



CHINA-AFRICA UNIVERSITIES
20+20 COOPERATION PROJECT
(Modern Agricultural Technology-Animal Science)

PROGRAM
BOOKLET

Yangzhou University
College of Animal Science & Technology
19/11/2017-09/12/2017

Brief Introduction of the College of Animal Science and Technology, Yangzhou University

October, 2017

The College of Animal Science and Technology (CAST) was founded in 2004, but its history can be traced back to as early as 1902, when Zhang Jian, the famous industrialist and educator in modern China, established the private Tongzhou Normal School. Under the guidance of such pioneer scientist in Animal Husbandry and Veterinary Science as Fen Huanwen and Zhang Zhao, with the efforts of several generations, the comprehensive strength of the college has been improved greatly, and the CAST now ranks among the best colleges in the same field in China.

At present, CAST has 101 faculty members. Among the full-time teaching staff, 33 are professors, 25 are associate professors, including 24 PhD student supervisors and 62 master student supervisors. 100% of the full-time teachers under 45 years old have a doctorate degree. Some teachers are recipients of Special Government Grants, the winners of the National Excellent Doctoral Dissertation, the trainees of the 333 Project of Jiangsu Province, the academic leaders of Young Talent Project, the outstanding young teachers, or the excellent scientific and technological workers of Jiangsu Province. Still, some teachers are awarded such honorary titles as the National Meritorious Female Pacesetters, “Chinese Moving China” Technological Innovation Leaders of Animal Husbandry and Veterinary Science, Advanced Workers of Jiangsu Province, Outstanding Communist Party Members in Jiangsu Province, and May Day Female Model of Jiangsu Province.

CAST has key disciplines at different levels. It has one state level-I key discipline in animal husbandry, and one state level-I key discipline in pratacultural science, which are authorized to offer doctor’s degree, and each state level-I key discipline has a postdoctoral circulation station. Animal husbandry is the level-I key discipline of Jiangsu province and in the list of the Priority Academic Program Development of Jiangsu Higher Education Institutions (first and second stage); which consists of four second-level doctor’s and master’s programs, covering Animal

Genetics & Breeding, Animal Nutrition & Feed Science, Science of Raising Special Economic Animals, and Animal Products Safety Production & Processing Engineering, and one professional master's program of Agriculture Extension (Animal Breeding and Aquaculture Science). Among them, animal Genetics & Breeding is listed as key discipline at both national (nurturing project) and provincial level. Pratacultural science is also the provincial level key discipline, comprising four second-level doctor's and master's programs, covering Forage Science and Plant-eating Animal Production, Grass Germplasm Resources Evaluation and Utilization, Grassland Landscape Plant and Utilization, and Herbage Industry Machinery and Automation. At university level, Aquaculture Science has been selected as the key discipline. Besides, the College has been approved a national level off-campus practical skills training base for students—talents training base through agricultural science and education cooperation between Yangzhou University and Jiangsu Lihua Animal Husbandry Co., LTD. It has established a Key Lab of Animal Genetics & Breeding & Molecular Design of Jiangsu Province, a Postgraduate Training Demonstration Base of Production, Teaching & Academy of Jiangsu Province, and several Teaching and Research Platforms such as Jiangsu Province Practical Education Center for Modern Animal Husbandry and the Trial Institution of the Ministry of Agriculture for Forage & Forage Additive Validity. Also have been set up are four Research Institutes: Institute of Bee Products, Research Center of Rabbitry, Institute of Pratacultural Science, Research Center of Animal Nutrition & Feed, and several bases for scientific research and transference of research achievements into industries: Feed Mills, Experimental Apiary, Aquatic Greenhouse, Breed Conservation Field of New Yangzhou Chickens and Grassland Field.

CAST has a consistent focus on scientific research, technical service and international exchange. So far, it has won over 200 grants from different sources, including such national natural funds as 863 and 973 Hi-tech Projects. Annual overall research funds of the college amount to more than 30 million RMB, and budgets for ongoing projects add up to over 80 million RMB. A series of innovative, landmark achievements have been made in Molecular Marking & Animal Breeding, Evaluation, Protection & Utilization of Animal Genetic Resources, Quantitative Genetics & Animal Breeding, Biological Engineering of Embryos and Animal Genetics

Engineering. The popularization and application of Yangzhou geese, Jinhai yellow chickens, Sujiang pigs, livestock feed, honeybee product, etc. have obtained remarkable social and economic benefits. More than 30 achievements won the Provincial Science and Technology Award, five of which won the first prize of Nature Science for the Ministry of Education, the first prize of the Agriculture Science and Technology Progress for the Ministry of Education, the first prize of the Science and Technology Progress for the Ministry of Agriculture, the first prize of Science and Technology for Jiangsu Province and the first prize of Science and Technology Progress for commercial federation, respectively. CAST has also extensively collaborated with foreign research institutes in USA, Japan, Germany, Australia, etc. Sponsored by the national and provincial funds for studying abroad as well as the special talents training foundations from Preponderant disciplines, every year, the college sends quite a few undergraduate and postgraduate (doctorate and master) students to visit and exchange in international prestigious colleges and universities. Ever since 2009, the college has cultivated more than 100 overseas students from 11 countries, including Korea, Egypt, Canada, Denmark, Japan and Pakistan.

