



## THE ORIGIN OF THE DISCOVERY OF DENISOVAN DNA BY UNHAS RESEARCH TEAM, CHANGING THE THEORY OF EVOLUTION

The International Research Team found Denisovan DNA in ancient human skeletons at the pre-historic site of Leang Paningnge, Mallawa District, Maros Regency. This research that changed the history of human evolution gained global attention after its scientific article was published in the most prestigious academic journal, *Nature*, August 25, 2021 edition.

Prof. Dr. Akin Duli, MA explained at a press conference, Tuesday (31/08) through the zoom meeting platform, at 10.00 WITA, the origin of the discovery. He and some Unhas researchers, including Prof. Dr. Dwia Aries Tina Pulubuhu, MA, were listed among 28 authors of the *Nature* article entitled: Genome of middle Holocene hunter-gatherer from Wallacea.

"The story began in 2015 when I and a research team from the Department of Archeology Unhas conducted excavations at a prehistoric site in Mallawa. We found an ancient human skeleton in the form of a skull. We studied the skull, but due to technological limitations including costs, for two years we found little archaeological information," said Prof. Akin Duli. At that time, understanding of the framework was limited to

gender, namely female, and aged between 17 or 18 years. This was based on an analysis of the skeleton of the skull, specifically on the back teeth.

In 2017, Prof. Akin and his team also involved international researchers from Griffith University, Australia. More interesting things were obtained so that they were developed to carry out DNA analysis of the skeleton. In addition, the Max Planck Institute of Germany was involved. It is known for having the best technology in DNA analysis.

"The skeleton contains DNA that is different from the DNA of ancient humans, which we have understood so far as the origin of humans in the territory of Indonesia. Science says Indonesian people come from two origins, namely Africa and Taiwan. Denivason's DNA findings proved that there was a third origin. This is the next research agenda," said Prof. Akin Duli.

source: [www.unhas.ac.id](http://www.unhas.ac.id)

## UNHAS AND SHANGHAI OCEAN UNIVERSITY COLLABORATE IN THE FIELD OF MARINE FISHERIES RESOURCES



Universitas Hasanuddin through the Faculty of Marine and Fisheries Sciences (FIKP) agreed to cooperate with Shanghai Ocean University in the field of Marine Fisheries Resources Conservation. This agreement was stated in the signing of a cooperation agreement between the Dean of FIKP Unhas (Dr. Ir. St. Aisjah Farhum, M.Si) and the Vice President of Shanghai Ocean University (Min Jiang). The signing took place at 14.00 WITA online via the Zoom Meeting application, Friday (27/08).

Min Jiang expressed his warm welcome for the collaboration of the two parties. He said that China and Indonesia have good relations in various fields. Unhas is one of the Indonesian universities with various advantages and achievements. He hoped that the collaboration will provide benefits for both parties.

On the same occasion, Unhas rector Prof. Dr. Dwia Aries Tina Pulubuhu, MA., expressed her gratitude for the trust given. He said Unhas continues to make efforts to improve the quality both nationally and internationally to encourage the quality of graduates. Broadly speaking, the collaboration was related to the utilization and

