. If the project is executed, VNUA, a leading agricultural university in Vietnam, would be an important stakeholder of the project.

## OFFICIALLY OPENING THE UNIVERSITY OF MIYAZAKI OVERSEAS OFFICE AT VNUA



*Prof. Dr. Tran Duc Vien and Dr. Tatsuo Sukanuma signed the MOU on the establishment of the Office between VNUA and University of Miyazaki (UOM), Japan.*

On 9th March 2015 the University of Miyazaki Overseas Office at VNUA was officially opened right after the signing ceremony of the MOU on the establishment of the Office between VNUA and the University of Miyazaki (UOM), Japan.

The Office will collect and provide information on student and staff exchange programs between UOM and



*The inauguration of the Miyazaki Overseas Office – Room 229, Second floor, Administration Building*

universities in Vietnam and requirements on entrance examination to UOM; carry out interviews for graduate school admission; support teaching and research activities of the staff and faculty of UOM; connect and support the University of Miyazaki alumni in Vietnam; and assist joint projects between the two universities and with other universities in Vietnam.

## STRENGTHENING COOPERATION WITH AUSTRALIAN UNIVERSITIES



On 20th April 2014, a delegation of Australian universities, and the Embassy of Australia in Hanoi visited VNUA to discuss potential cooperation in training and research. Over the past years, partnerships established between VNUA and Australian universities were quite diverse and widespread in many areas.

To continue such fruitful cooperation, Assoc. Prof. Dr. Nguyen Thi Lan suggested that the two sides should expand and develop strategic partnerships through development of student and staff exchange programs, collaborative programs with focus in the fields of agriculture, food technology, business administration, economics, animal husbandry, veterinary medicine, and environment.

### A REPRESENTATIVE FROM THE KANSAS STATE UNIVERSITY COLLEGE OF VETERINARY MEDICINE VISITED VNUA

Assoc. Prof. Dr. Thu Annelise Nguyen from the Kansas State University College of Veterinary Medicine (CVM) visited VNUA on April 6th 2015. This was the first visit of CVM representative to VNUA.

The two sides also discussed on steps and essential activities to promote collaboration on training and research i.e. possibilities to proceed MOU signing and follow up actions. They further focused on mutual interest particularly in veterinary medicine, a strong discipline of both universities. Assoc. Prof. Dr. Thu Annelise Nguyen also provided information about scholarships at CVM which was informative for VNUA's students. Further information at <http://www.vet.k-state.edu/>.



## PROMOTING INTERNSHIPS IN ISRAEL

Mr. Nguyen Phu Toan, Vice Director of OLECO JSC, a company under the MARD, had a working meeting with VNUA on 11th April 2015 to discuss possible cooperation in arranging internships for VNUA's students in Israel.

Participating students paid much their concern about working and living conditions as well as provisions and required commitment to them. Ninety percent of them attended interviews right after the meeting to seize opportunities of studying and working in Israel.



*Mr. Nguyen Phu Toan, Vice Director of OLECO JSC, introduced the internship program in Israel*

## WORKING WITH NOBLE SOLUTIONS



*Discussion between the two sides*

Mr. Michael Noble, Director of Noble Solutions, an education focused management consultancy firm, worked with VNUA about possibility of opening joint training programs.

The two sides agreed to proceed with a MOU which would cover cooperation in joint training programs such as 2+2, 3+1, collaborative research; and student and staff exchanges; and scholarships.

Noble Solutions would be the contact agency to seek supports, i.e. tuition fee, accommodation, traveling, meals from universities at Ireland and the United Kingdom for VNUA's students so that they could have chances to study there.



## RESEARCH

### CELEBRATING THE VIETNAM SCIENCE AND TECHNOLOGY DAY



On 18th May 2015, VNUA organized a meeting to celebrate two years of the Vietnam Science and Technology Day.

The meeting titled Science and Technology, an impetus for rapid and sustainable development highly recognized academic achievements of VNUA staff, especially those of young academics, such as increasing international publications, commercialized research products, high valued research, etc.

At the meeting, the participants shared their hard but glorious research career paths. It was also a venue for them to present remarkable research results as well as interested research themes in the coming time.

### LAGENARI VUGARIS DEMONSTRATION MODEL

Lagenari vulgaris demonstration model with both local and exotic exported varieties was established by the Department of Agricultural Systems, Faculty of Agronomy and Center for Experimentation and Vocational Training. Currently, the research team has collected 12 varieties and carried out evaluation on their adaptation capacity. The results shown that 6 of them had high adaptation capacity with good shape and diversity. This model started up potential research for other varieties of squash family (Cucurbitaceae) and a good destination for students and visitors to VNUA.



