## STAFF HANDBOOK

Name / Nama	Dr. Muhammad Hatta, S.Pt., M.Si
Position / Bidang keilmuan	Livestock Science
Academic career / Riwayat Pendidikan	S1 - Department of Animal Science, Faculty of Animal Husbandry - Hasanuddin University (1989-1995) S2 - Magister of Animal Science, Faculty of Animal Science - Institut Pertanian Bogor (2007-2009) S3 - Doctor of Animal Science, Faculty of Animal Science - Universitas Hasanuddin (2014-2019)
Employment / Pekerjaan	Lecturer at the Faculty of Animal Husbandry, Hasanuddin University
Research and development projects over the last 5 years / Riwayat penelitian 5 tahun terakhir	Growth of Young Male Goats in Intensive Fattening     Fed a Complete Feed Made from Local Ingredients     with Various Levels of Liquid Smoke
	Policy Design and Development of Institutional Governance Strengthening Models Through Clustering Patterns for Bali Cattle Breeding in Various Monographs of South Sulawesi Region      Strengthening Institutional Covernance in
	Strengthening Institutional Governance in Agribusiness and Competitiveness Based on Bali Cattle Breeding Clusters to Improve the Performance of Smallholder Livestock Farms
	Production of High-Quality Polled Bali Cattle Breeding Stock through Integrated Modern Biotechnology from Upstream to Downstream Based on Participatory Breeding
	Sustainability Strategy for Beef Cattle Breeding through Multi-Dimensional Scaling Method in Barru District
	Sustainability Status of the Special Program for Mandatory Pregnancy of Breeding Cows through Multi-Dimensional Scaling Method in Barru District
	Strategy for Strengthening the Institutional Capacity of Beef Cattle Corporations in Gowa District

Industry collaborations over the last 5 years / Kolaborasi dengan industry 5	<ul> <li>Strategy for Strengthening the Institutional Capacity of Beef Cattle Corporations in Gowa District</li> <li>Performance Study of Bali Polled Cattle Resulting from Artificial Insemination from Different Bulls in the Smallholder Farming System</li> </ul>
tahun terakhir  Patents and proprietary rights / Paten dan HKI	<ul> <li>Improving Cattle Productivity through the Use of Quality Feed and Cattle Management Practices in the Polehali Mandiri Cattle Farmers Group</li> <li>Alternative Procedures for Implementing the Mandatory Breeding Program for Dairy Cows (UPSUS-SIWAB)</li> <li>Farmers' Perceptions of BUMDes Beef Cattle Farming Units</li> <li>Sustainability of Beef Cattle Breeding Based on Ecological Dimensions</li> <li>Level of Adoption of Innovation by Farmers Regarding Artificial Insemination Technology in the UPSUS SIWAB Program</li> </ul>
Important publications over the last 5 years / Publikasi penting 5 tahun terakhir	<ul> <li>Non-Carcass Characteristics Of Intensive Fattening of Kacang Goat With Different Sex</li> <li>Effect of supplementing elephant grass with Gliricidia sepium, Lannea coromandelica and concentrate feed on Bali cattle performance</li> <li>Application of Rice Straw Processing Technology as Feed for Beef Cattle in the Regional Partnership Program of Suppa Subdistrict, Pinrang Regency</li> <li>Evaluation of the initial approach strategy of animal husbandry service officers on the characteristics of beef cattle farmers as determinants of the sustainability of the artificial insemination program</li> <li>Evaluation of the initial approach strategy of animal husbandry service officers on the characteristics of</li> </ul>

- beef cattle farmers as determinants of the sustainability of the artificial insemination program
- Profile of cholesterol, glucose, and urea of Bali cattle under different dry lot fattening period by concentrate containing cocoa pulp
- Performance of Bali cattle under different dry lot fattening periods by concentrated feed containing cocoa pulp
- Level of Fertility and Development of Embryos in Vitro Results of Oocyte Fertilization with Different Bull Sperms
- Acceleration of Beef Cattle Development UPSUS-SIWAB Program in Terms of the Three-Cycle of Farmer Empowerment
- Farmers Behavior Toward Bali Cattle Purification
- Farmers' Perceptions of BUMDes Beef Cattle Farming Units
- Sustainability of Beef Cattle Breeding Based on Ecological Dimensions
- Demonstration of Corn Straw Silage Processing Technology as a Source of Beef Cattle Feed in Suppa District, Pinrang Regency
- Eco-Friendly Eggshell Meal on Milk Yield and Quality of Holstein Friesian Cows
- Level of Adoption of Innovation by Farmers Regarding Artificial Insemination Technology in the UPSUS SIWAB Program
- Implementation of Alley Cropping System of Elephant Grass with Indigofera to Increase Milk Production and Quality of Holstein Friesian Cows
- Design a Strategic Program to Strengthen Beef Cattle Corporate Institutions
- Performance of Bali Cattle by the Implementation of Quadruple Helix Participatory-Based Breeding Programs in Optimizing the Potential of Smallholder Cattle Farms

	• The Effect of Time and Concentration of Curing Agents on the Quantity and Quality of Goat Skin Gelatin Produced Through the Acid Process
	Design a Strategic Program to Strengthen Beef  Cottle Corporate Institutions
	Cattle Corporate Institutions
	• The Value of Hematocrit, Hemoglobin, and
	Lymphocytes of Lactating Friesian Holstein with
	Supplementation of Urea Molasses Multi-Nutrient
	Block Containing Cement Substituted by Tapioca
	Meal
	Heavy Metal Residue in Milk of Holstein Friesian
	Dairy Cows Supplemented by Urea Molasses
	Multi-Nutrient Block Containing Cement
	Substituted by Tapioca Meal
	Sustainable Corporate Models for Beef Cattle to
	Support the Acceleration of National Beef
	Self-Sufficiency
Activities in specialist bodies over the	
last 5 years / Aktifitas berkaitan	Animal Science and Technology
dengan bidang keahlian dalam 5	
tahun terakhir (contoh: menjadi	
narasumber, tenaga ahli dll.)	