FACULTY OF VETERINARY MEDICINE IN INDONESIA: PERSPECTIVE AND FUTURE CHALLENGES

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17,000 islands. Continent: 1,9 m Km²;
Population: 264 million. 3,000 ethnic groups.
BACKGROUND

- Population: 264 million people, number of veterinarians: + 60,000, now: + 20,000 veterinarians

- Demand for veterinarians is growing as development of breeding and raising livestock, poultry, and fish for food security.

- Disease control programs especially for transmissible diseases and zoonosis is also contributing to the need for more veterinary professionals.
Veterinary School in Indonesia

- Syiah Kuala University,
- Bogor Agricultural University,
- Universitas Gadjah Mada,
- Airlangga University,
- Udayana University,
- Hasannudin University,
- Nusa Cendana University,
- Brawijaya University,
- Wijaya Kusuma University,
- Nusa Tenggara Barat University,
- Universitas Padjajaran
Motto:

"MANUSYA MRIGA SATWA SEWAKA"

Healthy animals will provide welfare for all human beings
History Association of Indonesian Veterinary Schools

- It was established in February 18th, 2010 in Surabaya.
- 8 Faculty of Veterinary School: UGM, IPB, UNAIR, UNSYIAH, UB, Wijaya Kusuma, UND and Univ Nusa Tenggara Barat.
- President: Prof. Dr. drh. Bambang Sumiarto, SU, MSc.
- 2011: Indonesian Vet school was growing up to 11 (2 of vet school was private).
- The meeting was running quarter/year, with the turn location.
- President: Prof. drh. Srihadi Agunngpriyono, MSc, Ph.D.
- Secretary: Prof. Dr. drh. Siti Isrina Oktavia Salasia.
Curriculum Study

- Bachelor: 144-160 credit/8 semester
- Followed by veterinary profession program: 36-40 credit/3 semester
- Methods teaching and learning: regular class, consist of 40-50 students
- Practical skill in Laboratory was given after teaching class (1 credit)
- National Board: one day after inauguration, by The Indonesian Veterinary Medicine Association
Services Community

- Holidays (Iedul Adha):
  - Aims:
    - Workshop: how to slaughter of lamb and cattle based on animal welfare
    - how to manage of meet
    - Physical examination ante and post mortem
    - How to manage waste product
    - Supporting treatment for livestock in earthquake area in Lombok island and Palu
UGM
koas
Gembira
Loka
International symposium in Veterinary Science

- It has been held on Feb 28, 2018 in Yogyakarta, yearly
- In Conjunction between Association of Indonesian Veterinary Schools and JSVS, SNU
- Beside International Symposium, student and teacher exchange has been running intensively
Continue……

0 Improvement of Academic Quality
0 Open collaboration for junior staff exchange program and pursue their Ph.D study
0 To establish Association of Japan-Indonesia Veterinary Education (AJIVE)
0 Empowering of Indonesian people/farmer
Newest Activity of Indonesian Veterinary school

- FGD: 6-7 November 2018, in Bogor
- Attendees:
  - Dean from 11 faculty of Vet Med
  - President of Association of Indonesian Veterinary Schools
  - President of Indonesian Veterinary Association
  - Legal expert

**Aims:**

1. to apply the government regulation regarding veterinary education
University of Syiah Kuala

- One Health Collaboration Center (OHCC)
University of Hasanuddin

- Study program of Faculty of Medicine
- Under supervision of Bogor Agricultural University
- It was established in 2010
- ± 50-60 students/year
- Research focus: Zoonotic diseases
BOGOR AGRICULTURAL UNIVERSITY
Bogor Agricultural University

- Quality Assurance: SAR-AUN (Asean University Network)
- National Accreditation: BAN PT
- Regular and International students

- Conduct various excellent Continuing Professional Development (CPD)
- Collaboration with Japan: 1. student and lecturer exchange program; 2. prevention and control of zoonotic and vector borne viral diseases
Bogor Agricultural University

1. Have 3 Department
2. Teaching and learning method process adopted by National and The International standard, as well as to achieve the OIE Day-1 graduate competency
3. Clinical rotation: surgery, radiology, internal medicine, clinical pathology, laboratory diagnostic and hospital management
Facilities

