## **Staff Handbook**

Name	Dr. Tri Anggraeni Kusumastuti, SP., MP., IPM.			
Post	Agriculture Economics Science			
Academic career	Professional Engineering (IPM) Doctorate Graduate degree Undergraduate degree		Universitas Gadjah Mada Universitas Gadjah Mada Universitas Gadjah Mada Universitas Gadjah Mada	2018 2009 2001 1996
Employment	Associate Professor		Universitas Gadjah Mada	2013-present
	Assistant Professor		Universitas Gadjah Mada	2004-2013
Research and development projects over the last 5 years	Research projects:  1. Total Economic Value of Ongole Crossbreeding Village through Measurement of Intangible Benefit Cost and Existence Value (2021)			
		Source of funds: Thematic Grants for the Faculty of Animal Science Laboratory UGM		
	2.	Natural Resources Accounting for the Integration of Goats and Plants to Increase Total Economic Value in Purworejo Regency, Central Java (2021)		
		Source of funds: Postgraduate Grants, Faculty of Animal Science UGM		
	3.	Gender Analysis in Livestock Business and Its Relationship with Income of Dairy Cattle Breeders (Case Study in Samiran Village, Selo District, Boyolali Regency) (2021)		
		Source of funds: Po	ostgraduate Grants, Faculty o	f Animal Science
	4.	Industry Business	e Covid-19 Pandemic on Ar Actors and Consumers F Inmental Aspects (2020)	-
		Source of funds: Science Laboratory	Thematic Grants for the Fa	aculty of Animal
	5.		n of Beef Cattle and Superior lopment and Post-Mining La 2019)	•
		Source of funds: Animal Science UG	Thematic Research Grants fo GM	or the Faculty of
	6.	•	and Motivation of Cattle Bre n District, Bantul Yogyakarta (	•
		Source of funds: Po	ostgraduate Grants, Faculty o	f Animal Science

**UGM** 

7. Income Share and Economic Efficiency Broiler Chicken Partnership Pattern in Yogyakarta (2018)

Source of funds: Thematic Laboratory Grant, Faculty of Animal Science UGM

8. Establishment of Etawah Crossbreed Goat Germplasm Agribusiness Terminal Through Application of Location Model Supported by Economic Policy and Livestock Reproduction Technology (2017)

Source of funds: HIKOM, DIKTI

9. Mapping of Broiler Agribusiness with Environmental Perspective Through Structure-Conduct Performance Model Approach Supported by Veterinary Economic Role (2017)

Source of funds: PUPT, DIKTI

 Characteristics and Effectiveness of PO, Simpo and Limpo Beef Cattle Breeding Businesses on People's Livestock in the Special Region of Yogyakarta (2017)

Source of funds: Thematic Laboratory of Faculty Animal Science UGM

11. Establishment of Etawah Crossbreed Goat Germplasm Agribusiness Terminal Through Application of Location Model Supported by Economic Policy and Livestock Reproduction Technology (Chairman of 2 Researchers) (2015-2016)

Source of funds: DIKTI (Competency Grant)

12. Strengthening the Empowerment of Beef Cattle Breeders Groups Based on Microfinance Institutions to Support Food Self-reliance (Member of 4 Researchers) (2015-2016)

Source of funds: DIKTI (Higher Education Research)

 A Comparative and Competitive Study of Laying Chicken Farms in the Household Scale of the Sidomoyo Layer Chicken Farmer Group, Pajangan District, Bantul Regency (Member of 5 Researchers) (2016)

Source of funds: Thematic Grants for Laboratory of the Faculty of Animal Science UGM

Community service over the last 5 years:

1. The Global Burden of Animal Diseases (GBADs) project team in collaboration with the Center for Veterinary Research – ACIAR -

Faculty of Veterinary Medicine Universitas Gadjah Mada (2022)

Source of funds: ACIAR project

 Market Potential Study document for the Tangerang Regency Animal Hospital in collaboration with the Tangerang Regency Regional Development Planning Agency with the Faculty of Veterinary Medicine, Gadjah Mada University (2022)

Source of funds: Tangerang Regency Regional Development Planning Agency

3. Assistance Of The Existence Of Micro-Financial Institutions (Mfis) In Facing The Covid-19 Pandemic Through Diversification Of Manufacturing Composite Fertilizer Blocks Easy To Access Markets At The Sidomakmur Livestock Farming Group, Wukirsari, Cangkringan-Sleman Yogyakarta (2021)

