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UNHAS RECTOR ATTENDS AUSTRALIA-INDONESIA PARTNERSHIP POLICY DIALOGUE

Rector of Universitas Hasanuddin, Prof. Dr. Dwia Aries Tina Pulubuhu, MA., attended the policy dialogue activity organized by The Australia-Indonesia Center (AIC). Dialogue that discussed several agendas regarding transportation, commodities, and opportunities for people who live along the Makassar-Parepare Railroad. The event took place at the Melia Hotel, Makassar, Wednesday (05/02).

Also present was the Australian Consul General in Makassar (Richard Mathews), Economic and Investment Advisor in the Ministry of Transportation of the Republic of Indonesia (Prof. Wihana Kirana Jaya), the South Sulawesi Development Acceleration Team, the Regional Development Planning Agency, representatives of the Australian Government, and researchers from Indonesia and Australia is part of the Partnership of Australia - Indonesia Research (PAIR).

In her remarks, Prof. Dr. Dwia Aries Tina Pulubuhu, MA said that AIC regularly strengthens bilateral relations between Indonesia and Australia in various aspects of development such as economic, industrial and the relationship between academics. PAIR is a program that tries to connect between Indonesian and Australian researchers

in answering various development issues. At present, PAIR is focusing on the construction of the Makassar-Parepare Railroad.

After opening, the event continued by listening to the presentation of material from several speakers with different backgrounds. The activity which presented approximately 80 participants from the delegation of Indonesian and Australian researchers, the Government, and the South Sulawesi Development Acceleration Team took place until 4pm.

UNHAS & BRITISH COUNCIL HELD SOCIAL ENTREPRENEUR TRAINING



Universitas Hasanuddin through the Directorate of Alumni and Career Preparation (DPAK) in collaboration with the British Council held a social entrepreneurship training titled "Active Citizens Social Enterprise Training". This activity took place in the LPMPP Unhas Hall, Tamalanrea Campus, Makassar, since Tuesday (II/02) until Friday (2/I4).

Muh. Ashry Sallatu who is a Lecturer in International Relations at Universitas Hasanuddin, as well as a facilitator of activities, explained that this activity aims to train lecturers to make their social enterprise (social entrepreneurship) better than before. Furthermore, he said that participants were expected to become more caring and confident in leading the community or social enterprise while increasing their understanding of sustainable social entrepreneurship.

The training takes place with participatory methods, where participants receive the material as well as practice. In addition, this activity was attended by 32 participants from Unhas lecturers and several lecturers from other universities.

source: www.unhas.ac.id

UNHAS JOINED HIGHER EDUCATION EXPO IN BRUNEI DARUSSALAM

The Ministry of Education of Brunei Darussalam held Higher Education Expo 2020 in Bridex Hall, Jerudong , Brunei Darussalam, started from Saturday until Sunday, 8-9 February 2020. This expo joined by a lot of Education Institutions from ASEAN, and it was opened by The Minister of Education of Brunei Darussalam, Datuk Hamzah Sulaiman.

The theme of this expo is "Applying for Higher Education, Life-Long Learning Opportunities, Job Readiness & Employability Skill, Future Career, Job Opportunity". Besides attending the expo, the delegations also had the opportunity to visit some Institutions in Brunei Darussalam.

The delegations from Indonesia joined the visitation to University Islam Sultan Sharif Ali (UNISSA), University of Brunei Darussalam (UBD) Botanical Research Center, and Pengiran Anak Puteri Rashidah Sa'adatul Bolkiah

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(PAPRSB) Institute of Health Science.

The Embasssy of Indonesia in Brunei Darussalam also in this event, with other 5 Institutions from Indonesia: Universitas Hasanuddin, Airlangga University, University of Islam Malang, State Islamic University Maulana Malik Ibrahim Malang, and State Islamic University Ar-Raniry, Banda Aceh.

The Ambassador of Indonesia for The Kingdom of Brunei, Dr. Sudjatmiko, hopes with the participation in this event, may boost the increase of student candidates from Brunei Darussalam to have education in Indonesia, and vice versa. "Besides of joining in this Expo, we planned to visit a few High School in Brunei to introduce Universities in Indonesia. We targeted to net minimum 5 students from Brunei for this year to apply in each University in Indonesia," said Mr. Sudjatmiko.