CAST is composed of three undergraduate majors: animal science, aquaculture science and pratacultural science, among which animal science is honored brand major in Jiangsu Province, and aquaculture brand major in Yangzhou University. Currently there are over 684 full-time undergraduate and postgraduate (doctorate and master) students and over 700 students of continued education

For many years, CAST graduates have become backbones of teaching, scientific research, technology and management owing to their solid theoretical foundation, proficient professional skills and strong adaptive capacity. Many graduates start their own businesses successfully, and have been awarded different honorary titles by various state ministries, such as Ten Outstanding Young Farmers, National Outstanding Young Entrepreneurs, National Young Spark Program Leader Pacesetters, and National College Students Entrepreneurial Employment Models. The college has also been honored by Yangzhou University as Advanced Collective of Graduate Employment for 5 consecutive years and won widespread praise from all walks of life.



2017 China-Africa 20+20 Project Tentative Schedule

(Seminar for Modern Agricultural Technology-Animal Science)

Participants: 5

Duration: Nov.19th-22nd

Date	Time	Place	Activity	人员
11/19			Arrive at Yangzhou	
11/20 (Monday)	AM 10:00-11:30	Conference Hall, First Floor of Nongmu Building, Wenhuilu Campus	Opening Ceremony	Zhangping Yang Miao Lin
	PM 2:30-4:30	Room 206, Buiding 28, Wenhuilu Campus	Seminar: Development of animal husbandry in China	Zhangping Yang Daoqing Gong Hongrong Wang Guobin Chang Yongjiang Mao Tuoyu Geng Mengzhi Wang Miao Lin Yani Zhang
11/21 (Tuesday)	AM 9:30-12:00	Room 206, Buiding 28, Wenhuilu Campus	1.Seminar: Development of animal husbandry in Sudan 2.Closing Ceremony	Daoqing Gong Hongrong Wang Guobin Chang Yongjiang Mao Tuoyu Geng Mengzhi Wang Miao Lin Yani Zhang
11/22	AM		Go to Shanghai and city tour	
	PM		Back to Sudan	

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2017 China-Africa 20+20 Project Tentative Schedule

(Modern Agricultural Technology-Animal Science)

Participants: 20

Duration: Nov.26th-Dec.9th

Date	Time	Activity
11/26		Arrive at Yangzhou
11/27	AM	Opening Ceremony, Program Orientation, Meeting with Teaching Staff and Volunteers Lecture: Knowing about animal husbandry in China and the educational system of animal science (Guohong Chen)
	PM	Lecture: Grassland industry system and its influence on animal husbandry in China (Xuebin Yan)
11/28	AM	Lecture: The situation, protection and utilization of animal genetic resources in China (Zhangping Yang)
	PM	Lecture: Zoonosis and animal products safety (Yuelan Yin)
11/29	AM	Lecture: Research and development of poultry science in China (Guobin Chang)
	PM	Visit Yangzhou Slender West Lake
11/30	AM	Lecture: The status quo and development trend of sheep and goat industry (Yongjun Li)
	PM	Lecture: Animal pluripotent stem cells and transgenesis (Bichun Li)
12/1	AM	Lecture: The protection and usage of pig genetic resource in China (Wenbin Bao)
	PM	Lecture: The protection and utilization of rabbit genetic resources in China (Yang Chen)
12/2	AM	Visit Yangzhou Museum and Block-Printing Museum
	PM	Free time
12/3	AM	Free time
	PM	Free time
12/4	AM	Visit Huanwen Memorial Hall and Bee culture (Miao Lin)
	PM	Animal industry experience: Visit Huaxia dairy farm (Yongjiang Mao)
12/5	AM	Animal industry experience: Visit Qianbaomuye enterprise (Yongjun Li)
	PM	Animal industry experience: Visit Qianbaomuye enterprise (Yongjun Li)
12/6	AM	Research on nutrition of ruminant animal (Hongrong Wang)
	PM	Feedstuff resources and its application in China (Mengzhi Wang)
12/7	AM	Epigenetics and its application (Hengmi Cui)
	PM	Bioinformatics and its application in animal science (Hongyan Sun)
12/8	AM	Closing Ceremony
	PM	Go to Shanghai
12/9	AM	Shanghai city tour
	PM	Back to Sudan

ATTEN: AM (9:30-11:30) PM (2:30-4:30)

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