Source of funds: Postgraduate Grants, Faculty of Animal Science UGM

4. Increasing Income of Batik Women Group During the Covid-19 Pandemic through Diversification of Goat Farming Business (2021)

Source of funds: Postgraduate Grants, Faculty of Animal Science UGM

5. Development of a Three-Zone Biosecurity Plot Demonstration on a Small- Scale Layer Farm in Siraman Village, Wonosari District, Gunungkidul Regency (2021)

Source of funds: Thematic Grant for Laboratory Service Faculty of Animal Science UGM

6. Study Livestock Agribusiness Management for industrial and group scale (2021)

Source of funds: APPs Village, Faculty of Agriculture, UGM

7. Increased Knowledge and Understanding of Three-Zone Biosecurity-Based Livestock Maintenance on Small-Scale Layer Farms in Gunungkidul Regency, Special Region of Yogyakarta (2020)

Source of funds: Thematic Grant for Laboratory Service Faculty of Animal Science UGM

8. Assistance in Strengthening Beef Cattle Agribusiness at the Cattle Group of Sidomakmur Cangkringan Sleman Yogyakarta (2019)

Source of funds: Faculty of Animal Science Universitas Gadjah

Mada

9. Assistance in Increasing Economic Value through Utilization of Organic Waste and Institutional Strengthening in Beef Cattle Farming Groups at TPS Piyungan Bantul (2019)

Source of funds: Faculty of Animal Science Universitas Gadjah Mada

10. Nutrition Education Improving the Nutrition of School Snacks Through Various Dairy Processes to Increase Milk Consumption in Elementary Schools in Yogyakarta Municipality (2018)

Source of funds: Thematic Service Grants Laboratory Faculty of Animal Science UGM

11. Goats and Sheep "Institutional and Business". Free Lecture Materials For You Our Farmers Serve (2018)

Source of funds: Faculty of Animal Science UGM

 Establishment of Etawah Crossbreed Goat Germplasm Agribusiness Terminal Through Application of Location Model Supported by Economic Policy and Livestock Reproduction Technology (2017)

Source of funds: HIKOM, DIKTI

 Mapping of Broiler Agribusiness with Environmental Perspective Through Structure-Conduct Performance Model Approach Supported by Veterinary Economic Role (2017)

Source of funds: PUPT, DIKTI

14. Characteristics and Effectiveness of PO, Simpo and Limpo Beef Cattle Breeding Businesses on People's Livestock in the Special Region of Yogyakarta (2017)

Source of funds: Thematic Laboratory UGM

15. Establishment of Etawah Crossbreed Goat Germplasm Agribusiness Terminal Through Application of Location Model Supported by Economic Policy and Livestock Reproduction Technology (Chairman of 2 Researchers) (2015-2016)

Source of funds: DIKTI (Competency Grant)

 Strengthening the Empowerment of Beef Cattle Breeders Groups Based on Microfinance Institutions to Support Food Self-reliance (Member of 4 Researchers) (2015-2016)

Source of funds: DIKTI (Higher Education Research)

17. A Comparative and Competitive Study of Laying Chicken Farms in the Household Scale of the Sidomoyo Layer Chicken Farmer

	Group, Pajangan District, Bantul Regency (Member of 5 Researchers) (2016)				
	Source of funds: Thematic Grants for Laboratory of the Faculty of Animal Science UGM				
Industry collaborations over the last 5 years	Work Based Academic Program Instructor on partnerships and business patterns. Cooperation between PT Charoend Pokphand and the UGM Faculty of Animal Science (2019-present)				
	Source of funds: PT Charond Pokphand				
Patents and proprietary rights	-				
Important publications over the last 5 years	Total number of publications: 45				
	<ol> <li>Characteristics and Factors that Influence the purchase of beef during the Covid 19 Pandemic in Yogyakarta, Indonesia (Tri Anggraeni Kusumastuti, Rini Widiati) (2022)</li> </ol>				
	Publisher: Advances in Biological Sciences Research. Atlantis press Int, volume 19: 308-311				
	<ol> <li>Smallholder planning for Bali cattle fattening in Barru Regency, South Sulawesi, Indonesia. Indrawirawan; Bambang Suwignyo, Tri Anggraeni Kusumastuti (2022)</li> </ol>				
	Publisher: IOP Conference Series: Earth and Environmental Science Volume 951 (2022) 012020				
	<ol> <li>Potential analysis and development strategies based on zoning for beef cattle farming in kepulauan bangka Belitung (MTaufiq Alamsyah, Siti Andarwati, Tri anggraeni Kusumastuti, Panjono) (2022)</li> </ol>				
	Publisher: Buletin of animal science 46(1): 63-72				
	<ol> <li>Seroprevalence and risk factors of brucellosis and the brucellosis model at the individual level of dairy cattle in the West Bandung District, Indonesia (Yuli Yanti, Bambang Sumiarto, Tri Anggraeni Kusumastuti, Aprizal Panus, Sodirun Sodirun) (2021)</li> </ol>				
	Publisher: Veterinary World, 14(1): 1–10				
	5. A study on farmers' choice in integrating paddy and cattle farming as farm management practices (Widarni, N.A.A., Kusumastuti, T.A., Putra, A.R.S.) (2020)				
	Publisher: Journal of the Indonesian Tropical Animal Agriculture, 2020, 45(4), pp. 356–364				
	6. Analysis of The Feasibility of Bali Cattle Breeding Business in Barru Regency, South Sulawesi, Indonesia (Tri Anggraeni Kusumastuti, Indrawirawan, Bambang Suwignyo) (2021)				