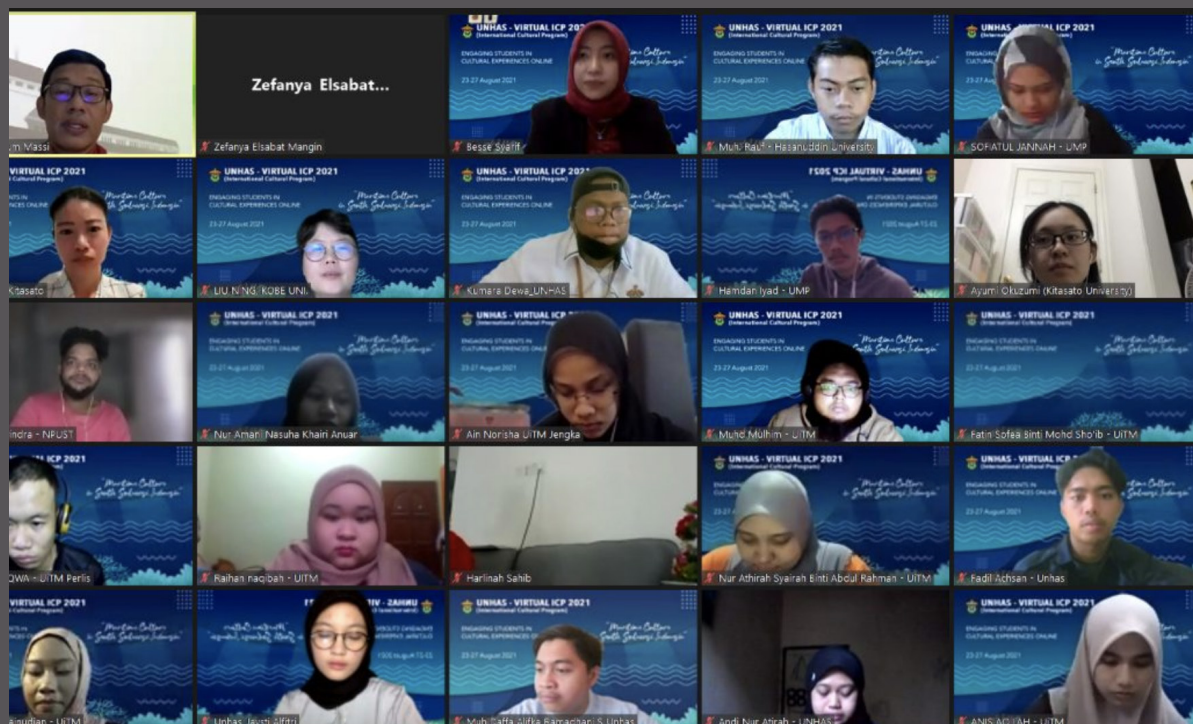
development of fishery resources, the proliferation, and conservation of fishery resources, as well as the exchange and development of talents of students and researchers.

Through this collaboration, it is hoped that several products will be produced, such as appropriate utilization and management schemes for economically important fish species, developing a series of artificial reef technology schemes that can be popularized and demonstrated.

In addition, they jointly applied for up to five patents and published seven academic papers, develop many innovative talents and 50 professional and technical talents, and jointly establish a marine fisheries resource conservation research center.

source: [www.unhas.ac.id](http://www.unhas.ac.id)

## INTERNATIONAL CULTURAL PROGRAM (ICP) UNHAS 2021 ATTENDED BY PARTICIPANTS FROM 15 COUNTRIES



Universitas Hasanuddin through the Office of International Affairs held the International Culture Program (ICP) in 2021 with the theme "Maritime Culture in South Sulawesi, Indonesia". The opening of the activity took place from 08.00 WITA virtually through the Zoom meeting application, Monday (23/08) Center Indonesia Time.

The event was officially opened by the Vice-Rector for Research, Innovation, and Partnership of Unhas, Prof. dr. Moh. Nasrum Massi, Sp.MK, Ph.D. In his speech, he appreciated the event even though it was held virtually. He also welcomed all the enthusiastic participants who attended the ICP Unhas 2021.

"In ICP 2021, participants will get a new insight and knowledge by studying the culture of the people of South Sulawesi. This year, the unique culture and natural beauty of Tana Toraja will be introduced," explained Prof. Nasrum.

Furthermore, Prof. Nasrum said that although the introduction of the South Sulawesi culture was given virtually, hopefully, the participants would still feel and enjoy the cultural attraction of the people in South Sulawesi.