Unhas is hoped to net student candidates from Brunei and offers scholarship for the candidates. In this expo, besides of served information about the academic aspect in Unhas, it also displayed innovation products, and explanation about each faculties' profile that exist in Unhas.

source: www.unhas.ac.id

FACULTY OF ANIMAL HUSBANDRY OF UNHAS HELD SYMPOSIUM OF RURAL LEADERSHIP FORUM LIVESTOCK DEVELOPMENT



Faculty of Animal Husbandry of UNNHAS held Symposium of Rural Leadership Forum Livestock Development in the Hall of Faculty of Animal Husbandry, Unhas On Wednesday (12/2/2020). This symposium presented Mr. Graham Smith as a speaker from Australia Rural Leadership Foundation (ARLF) attended by lecturers and students which was officially opened by the Dean of Faculty of Animal Husbandry, Unhas, Prof. Dr. Ir. Lellah Rahim, M.Sc.

This symposium is held to provide insightful material on the leadership in a rural area to develop leadership skills in the field of the livestock sector. Besides, this also mainly discussed leadership behavior and development on how to acknowledge and be a good leader. Quoted from Mr. Graham's presentation that in leadership there are 3 H which are Head, Heart, and Hand in making a decision.

source: www.beritakotamakassar.fajar.co.id

UNHAS HELD A SEMINAR SERIES DISCUSSED CARBON ECONOMY WITH AUSTRALIAN EXPERTS



UNHAS through the Center of Excellence for Interdisciplinary and Sustainability Science (CEISS) Graduate School once again held a Graduate Seminar Series with the theme "The Science, Policy, and Economics of Carbon Farming in the Asia-Pacific Region". The activity was attended by Dr. Sebastian Thomas, Senior Researcher of the Australia-Indonesia Center (AIC) / PAIR and lecturer at the University of Melbourne. It took place in the Hall of Prof. Fachruddin, Graduate School of Unhas on Monday.

On this occasion, Dr. Thomas explained several discussion topics which are Science of Carbon, Carbon in Policy, Economic of Carbon, Aboriginal Firestick Farming, and Blue Carbon in The Asia-Pacific. The concept of carbon economics or carbonomics will be important in the future. Carbonomics puts carbon calculations into a tool to encourage environmental sustainability and save the earth from the threat of climate change impacts that have been widely felt today. Carbon economy can encourage environmental sustainability because it does not use a lot of energy sources that emit carbon dioxide, so this can reduce the effect of greenhouse gases into the biosphere while reducing the impact of global warming.

On the same occasion, Dr. Sudirman Nasir, who is also the Director of CEISS Unhas emphasized that in solving environmental problems, studies from various other disciplines are needed. As an interdisciplinary center of excellence & sustainability, CEISS will continue to encourage interdisciplinary knowledge exchange and collaboration at Unhas. Such as inviting various speakers, researchers, & practitioners from various backgrounds and disciplines.

UNIVERSITI SAINS MALAYSIA (USM) VISITED UNHAS FOR POTENTIAL COLLABORATION



USM Delegetaion with the Dean of Faculty of Engineering Unhas with Staff, having a group picture, Tuesday (18/02/2020). Nine delegates from USM visited the Department of Civil Engineering, Faculty of Engineering, Universitas Hasanuddin. The delegation was led by Associate Prof. Dr. Mohd. Remy Rozainy Mohd. Arif Zainol, at Gowa Campus, on Tuesday (18/02).

Dean of Faculty of Engineering, Prof. Dr. Ir. A. Muh. Arsyad Thaha, MT., in His welcoming speech said that the Faculty of Engineering Unhas continues to encourage a competitive academic system, through the provision of facilities and infrastructure. Prof. Arsyad also explained about the research roadmap of the Faculty of Engineering, which is the basis of ongoing research.

Prof. Dr. H. Wihardi Sironge, as Head Department of Civil Engineering Unhas, considered that this visit could be used to share science and knowledge and open opportunities for collaboration.

