

STAFF HANDBOOK

Name / Nama	Dr. Jamila, S.Pt., M.Si
Position / Bidang keilmuan	Feed Processing Technology
Academic career / Riwayat Pendidikan	S1 - Bachelor of Animals Science, Faculty of Animal Husbandry - Universitas Hasanuddin (1992-1997) S2 – Magister of Animal Science, Faculty of Animal Science, Universitas Hasanuddin (1997-2000) S3 - Doctor of Animal Science, Postgraduate School, Universitas Hasanuddin (2007-2013)
Employment / Pekerjaan	Lecturer at Faculty of Animal Husbandry, Hasanuddin University
Research and development projects over the last 5 years / Riwayat penelitian 5 tahun terakhir	1. Production of NNI Bali Cattle Breeds through Participatory Breeding in Barru District 2. Study on the Utilization of Microorganisms in Improving the Quality of Forage Silage as Beef Cattle Feed 3. Accelerating the Utilization of Cyber Extension as a Media for Information Dissemination through Strengthening the Capacity of Extension Officers to Meet the Needs of Rural Farmers 4. Strengthening the Capacity of Beef Cattle Farmers through Dissemination of Agricultural and Livestock Waste-Based Technologies 5. Production of Superior Inoculants with Bioprocess Technology, Utilizing Industrial Waste as High Quality Ruminant Feed 6. Development of Teaching Factory (TEFA) Model Integrated Farming System Based on Zero Waste in Barru District, South Sulawesi 7. Increasing Cattle Population in Oil Palm Plantations Using Smart Farming Technology 8. Production of Eggs and Low Cholesterol Poultry Meat by Feeding Fermented Durian Waste in Rations 9. Utilization of Microorganisms from Rumen Fluid as a Starter in Bioprocess Technology for Processing Livestock Manure into Quality Organic Fertilizer
Industry collaborations over the last 5 years / Kolaborasi dengan industry 5 tahun terakhir	-

Patents and proprietary rights / Paten dan HKI	● The process of making rice straw silage and the products it produces ● How to Make Banana Stem Silage ● Analysis of the Development of Rice Straw as Animal Feed ● Making Corn Stubble Silage ● Making Complete Feed Silage ● Making Compost Fertilizer ● Making Bacterial Inoculants ● Making Inoculants of Fungal Liquid Origin ● Module on Cultivation of Forage Crops into Feed Silage
Important publications over the last 5 years / Publikasi penting 5 tahun terakhir	● Phenotype characteristics of Gaga chicken from Sidrap regency, South Sulawesi ● Genetics polymorphisms of INHA in local goat populations in south-west sulawesi region of indonesia ● Genetic Characterization of Lakor and Kacang Goats from The Eastern Part of Indonesia Based on ND2 and ND5 Mitochondrial Gene Genetic Variation ● Karakterisasi Genetik Ayam Lokal Indonesia Berdasarkan Komplit mtDNA Sekuens (Whole mtDNA Genome Sequencing) ● Genetics polymorphisms of INHA in local goat populations in south-west sulawesi region of indonesia ● Indonesian native goats (<i>Capra hircus</i>) reveal highest genetic frequency of mitochondrial DNA haplogroup B in the world. ● Crowing characteristics of native singing chicken breeds in Indonesia ● Identification performance of quantitative traits of Marica goats in Maros and Jeneponto regencies ● A Portable Cattle Tagging Based on Muzzle Pattern ● Production of black soldier flies (<i>Hermetia illucen</i>) maggot to the chicken feces media level ● The nutritional value of black soldier flies (<i>Hermetia illucen</i>) as poultry feed ● Comparison of carcass and non-carcass characteristics of Local and Pekin ducks ● Cytochrome B (Cyt B) mtDNA genetic diversity of the second filial (F2) of Banteng Bali cross in UPT-PTHPT Pucak, South Sulawesi Indonesia ● Geographical contrasts of Y-chromosomal haplogroups from wild and domestic goats reveal ancient

	migrations and recent introgressions (VarGoats Consortium) ● Study of Kosta goat (<i>Capra hircus</i>) mitochondrial DNA and their phylogenetic based on whole genome sequencing ● Growth Traits and Carcass Characteristics of Kalosi Chicken Selected Based on Residual Feed Intake (RFI) Phenotype ● Morphology characteristics comparison of f1 and f2-backcross of local and pekin ducks in Indonesia ● Revealing the complete mtDNA genome sequence of Cemani chicken (<i>Gallus gallus</i>) by using Nanopore sequencing analysis
Activities in specialist bodies over the last 5 years / Aktifitas berkaitan dengan bidang keahlian dalam 5 tahun terakhir (contoh: menjadi narasumber, tenaga ahli dll.)	1. Presenter at the Proceedings of the National Webinar on Buffalo Cattle IV "Challenges and Solutions for the Development of People's Buffalo Cattle Farming from Upstream to Downstream" 2. Presenter at the Proceedings of the National Seminar on Animal Husbandry and Veterinary Technology "Innovative Animal Husbandry and Veterinary Technology Towards an Advanced, Independent, Modern Livestock Industry in the New Normal Era" 3. Proceedings of the National Seminar on PERSEPSI 2024 "Development of Local Livestock in a Socio-Economic Perspective to Realize National Food Security and Sovereignty of Livestock Origin"