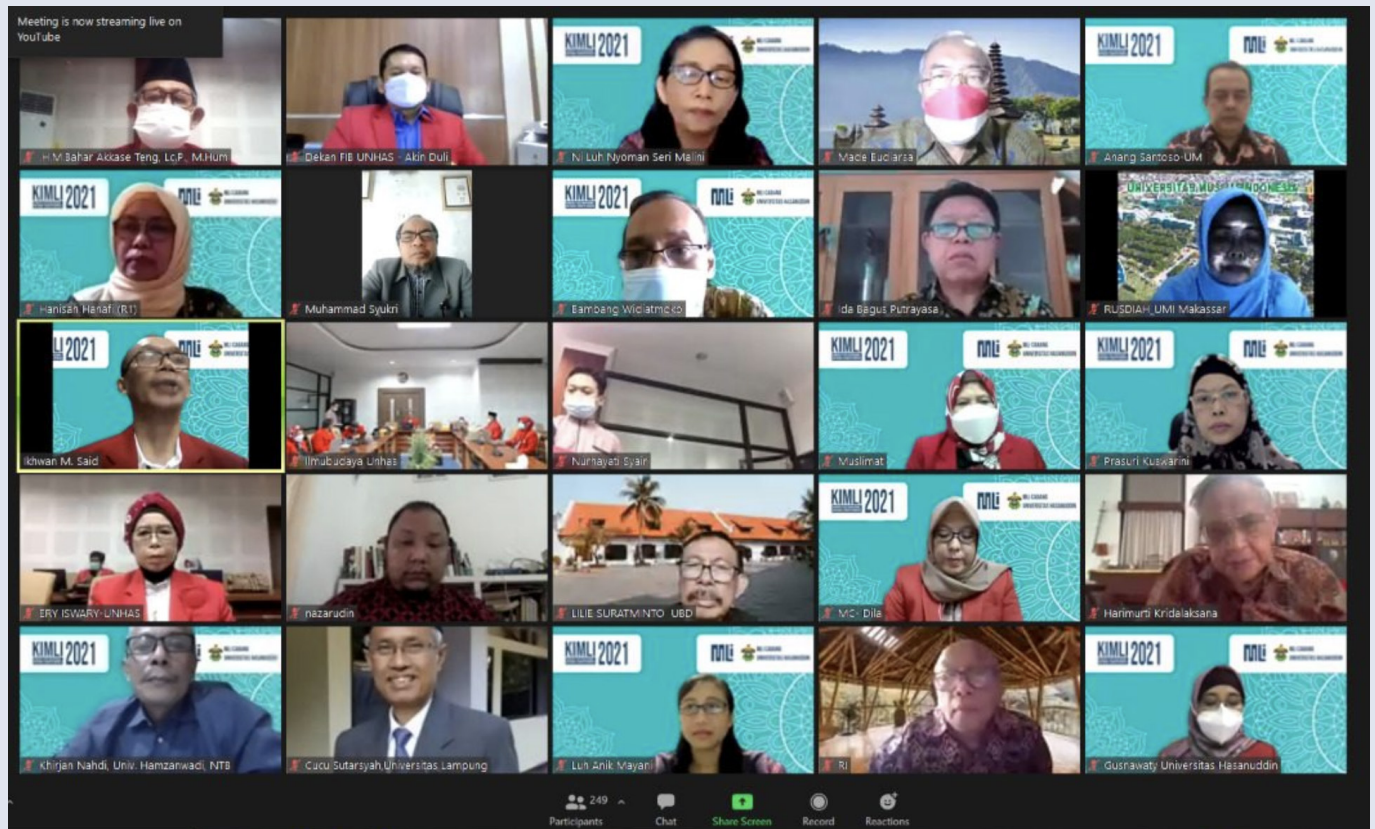
After the official remarks, the event was continued with the introduction of the Unhas Campus by the Unhas Partnership Director, Dr. Mahatma, S.T., M.Sc. In his presentation, he explained the achievements, facilities, and infrastructure as well as academic development of Unhas which has 15 Faculties and Postgraduate Schools.

This year, 175 participants came from 15 countries; Saudi Arabia, Australia, Philippines, Japan, South Korea, Malaysia, Morocco, Egypt, Nigeria, Pakistan, Palestine, Singapore, Sudan, Taiwan, and Yemen.

source: [www.unhas.ac.id](http://www.unhas.ac.id)



## UNHAS HOSTS INTERNATIONAL CONGRESS OF INDONESIAN LINGUISTIC SOCIETY 2021



Hasanuddin University hosts the 2021 International Congress of the Indonesian Linguistic Society (KIMLI). The event was held virtually through the Zoom Meeting application, starting at 09.00 Central Indonesia time, on Wednesday (18/08). The International Congress of the Indonesian Linguistic Society has been held by the Indonesian Linguistic Society (MLI) since 1975. This congress involves linguistic experts from various institutions in Indonesia. This congress aims to advance linguistic scientific research, both in theory and its application to other related fields of study.

The chairman of the KIMLI 2020 Committee, Dr. Ikhwan M.Said, M.Hum said that this year, Unhas was trusted to be the host after more than 30 years. KIMLI 2021 was expected to be held in 2020. However, due to the Covid-19 pandemic, the activities which are held every 2 years have to be postponed to 2021. The chairman of the Indonesian Linguistic Society, Dr. Luh Anik Mayani, in her speech explained that the pandemic situation had changed the tradition of implementing KIMLI. This is the first time KIMLI has been conducted online.