Nine USM delegates responded to the opportunities for collaboration enthusiastically, especially in the field of research. Laboratory facilities and infrastructure of the Faculty of Engineering strongly support the need for advanced research. Through this visit, USM hopes that there will be a collaboration agreement. During the visit, there were several recommendations for collaboration that could be conducted in the future, such as lecturer and student exchange programs, holding international conferences or collaborative writing, papers and other forms of collaboration.

On Thursday (19/02), the delegates met Rector of Unhas, Prof. Dr. Dwia Aries Tina Pulubuhu, M.A on the 8th Floor of Rectorat Building.

In the meeting, Prof. Remy expressed his admiration for Unhas. "This visit will not be the first and the last time for USM", he said.

The purpose of the visit was to discuss the collaboration plan of Unhas and USM. Unhas will facilitate the young lecturers so they can collaborate with young lecturers on other campuses, especially USM.

This is expected to be a model of developing the quality of young lecturers in faculties in Unhas. Later, the collaboration of young lecturers will be conducted in the fields of research, education, and community service

AUSTRALIAN SPEAKER EXPLAINS PROCESSION OF CRANIOFACIAL SURGERY AND MALAYSIAN EXPERT DISCUSSES CHILDREN'S DENTAL HEALTH AT FKG UNHAS

Universitas Hasanuddin through the Faculty of Dentistry (FKG) held a Guest Lecture which presented presenters from Australia. Assoc. Prof. Peter J. Anderson, DSc., DDSc., MD, Ph.D., M.Surg. Ed. This speaker is a lecturer at the Faculty of Public Health, University of Adelaide, Australia. And also, another speaker is from Malaysia, Prof. Dr. Sabri Musa. The speaker was the Dean of the Faculty of Dentistry at Universiti Malaya, Kuala Lumpur, Malaysia on Wednesday 19/02.

Prof. Peter brought material entitled "What is Craniofacial Surgery?". In his explanation, Prof. Peter said that craniofacial surgery is one of the surgical procedures that focus on the head and facial bones. Meanwhile, Prof. Sabri brought material entitled "An Update on Restorative in Pediatric Dentistry", which discussed the profession of a pediatric dentist. Human teeth undergo major changes from infancy to adolescence.



On this occasion, Prof. Peter invited the participants to express their opinions on some of the cases presented. In addition, he showed many videos of craniofacial surgical procedures. On the other hand, besides describing Pediatric Dentistry, Prof. Sabri also gave some restoration material developments that are currently widely used in the field of pediatric dentistry.

UNHAS, AIC, AND AUSTRALIAN MEDIA DISCUSS SOUTH SULAWESI AND AUSTRALIA'S AGRICULTURAL COOPERATION

Universitas Hasanuddin and Australia Indonesia Center (AIC) together with Australian Media held a meeting to discuss the Australian and Indonesian Research Partnerships in the field of Agriculture and Marine Sciences. This meeting was held in GB Room II, Postgraduate School of Universitas Hasanuddin, Tamalanrea Campus, on Friday, February 14, 2020.

In the activity, Prof. Jamaluddin Jompa, Ph.D., as the Dean of the Postgraduate School of Universitas Hasanuddin welcomed the PAIR program, where the program was interdisciplinary by the development of science at the Postgraduate School of Universitas Hasanuddin. He said Makassar and Australia have a close relationship related to history therefore that it is expected to be the initial foundation for developing collaboration.

The Australian Consul General in Makassar, Richard Mathews said that the PAIR program was expected to produce useful policy formulations as a reference for the government. Several researchers at Universitas Hasanuddin also provided an overview of research development in the field of research and marine science, such as Dr. Rita Rukminasari, Ph.D., and Dr. Muhammad Junaid. Dr. Rita Rukminasari, Ph.D., as a researcher at the Center of Excellence for Development and Utilization of Seaweed (CEDUS) explained about "Seaweed at South Sulawesi: Research and Opportunity" where seaweed is currently one of the promising business potentials in South Sulawesi thus requiring a research center that intensively studies seaweed and provides training for business people. Dr. Muhammad Junaid explained "Main Agricultural Commodities: Challenges and Opportunities" in which the Indonesian economy grew very well and the biggest contribution was made by agriculture.