- Teaching Animal Hospital” which is the prominent animal hospital in South East Asia equipped with the state-of-the-art and complete facilities.
- Fourth-floor building in the area of 18,000 m².
- Reproductive Rehabilitation Unit (URR).
- Vaccine and Biology Material Production Unit.
- Animal Laboratory Unit.
- Meat Assurance Unit.
- Integrated Laboratory Unit.
Universitas Padjadjaran

- Study program of Veterinary Medicine
- Established in January 2016
- Under supervision of Bogor Agricultural Univer
- +60 students/year
- Research focus: Zoonotic diseases and Ecohealth
Universitas Gadjah Mada

- It was established on 20th September, 1946, located in Yogyakarta
- National Accreditation: BAN-PT
- International Accreditation: ASIIN (in progress)
- International certified: SAR-AUN
- Students: 1315 (54 International students)
- Donate: 5500 veterinarians
UGM has designed special curriculum:

- Focus Group Discussion after 3 times of teaching class; SCL+ STAR (harmonious relationship and mutual feedback learning between student and lecturer), integrated study
- A mandatory community services program: 3 credit
- 5500 veterinarians
Collaboration

- Inastent project
- Cathlab from PT Philips
- Collaboration among engineer, dentistry veterinarians and Factory
University of Airlangga

- It was established in 1969, in Malang
- National accreditation: BAN-PT
- International accreditation: ASIIN (in progress)
- Certified by the IKTIRAF, Malaysia, SAR-AUN (Asean university Network)
- It has 2 class: Regular and International Class
Continued Unair..........

- Research focus: 1. Biomedical Science; 2. reproductive science; 3. nutrition and animal science; 4. One Health; 5. Clinical sciences
- FoVM Unair has BSL3
- Tropical Disease Institute (Leading center of Science and Technology)
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- Community services:
  - Taman Safari2: harmonization between society by one health approach
  - Banyuwangi: goat and sheep development
  - Trenggalek: Livestock health services to the community

- Japan Collaboration: Miyasaki, Yamaguchi and Kagoshima university
Wijaya Kusuma Surabaya University

- Private University
- It was established 2010
- Register in the Association of Indonesian Veterinary Schools (AFKHI) in 2012
- National accreditation: BAN-PT
- Student per year: 120
- Clinical rotation: Universitas Gadjah Mada (part of)
Brawijaya University

- It was established in 2008, then extension in 2010 with 2 program Bachelor of Veterinary Medicine (B.Vsc) and Doctor of Veterinary Medicine
- It consist of 147 credit; clinical rotation: 38 credit
- It has 30 lecturer master and Ph.D
- Collaboration activity: National Pingtung Univ, Taiwan, Tarlac Agricultural Univ (Philippines), International Organization: SEAVSA, AAVS, AVMA
- National Accreditation: BAN-PT
Brawijaya University

- BREVET BASIC VETERINARY OPHTHALMOLOGY
- 16-20 July 2018
- Prof. Naoaki Takiyama, DVM, PhD., (Nihon Univ) and Yoshiki Itoh, DVM, PhD (Yamaguchi univ)
- 28 veterinarians participated
- To be continued by the advanced
Brawijaya University
Udayana University

- It was established in 1997
- Since 2010 has organized Master program
- National Accreditation: BAN-PT
- Certified: SAR-AUN
- Research Focus: Development of Bali cattle, Kintamani dog, free area for Rabies
Nusa Tengara Barat University

- Established in 2001
- National accreditation: BAN-PT
- Veterinary teaching hospital (in process)
- Research Collaboration: Japan Animal Trust (Osaka-Japan)
- Community services: Governance Program, Bumi sejuta sapi, and Pijar
University of Nusa Cendana

- It was established in 2010 as a study program, then 2013 upgraded to the Faculty
- **Background**: high animal diseases in NTT provience, central area for cattle and horses, urgent need for veterinary
- National accreditation: BAN-PT
Focus and Strategy of Research

- Zoonotic diseases: Anthrax and Rabies
- Infectious tropical animal diseases: cattle and pigs
- USAID: Anbiocore. Consortium conducting research on animal bio reproduction
- Antimicrobial resistance
- Lack of wildlife knowledge so that....
Thank you for listening

Greeting from INDONESIA