"This proves that KIMLI continues to run dynamically in following the challenges and opportunities of digitalization

in the era of the Covid-19 pandemic," explained Dr. Luh Anik. Furthermore, Dr. Luh Anik hopes that KIMLI 2021 will increase research in the field of linguistics for the progress of Indonesia through linguistic studies. She also hopes that KIMLI will make language the strength of the Indonesian nation, which has a wealth of 46 regional languages.

KIMLI 2021 was officially opened by the Vice-Rector for Research, Innovation, and Partnerships, Prof. dr. Nasrum Massi, Ph.D., who represented the Rector of Unhas. In his speech, Prof. Nasrum expressed his gratitude for the respect and trust in Unhas as the host of KIMLI 2021.

Previously, Unhas was the host of KIMLI in 1988 or 30 years ago. Prof. Nasrum added that KIMLI is a meeting place for experts related to linguistic issues. Language is an important element in the life of a nation and state because it is an adhesive factor in multicultural life. He hopes that KIMLI 2021 can run smoothly according to the scheduled agenda.

source: [www.unhas.ac.id](http://www.unhas.ac.id)

## FIVE STUDENTS OF THE FACULTY OF PHARMACY UNHAS RECEIVED GERMAN DAAD SCHOLARSHIP



Five students of the Faculty of Pharmacy, Universitas Hasanuddin, were awarded the German DAAD (Deutscher Akademischer Austauschdienst) scholarship. Scholarship announcements took place last June. DAAD is a scholarship from the German Academic Exchange Service, one of the prestigious scholarships for Indonesian and international students. It is one of the top 10 international scholarships for studying abroad, competing with the Chevening, Fullbright, and Australian awards.

Through an interview on Thursday (26/08), Ardiyah Nurul Fitri Marzaman (one of the scholarship recipients) said "In the process of file preparation until registration, we were guided by the DAAD coordinator of the Faculty of Pharmacy as well as the Vice Dean for Academic, Research,

and Innovation, Prof. Dr. rer. net. Marianti A. Manggau, Apt." Ardiyah said,"

As a recipient of a DAAD scholarship, Ardiyah hoped to pave the way for serving the world of research and education. This opportunity provides an opportunity to gain new knowledge and experience, which in the future can lead to greater research. Ardiyah also hoped to obtain networks from various countries.

Representing the Faculty, the Vice Dean for Academic Affairs, Research and Innovation Prof. Marianti Apt., explained that this scholarship program helps in the process of internationalization of the faculty.

With the help of a committee appointed by the Dean of the Faculty of Pharmacy and discussions with the DAAD, the proposal from the Faculty of Pharmacy was accepted and received a grant as the host institution for the DAAD scholarship.

The students who will be funded are 7 ASEAN students such as Malaysia, Thailand, Timor Leste, Laos, the Philippines, and Vietnam.

However, due to the pandemic and the short promotion time, there were no registrants from ASEAN countries, so further discussions were held with DAAD, finally, DAAD allowed the program in the first year without foreign students with a total of 6 recipients from Indonesia.