- Publisher: IOP Conference Series: Earth and Environmental Science, Volume 686 (2021) 012008
- 7. Determinants of rice by-product utilization as a potential local feed for ruminants in Magelang Regency, Indonesia (Widarni NAA, Andriyani Astuti, Siti Andarwati, Tri Anggraeni Kusumastuti, Ahmad Romadhoni Surya Putra (2021)
  - Publisher: IOP Conference Series: Earth and Environmental Science Volume 902 (2021), 012049
- 8. Analysis of factors affecting to the income of Bali cattle farmers in Barru Regency, South Sulawesi Province, Indonesia (Indrawirawan , Bambang Suwignyo, Tri Anggraeni Kusumastuti,) (2021)
  - Publisher: IOP Conf. Series: Earth and Environmental Science 788 (2021) 012201
- Correlation of consumer involvement and consumer purchase decision on packaged beef products (A Triatmojo, A R Prasetya, M A U Muzayyanah and T A Kusumastuti (2021)
  - Publisher: IOP Conf. Series: Earth and Environmental Science 888 (2021) 012080. IOP Publishing doi:10.1088/1755-1315/888/1/012080
- Determinants of the mixed crop and livestock farming practice among smallholder farmers in Magelang Regency, Central Java Province (Widarni, N.A.A., Astuti, A., Andarwati, S., Kusumastuti, T.A., Putra, A.R.S.) (2020)
  - Publisher: IOP Conference Series: Earth and Environmental Science, 2020, 454(1), 012010
- Analisis Potensi Supply Ayam Broiler Untuk Mendukung Pertumbuhan Ekonomi Di Kabupaten Sleman Yogyakarta (Rini Widiati, Tri Anggraeni Kusumastuti, Siti Andarwati, Bambang Ariyadi) (2020)
  - Publisher: Prosiding Seminar Nasional: Sekolah Tiggi Penyusunan Pertanian (STPP) Magelang, 189-198
- 12. Determining highly pathogenic H5 avian influenza clade 2.3.2.1c seroprevalence in ducks, Purbalingga, Central Java, Indonesia (2020)
  - Publisher: Veterinary World Vol 13 No. 17: 1138-1144
- 13. Adoption of the mixed crop and livestock farming's technology in Magelang Regency, Central Java (2020)
  - Publisher: IOP Conference Series: Earth and Environmental

Science, Volume 518 (2020) 012046.

14. Beef Cattle Farmers' Group Cohesion in Bantul and Sleman Regencies Yogyakarta Special Region, Indonesia (2019)

Publisher: Journal of Agricultural Extension Vol. 23, No. 1: 223-229.