source: www.unhas.ac.id

FACULTY OF ANIMAL HUSBANDRY OF UNHAS SIGNED A MOU WITH JAPANESE COMPANY



Universitas Hasanuddin through the Faculty of Animal Husbandry signed a Memorandum of Understanding (MoU) with a Japanese company, Kobayashi Nousan Co., Ltd., which is a subsidiary of the Kobayashi Farm Group engaged in animal husbandry. Signing Ceremony was carried out by the dean of Faculty of Animal Husbandry (Prof. Dr. Ir. Lellah Rahim, M.Sc), and the President of Kobayashi Farm Group (Kikuko Kobayashi), located on 8th Floor of Unhas Rectorate Building, Tamalanrea, Tuesday (25/2)

Agreement of Joint Cooperation between the Faculty of Animal Husbandry and Kobayashi Nousan Co. Ltd. contains the agreement of two parties to cooperate in the field of education and research. In its implementation, both cooperating parties will support each other in the process of learning, joint research, and internship that will involve lecturers and students.

Thus, this program is highly expected to provide space for the academic civitas (especially lecturers and students) to be able to broaden their horizons in global scope which can then be distributed to their surroundings. Besides, this is also conducted to realize a program named Freedom in Learning (Merdeka Belajar) issued by the Ministry of Education and Culture in which one of the requirements is the availability of company and industry partners who are willing to accept students to get to know the world of work through internships.

THE EXPERT FROM AMSTERDAM DELIVERED LECTURE ON STEM CELL IN THE FACULTY OF DENTISTRY OF UNHAS



Faculty of Dentistry conducted guest lectures that present expert from Amsterdam, Dr. Marco N. Helder, Ph.D. He is a lecture from the Department of Oral and Maxillofacial Surgery, Vrije Universteit (VU) Medical Center Amsterdam, Netherlands. This guest lecturer took place at the Auditorium of Halima Dg Sikati, Unhas Dental Hospital, Kandea Street, Makassar, on Thursday (20/02). The public lecture attended by approximately 100 participants from the Faculty of Dentistry students and young doctors of Unhas Dental Hospital.

The title of the Lecture was "Stem Cell and Regenerative Medicine for Tissue Repair", discussed the Adipose Stem Cell and 3D Printing Univision Lab which has been developed by VU Medical University in Amsterdam.

Adipose Stem Cells (ASCs) are a type of mesenchymal stem cell that has the potential for differentiation in adipose tissue. This stem source cell is used to repair and regenerate damaged, acute, and chronic tissue. Adipose Stem Cells can be used in valve conditions, trauma, and oncology patients. "In recent years, ASCs have become a focus of regenerative medicine because it has an important role in tissue regeneration engineering," explained Dr. Marco.

Furthermore, Dr. Marco also explained the collaborative research conducted with Unhas about the use of Adipose Stem cells combined with Calcium phosphate to close the defects in patients with cleft lip and palate.

Before presenting the material, Dr. Marco first followed the operation conducted in the operating room of Unhas Dental Hospital for gnatoschizis patient (a congenital abnormality in which gaps in the lips or the ceiling formed) using bonggraph combined with stem cells.

The participants followed the material presented by Dr. Marco enthusiastically. Most of the participants asked questions or their points of view about the lecture.

UNHAS DISCUSSED SUSTAINABLE SCIENCE WITH AUSTRALIAN EXPERTS



Universitas Hasanuddin through the Center of Excellence for Interdisciplinary and Sustainability Science, the Postgraduate School held a seminar series on the topic "Identifying Research Topic and Developing Research Proposals for Research Grant on Sustainability Issues / Science", presented by Dr. Sebastian Thomas from The University of Melbourne. This meeting took place in the Dean Meeting Room, Postgraduate School of Universitas Hasanuddin, Tamalanrea Campus and was attended by Postgraduate School academics. In the activity, Thomas delivered several issues related to sustainability science, designing research proposals and the impact of sustainable science. Sustainability science is a study that focuses on developing inter-disciplinary & transdisciplinary

environmental and scientific studies. This study considers the future of humanity and civilization as a process determined today, so science should dedicate itself to sustainability. Also, to develop this study, some basic abilities are needed, such as thinking system, anticipating ability, normative ability, strategic thinking, and interpersonal skills.