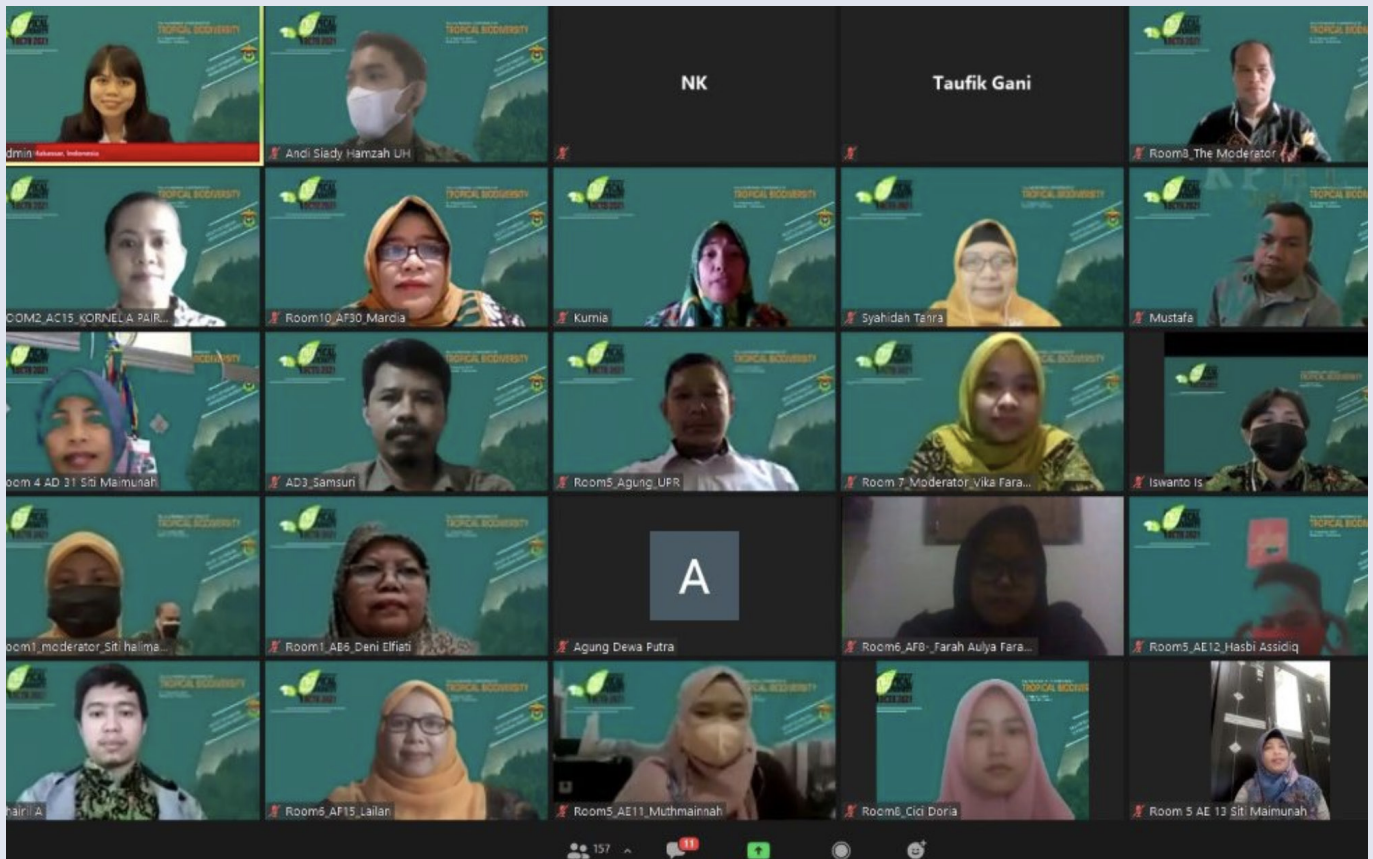
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### UNHAS NEWS UPDATE TEAM

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Nur Fadhillah  
Muhammad Reza Syamsuri  
Hartina Mahardika  
Kumara Tungga Dewa

Muhammad Nasrum Massi  
Nur Arifah  
Hidayatullah Yunus  
Marningsih  
Khaerunnisa Muhiro  
Muhammad Imam Wahyuddin  
Nasrah S

## FACULTY OF FORESTRY OF UNIVERSITAS HASANUDDIN ESTABLISHED THE 2ND BIENNIAL CONFERENCE OF TROPICAL BIODIVERSITY



Faculty of Forestry, Universitas Hasanuddin, conducted an international conference entitled “The 2nd Biennial Conference of Tropical Biodiversity”. The conference themed “Managing Challenges in Biodiversity Conservation During The Pandemic to Achieve Sustainable Development Goals for Better Environment” took place virtually on Zoom meeting application at 08.30 WITA on Wednesday (4/8).

Several international experts have invited; Prof. Erin P. Riley, Ph.D. (Department of Anthropology, San Diego State University, USA), Prof. Enrico Bonello, Dr. Ida Adju Pradnja Resosudarmo (Environment Policy, Australia National University), Dr. Doan Nainggolan, Ph.D. (Environment Economic Science, Aarhus University, Denmark), and Prof. Dr. Supratman, S.Hut., MP (Forest Management, Universitas Hasanuddin, Indonesia).

To begin with, the Dean of Faculty of Forestry, Dr. A. Mujetahid, S.Hut., MP., hoped that the conference could positively contribute to many aspects of life, especially in

forestry development and management. Furthermore, as a medium of science development in biodiversity.