### FIELD VISIT TO NAM PO DISTRICT



Directed by the MARD, from 19th to 23rd March 2015, a working delegation led by Vice President Nguyen Tat Canh made a field visit to Nam Po district, Dien Bien province. VNUA and Nam Po district agreed that VNUA would offer short training courses for agricultural extension workers, provide technical consultation for development of cattle and native plants in the locality.

### PRESERVING HO AND DONG TAO CHICKENS BY NEW TECHNIQUE

The Ho and Dong Tao chickens, the two rare chicken breeds native to Vietnam, are facing with degradation and loss of genetic diversity. Mr. Nguyen Van Duy, Center for Interdisciplinary Research on Rural Development successfully applied analytical genotypic characteristics methods by genetic assignment from single nucleotide polymorphisms (SNP), which offered the best embryo screening, promptly removing abnormal embryos to produce high quality individuals. This technique was useful for exploiting and preserving these two precious breeds of chickens.



Dong Tao chicken

## BUILDING A MODEL OF BLACK CARP GROWOUT SEMI-INTENSIVE IN HAI DUONG

Black carp species in Hai Duong" with the aims of establishing a model for replication and conservation. Model households were supported with breeding and technical guidance to avoid risks that spontaneous farming had encountered. The pilot model revealed better economic efficiency than that of the traditional black carp farming model



## PRESERVING BARBERRY BY NEW TECHNOLOGY

Barberry is a rare medicinal plant, used to cure intestinal diseases, but is currently at risk of depletion due to improper exploitation.

Mr. Lai Duc Luu at the Institute of Agricultural Biology implemented a study on "biomass production from Barberry roots as a pharmaceutical source for berberine production by aeroponic technology", contributing to preservation of this precious species. The challenging issues to the study were the climate condition and environment in Hanoi that were really unfavorable for its development. Therefore, in order to deal with such issues and obtain good outputs, i.e. high root biomass, tissue culture and aeroponic technology were applied mainly during spring and winter when it is cool.

## MODEL OF TORTOISE BREEDING AND RAISING FOR COMMERCIAL PURPOSES

Dr. Kim Van Van at the Faculty of Aquaculture, known by outstanding achievements in the field of fisheries and application of advanced technologies to research, received credibility from local people in Son La City for technology transfer and technical guidance for raising tortoise. Successful results of the project "Development of tortoise breeding and raising model in Son La City" initially contributed to creating new employment for farmers, promoting poverty reduction, economic growth and transferring technology to the neighboring provinces such as Lao Cai, Yen Bai, Nam Dinh, Phu Tho ...

## SEMINAR ON "LAWS AND POLICIES OF ECONOMICS AND INVESTMENT IN VIETNAM"

On 14th May 2015, a seminar on laws and policies of economics and investment in Vietnam was hosted by the Faculty of Political and Social Sciences together with the Faculty of Economics and Rural Development. The seminar provided a wide range of information on new economic and investment laws and policies as well as significant gaps of the existing ones in the field of agriculture and rural development in Vietnam. It also presented some obstacles when applying them into reality. The seminar was a venue for developing initiatives to improve laws and policies in the context of deeper global integration of Vietnam.

## TESTING NEW HYBRID RICE IN NINH BINH PROVINCE

On 9th May, 2015 the Department of Agriculture and Rural Development in Ninh Binh province under the support of the Institute of Crops Research and Development (ICRD), VNUA, organized a seminar to review and evaluate testing models of TH3-7 hybrid rice and other varieties in the spring-winter season of 2015. The TH3-7 is a 2 line hybrid rice created by Assoc.Prof.

Dr. Nguyen Thi Tram and her colleagues at the ICRD. This variety owns several outstanding characteristics such as medium growth duration, good tolerance to unfavorable conditions and the blight, good adaption to various types of soil, and high yield. The TH3-7 with long grain and elegant taste could reach an estimated yield of 6-8 tonnes/ha.



## USING SEXUAL HYBRID METHOD AMARYLLIS

Dr. Pham Thi Minh Phuong and her colleagues at the Faculty of Agronomy carried a study on breeding the amaryllis by applying sexual hybridization between indigenous genetic resources and exotic ones. Initially, a hybrid combination of the amaryllis was formulated with different colors, shape and smell. In the coming time, the research team would continue to breed more new varieties to serve market demands. This is good news for the ornamental plant sector and especially those who love this flower.



## MASTERING AEROPONIC AND HYDROPONIC TECHNOLOGIES IN PRODUCTION OF POTATO AND OTHER VEGETABLES

A state-level project on “Biological Technology and Production Models of Free Disease Potatoes, Vegetables and Flowers” led by Prof. Dr. Nguyen Quang Thach, the Institute of Agro-Biology, VNUA, has obtained remarkable results.

The project successfully applied aeroponic and hydroponic technologies in production. These technologies were also tested on tomatoes, carnations, strawberries, and daisies which all produced highly valued results. The project results would be the base for the development of bio industrial plant production enterprises in Vietnam.







**BẢN TIN**

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