15. Performance and Economic Incentives of Cowcalf Operation Crossbred in The Smallholder Cattle in Yogyakarta-Indonesia (2019)

Publisher: International Journal of Business and Society Vol. 20 No. 1: 417-431

 Determinant factors of applying mixed crops and livestock farming in Indonesia (ARS Putra, NAA Widarni, W Bawono, R Agustine, TA Kusumastuti) (2019)

Publisher: IOP Conference Series: Earth and Environmental Science 387 (1), 012115

17. Analysis of the Implementation of Ettawa Crossbred Goat Manure Treatment in the District Kulonprogo Yogyakarta, Indonesia (TA Kusumastuti, R Widiati, S Nurtini, SP Syahlani, MAU Muzayyanah) (2019)

Publisher: KnE Life Sciences, 326-332-326-332

 The Impact of Increased Prices of Eggs on Consumer Purchases in Klaten Regency, Central Java, Indonesia (R Lantarsih, TA Kusumastuti) (2019)

Publisher: International Conference on Banking, Accounting, Management, and Economics (ICOBAME 2018), 256-261

 Characteristics of business and income in broiler partnership system in Yogyakarta Indonesia (TA Kusumastuti, R Widiati, S Andarwati) (2019)

Publisher: IOP Conference Series: Earth and Environmental Science 387 (1), 012041

 Income share and technical efficiency in the broiler partnership system in Sleman regency, Yogyakarta (R Widiati, TA Kusumastuti, S Andarwati) (2019)

Publisher: IOP Conference Series: Earth and Environmental Science 387 (1), 012056

21. Perkampungan Ternak Kambing: Wahana Eduwisata dan Sentra Produksi di Pedesaan (Pendekatan Ekonomi Lingkungan Berbasis Sistem Informasi Geografis) (TA Kusumastuti, B Susilol) (2018) Publisher: UGM PRESS

22. Partial Budget Analysis to Determine Additional Income of Etawa Crossbred Goat Farmers Using Breeding System in Kulon Progo Regency, Yogyakarta, Indonesia (Tri Anggraeni Kusumastuti, Rini Widiati, Sigit Bintara) (2018)

Publisher: Advances in Engineering Research, volume 172: 57-61

23. Kualitas Sperma Domba Ekor Gemuk Pasca Pembekuan Sperma Dengan Bantuan Micro Controller (Sigit Bintara, Andriyani Astuti, Panjono Panjono, Tri Anggraeni Kusumastuti) (2018)

Publisher: Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2018 Dalam Rangka Dies Natalis 49 Fakultas Peternakan UGM, 173-176

 Economic losses estimation of pathogenic Escherichia coli infection in Indonesian Poultry Farming (FJ Wibisono, B Sumiarto, TA Kusumastuti) (2018)

Publisher: Buletin Peternakan 42 (4): 341-346

25. Parsial Budget Analysis to Determine The Income Added Value Etawa Crossbreed Goat Breeding System Farmer in Kulon Progo, Regency, Yogyakarta, Indonesia (2018)

Publisher: Presented at International Seminar Fasres, Universitas Muhammadiyah Yogyakarta

26. Performance and Economic Incentives Cow Calf Operation of Three Cattle Crossbreeds at Smallholder Farmers in Yogyakarta Indonesia (2018)

Publisher: Book of Abstract: The International Food Science and Agrotechnology Conference 2018 (IFOSAC), 7 – 9 Agustus 2018, Terengganu, Malaysia. pp. 87

27. Analisis Potensi Input dan Perencanaan Pembangunan Terminal Agribisnis Peternakan Kambing Peranakan Ettawa di Kabupaten Sleman Yogyakarta (2018)

Publisher: Jurnal Kebijakan Pembangunan Peternakan Vol. 1 No. 1 Halaman 23-24. http://persepsi.org/

28. Kualitas Sperma Domba Ekor Gemuk Pasca Pembekuan Sperma Dengan Bantuan Micro Controller (2018)

Publisher: Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik 2018 "Inovasi Teknologi Peternakan Menyongsong Era Industri 4.0". Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta, 5 November 2018. Hal. 173-176. ISBN: 978-979-1215-33-6

29. Economic Losses Estimation of Pathogenic Escherichia coliInfection in Indonesian Poultry Farming (2018)

Publisher: Buletin Peternakan Vol. 42 No. 4, hal. 341-346, 2018

30. Analisis Persepsi Tentang Perubahan Sistem Pemeliharaan dari Ekstensif ke Semi Intensif pada Peternak Babi di Wilayah Sub Urban Kota Kupang (Perception Analysis Concerning The Pig Farming System Changes From Extensive Into Semi Intensive on Pig Farmers in Sub Urban Area of Kupang) (2018)

Publisher: Jurnal Kebijakan Pembangunan Peternakan. Vol 1. No. 1, hal. 15-22. ISSN 2621-7651 http://persepsi.org/