During the presentation, Thomas and the participants shared ideas and research ideas that could or were being conducted. Every scientist can consistently research according to the field of study / respective fields of science, but still, pay attention to aspects of sustainability in the process and analysis.

source: www.unhas.ac.id

UNHAS UPDATE TEAM

Dwia Aries Tina Pulubuhu Muhammad Iqbal Djawad Nurul Ichsani Nur Fadhilah Muhammad Reza Syamsuri Hartina Mahardika Kumara Tungga Dewa Nasrah S Muhammad Nasrum Massi Nur Arifah Muhammad Sabranjamil Alhaqqi Marningsih Khaerunnisa Muhiro Muhammad Imam Wahyuddin Zefanya Elsabat

FACULTY OF DENTISTRY OF UNIVERSITAS HASANUDDIN HELD THE 11TH INTERNATIONAL SCIENTIFIC MEETING AND THE 3RD INTERNATIONAL CONFERENCE



The Faculty of Dentistry of UNNHAS held the 11th International Dental Scientific Meeting (TIIKG) and The 3rd International Conference on Biophysical Technology in Dentistry (ICoBTD) 2020 at the Claro Hotel, Makassar, on Wednesday (19/02). On this occasion, the Chairperson of the Indonesian Dentistry Council (Prof. drg. Armasastra Bahar, Ph.D.), Chair of the Indonesian Faculty of Dentistry Association (represented by the Dean of The Faculty of Dentistry of Universitas Trisakti, Prof. Dr. Tri. Erri Astoeti, M.Kes), and 26 main speakers various institutions attended the event. At this scientific meeting, more than 180 papers were received by the committee. While there were almost 900 participants registered. In addition, this event was also established with exhibitions from 54 dental equipment companies from all over Indonesia.

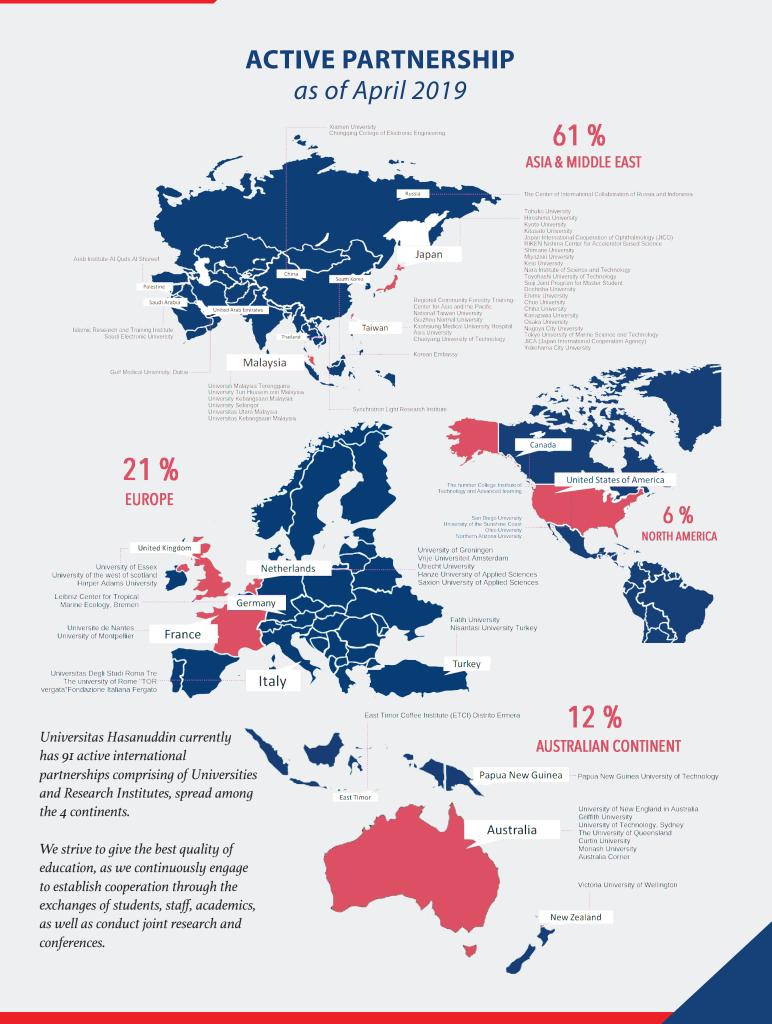
The chairperson of the 11th TIIKG Committee, drg. Acing Habibie Mude, Ph.D. reported that the meeting is a routine activity every two years. It means that it has been two decades that international dental scientists meet regularly. Dean of The Faculty of Dentistry of Unhas, drg. Muhammad Ruslin., M. Kes., Ph.D., Sp.BM (K) in his remarks stated that the 11th TIIKG and The 3rd ICoBTD were the major missions of the Faculty of Dentistry in supporting Unhas to become World Class University. The Faculty of Dentistry of Unhas needs to take massive digitalization in response to the industrial revolution 4.0.