Prof. Erin P. Riley, Ph.D. (Department of Anthropology, San Diego State University, USA), presented his topic of “Implications of an Emerging Human-Primate Interface in Sulawesi, Indonesia”. Moreover, Prof. Riley discussed how primates are affected by human presence and activities such as hunting. In addition, he also examined the encounters and interactions between humans and primates that live nearby.

Prof. Dr. Supratman, S.Hut., MP (Forest Management, Hasanuddin University, Indonesia) presented a topic of “Biodiversity and Utilization: Science, Technology and Economic,” which generally discussed the impact of Covid-19 on science, technology, and economy in the global level.

source: [www.unhas.ac.id](http://www.unhas.ac.id)



## FACULTY OF DENTISTRY UNHAS HOLDS A WORKSHOP ON CLEFT LIP SURGERY IN INDONESIA AND JAPAN



Universitas Hasanuddin, through the Faculty of Dentistry (FKG Unhas) and 3 University members of JAPAN (Asia Pacific Advanced Network), established a webinar on "Recent Updates of Orofacial Cleft Surgeries in Indonesia and Japan". The activity was conducted online on the Zoom Meeting application at 09.00 WITA on Thursday (05/08). Four speakers were invited to share their knowledge; Dr. Takeshi Mitsuyasu, DDS., Ph.D. (Kyushu University, Japan), Prof. drg. R.M. Coen Pramono D. SU., Sp.BMM (K) (University Airlangga, Indonesia), drg. M. Gazali, MARS., Sp.BM (K) (Universitas Hasanuddin, Indonesia) and drg. Dwi Ariawan, MARS., Sp.BM (Universitas Indonesia).

drg. Gazali was the first speaker discussing "Cleft Palate Repair and Speech Management in Sulawesi, Indonesia". International data records that between 2002 and 2006, cleft lip and palate cases averaged 8 per 10,000 births worldwide. Meanwhile, for the Asian level, the birth rate with cleft lip and palate

is the highest in Japan (2.1:1000). The Indonesian Basic Health Research in 2018 shows that the national prevalence of cleft lip and palate was 0.12%.

Furthermore, drg. Gazali added that a management concept was set in 2020 based on the National Guidelines for Medical Services (PNPK) for cleft lip and palate FKG Unhas with the support of the Celebes Cleft Center Foundation. The goal is to become a comprehensive service center for Cleft Lip and Cleft palate sufferers in Sulawesi and Eastern Indonesia. Although not optimal, efforts to treat speech therapy in patients who have undergone surgery have been carried out as part of the cleft palate program in Sulawesi.

source: [www.unhas.ac.id](http://www.unhas.ac.id)

## FACULTY OF PUBLIC HEALTH, UNIVERSITAS HASANUDDIN, COLLABORATES WITH YONSEI UNIVERSITY OF KOREA FOR THE DEVELOPMENT OF TRIDHARMA (THE THREE PILLARS OF HIGHER EDUCATION)



The Faculty of Public Health (FKM) of Universitas Hasanuddin agreed to cooperate with Yonsei University of Korea to develop the three pillars of higher education.

The agreement was stated in the signing of a Memorandum of Understanding (MoU) between the Director of Yonsei Global Health Center (Prof. Eun Woo Nam) and the Dean of FKM Unhas (Dr. Aminuddin Syam, SKM, M.Kes., M.Med.Ed). The activity was conducted virtually through the zoom meeting application on Monday (02/08).

Prof. Eun Woo Nam, as the Director of Yonsei Global Health Center, explained that there are at least three benefits of this collaboration; Building a system of cooperation, Exchanging academics, and Contributing to the development of the global health sector.

On the same occasion, the Dean of FKM Unhas, Dr. Aminuddin, warmly welcomed the cooperation. He

hopes that FKM Unhas can be a good partner and pave the way for the development of the Center for the Indonesian Healthy City Studies and the Nutrition Study Center. In the future, he said the collaboration could develop in a new study center by the demands and needs of the community.

The Director of the Center for Indonesian Healthy Cities Studies of FKM Unhas, Prof. Sukri Palutturi, SKM, M.Kes., MSc.PH, Ph.D., added that Prof. Nam is a senior lecturer at Yonsei University, South Korea, and has made significant contributions to developing healthy cities in South Korea and other countries in the Western Pacific Region. Hence, the parties will further strengthen collaboration from both parties in various other aspects in the future.