31. Intangible Costs Resulting from Inefficient Feeding and Water Usage in Smallholder Dairy Farm in Indonesia (2017)

Publisher: International Journal of Dairy Science Volume 12, Number 3, 211-217, 2017. Published by: Academic Journal Inc. ISSN: 1811-9751, pISSN: 1811-9743. DOI: 10.3923/ijds.2017.211.217

32. Livestock Products Food Expenditure Pattern in Indonesia: Estimation Analysis from Repeated Cross-section Data (2017)

Publisher: Journal of Advanced Agricultural Technologies, Vol. 4 No. 2, June 2017. Pages: 171-175. Published by: Gyeongsang National University, Korea. pISSN: 2373-423X eISSN: 2301-3737. DOI: 10.19178/joaat. Indexed by: Ulrich's Periodicals Directory, Google Scholar, Crossref, and etc.

33. Beef Cattle Farmers' Group Cohesion in Bantul And Sleman Regencies Yogyakarta Special Region (2017)

Publisher: The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 533-537. ISBN: 978-979-1215-29-9

34. Income Analysis on Capital Assistance Model through the Revolving Ettawa Crossbred Goat in Yogyakarta Indonesia (2017)

Publisher: The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 634-638. ISBN: 978-979-1215-29-9

35. Analisis Kelayakan Finansial Pengobatan Pedet Parasitiasis pada Usaha Pembibitan Sapi Potong Rakyat di Kabupaten Magelang Provinsi Jawa Tengah (2017)

Publisher: Buletin Peternakan Vol. 41 (2): 197-202, Mei 2017 ISSN-0126-4400 E-ISSN-2407-876X DOI:

https://doi.org/10.21059/buletinpeternak.v41i2.15730.

36. Analisis Keputusan Rumah Tangga dalam Mengkonsumsi Pangan Sumber Protein Hewani Asal Ternak dan Non Ternak: Studi Kasus di Provinsi DI Yogyakarta (2017)

 Publisher: Buletin Peternakan Vol. 41 (2): 203-211, Mei 2017

 ISSN-0126-4400
 E-ISSN-2407-876X
 DOI: https://doi.org/10.21059/buletinpeternak.v41i2.18062.

37. Sistem Produksi dan Potensi Ekonomi Peternakan Kambing Lokal Bligon di Desa Girimulo, Kecamatan Panggang, Gunungkidul (2017)

Publisher: Sains Peternakan Vol. 59 No. 5, 2017. Hal. 59-65. pISSN 1693-8828 eISSN 2548-932X. Penerbit: UNS. DOI: http://dx.doi.org/10.20961/sainspet.15.2.59-65. www.jurnal.uns.ac.id/Sains-Peternakan

 Kajian Biaya Produksi Peternakan Ayam Ras Petelur Skala-Rumah Tangga pada Kelompok Peternak Ayam Petelur "Sidomulyo" Pajangan Bantul (Author 4 of 6) (2016)

Publisher: Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 351-358

39. Analisis Profil dan Penerapan Teknologi pada Kelompok Ternak Kambing Peranakan Etawah di Yogyakarta Indonesia (Author 1 of 2) (2016)

Publisher: Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 364-369

40. Beef Cattle Farmers Attitude Towards Environmental and Socioeconomic Development in Yogyakarta Province (Author 2 of 3) (2016)

Publisher: Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan

41. Livestock Products Food Expenditure Pattern in Indonesia: Estimation Analysis from Repeated Cross-section Data (Author 5 of 5) (2016)

Publisher: Seminar 7th International Conference on Agriculture and Animal Science (ICAAS 2016), Republic of Korea. 12-14 Oktober 2016

	42. Beef Cattle Farmers Attitude towards Environmental and Socioeconomic Development in Yogyakarta Province (Author 2 of 3) (2016)
	Publisher: Proceedings of the 1st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
	43. Analysis of The Implementation of Ettawa Crossbred Goat Manure Treatment in the District Kulonprogo Yogyakarta Indonesia (Author 1 of 5) (2016)
	Publisher: Proceedings of the 1st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
	44. Development of Micro Finance Institutions Model for Farmers Group to Support Beef Cattle Farming Sustainability: A Pilot Study (Author 3 of 4) (2016)
	Publisher: Proceedings of the 1st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
	45. Profile of Farmers' Groups and its Affectivity in Supporting Agribusiness on the Smallholder Beef Cattle in Yogyakarta Province, Indonesia (Author 3 of 3) (2016)
	Publisher: Proceeding The 3rd APIS and 3rd ARCAP in Batu October 19-21, 2016
Activities in specialist bodies over the last 5 years	