The Rector of Unhas, Prof. Dr. Dwia Aries Tina Pulubuhu, M.A gave a warm welcome to all presenters and participants. Prof. Dwia said that Unhas is one of the higher institutions in Indonesia which also has a role in increasing competitiveness in the global economy.

After the opening ceremony, the launching of two textbooks was published by the Dental Education Institute (IPDG), namely:

I. Public Dental Health, with contributors drg. Ayub Irmadani Anwar, M.MedEd

2. Oral and Maxillofacial Surgery, Theory and Practice. Editor: drg. Muhammad Ruslin, M. Kes, Ph.D., SpBM (K) and drg. Wiwiek Pudjiastoeti, M.Kes, SpBM, with contributors from the Indonesian Dentistry Education Institution.



FACULTY & **STUDY PROGRAM**

Universitas Hasanuddin consists of 15 Faculties covering wide varieties of majors in natural sciences, social sciences, engineering and many others.

- Faculty of Agriculture
- Faculty of Social & Political Sciences
- Faculty of Cultural Sciences
- Faculty of Mathematics & Natural Sciences
- Faculty of Economics & Business
- Faculty of Medicine
- Faculty of Law
- Faculty of Pharmacy
- Faculty of Dentistry
- Faculty of Forestry
- Faculty of Engineering
- Faculty of Animal Husbandry
- Faculty of Marine Sciences & Fisheries
- Faculty of Public Health
- Faculty of Nursing

Postgraduate Program at Unhas offers doctoral & master programs in wide range of majors including Health Sciences, Natural Science, Engineering and many others. Faculty of Postgraduate consists of 50 master study programs and 17 doctoral programs. The following lists are the master study program available at Unhas:

- Agricultural system
- Regional Planning and Development
- Environment management
- Resources economics
- Linguistics

- Economics Dev & Planning
- Dev. Administration
- Legal Science
- Agribusiness
- Chemistry
- Indonesian Language
- Urban Management
- Communication
- Bio Medic Science
- Sociology
- Financial Management
- Public Health
- Anthropology
- Gender and Development
- Master of Management
- Mechanical Engineering
- Civil Engineering
- Medical Specialist
- Pharmacy
- Master of Regional Finance
- Electrical Engineering
- Infrastructure Planning
- Transportation
- Agrotechnology
- Rural Planning & Dev.
- Agroindustry
- Geophysics
- Geology
- Marine Science
- Architecture
- Fisheries Science
- Accounting
- Mathematics

- Notary Affairs
- Forestry Science
- Food Science & Tech
- Agricultural Engineering
- Livestock Tech. & Science
- Plant PEST & Disease
- Nursing Science
- Political Science
- Midwifery
- Physics
- Biology
- English Language

The following lists are the doctorals available at Unhas :

- Agricultural Science
- Medical Science
- Linguistics
- Legal Science
- Economics
- Chemistry
- Civil Engineering
- Public Administration
- Public Health
- Anthropology
- Fisheries Science
- Architecture
- Mechanical Engineering
- Environmental & Geology
- Electrical Engineering
- Communication Science
- Pharmacy

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