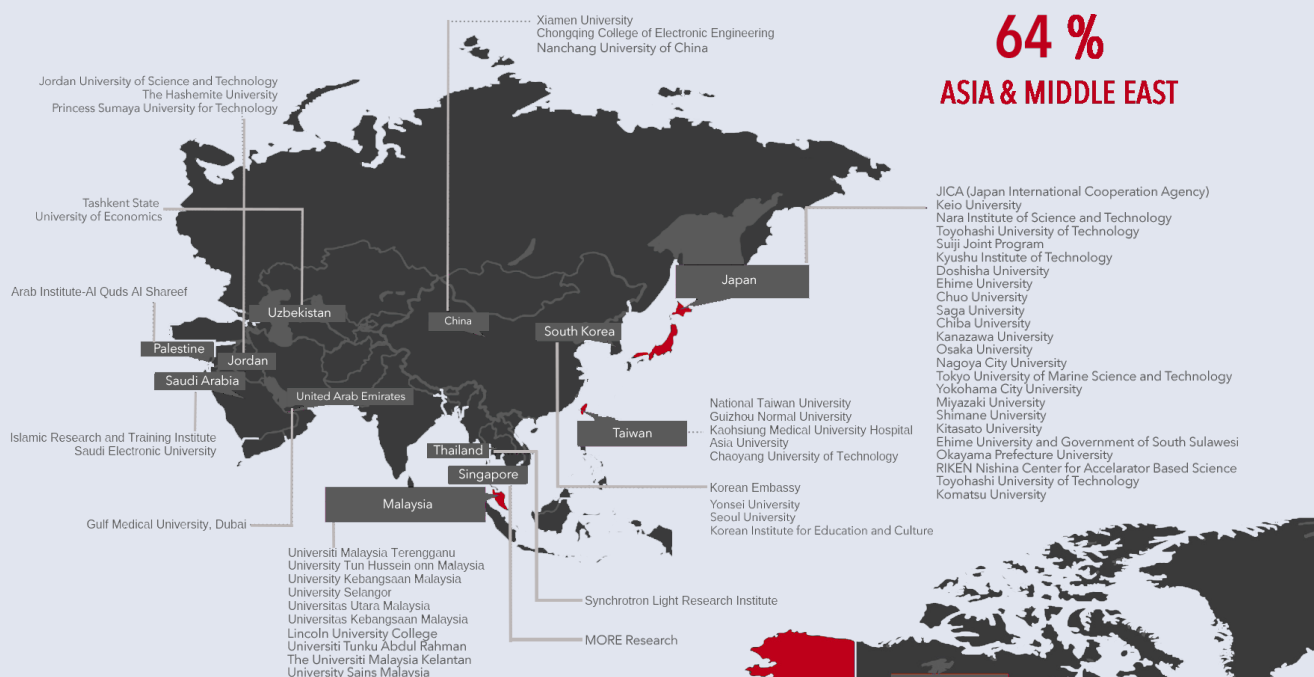
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## ACTIVE PARTNERSHIP as of February 2021

64 %

ASIA &amp; MIDDLE EAST

21 %  
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University of Essex  
University of The West of Scotland  
University of Leeds  
Liverpool School of Tropical Medicine

Leibniz Center for Tropical  
Marine Ecology, Bremen  
Universite de Nantes  
University of Montpellier  
Institut Francais Indonesia

Universitas Degli Studi Roma Tre  
The University of Rome «TOR Vergata»

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Germany

France

Italy

University of Groningen  
Vrije Universiteit Amsterdam  
Utrecht University  
Hanze University of Applied Sciences  
Saxion University of Applied Sciences  
Erasmus University Medical Center

Nisantasi University Turkey

Turkey

The Humber College Institute of  
Technology and Advanced Learning

San Diego University  
University of the Sunshine Coast  
Ohio University  
Northern Arizona University  
University of Rhode Island

7 %

NORTH AMERICA

8 %

AUSTRALIAN CONTINENT

Universitas Hasanuddin currently has 85 active international partnerships comprising of Universities and Research Institutes, spread among the 4 continents.

We strive to give the best quality of education, as we continuously engage to establish cooperation through the exchanges of students, staff, academics, as well as conduct joint research and conferences.



Australia

University of New England in Australia  
Griffith University  
University of Technology, Sydney  
The University of Queensland  
Curtin University  
Monash University  
RISE

## 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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