Staff Handbook

Name	**Dyah Hariani, Ir., MSi., Dr., Prof**
Position	Lecturer

Academic Career

Academic Appointment	Institution	Year
Doctorate (Fisheries and Marine Science)	University of Brawijaya , Indonesia	2015
Master (Biology of Reproduction)	University of Airlangga, Indonesia	1998
Undergraduate degree (Livestock Production)	University of Brawijaya , Indonesia	1984

Employment

No	Position	Employer	Period
1	Lecturer	State University of Surabaya	1986-2020
2	Professor	State University of Surabaya	2021 - Present

Research and development projects over the last 5 years

No	Name of project or research focus	Period	Partners	Amount of Financing
1	PSNI Year 3: Acceleration of Preparation of Mature Catfish Broodstock (Clarias sp) and Procurement of Seeds on a Mass Scale Through Laserpuncture Technology Combined with Biofloc Technology to Support the Seed Industrialization Program (In Indonesia) (Position: as a Team Member)	2020		IDR 113.810.000 (€5,870.09)
2	PNPB Unesa: Morphometric Analysis and Total N Content of Dumbo Catfish Results Aquaponocs with Cascing as an Alternative to Food Security Communities Affected by the Pandemic (In Indonesia) (Position: as a Team Member)	2020		IDR 10.000.000 (€515.78)
3	PDUPT : Screening of Metabolite Content of Local Flora and Fauna in the Context of Exploring Potential Alternative Therapies for Degenerative Diseases (In Indonesia) (Position: as a Team Member)	2021		IDR 25.000.000 (€1,289.45))
4	BRIN Scientific Research Program Faculty of Fisheries and Marine Sciences UB: Gonadal Maturity Level Induction (GML) of Female Sand Lobster Broodstock (Panulirw homarus) with Short-wave Radiation Beams (Laserpuncture) (In Indonesia) (Position: as a Team Member)	2022		IDR 87.750.000 (€4,525.97)
5	PNPB Unesa: Administration of Vitamin E and Laser-puncture Induction to Improve the Quality and Quantity of Spermato- zoa in Rats (In Indonesia) (Position: as a Head Team)	2022		IDR 20.000.000 (€1,031.56)
6	Airlangga Research Fund: Potential of Probiotic Duo Strains to Improve Growth, Immune Response, and Metagenomic Profile of Catfish Gastrointestinal Mycobiota Due to Aeromonas hydrophila Infection (In Indonesia) (Position: as a Team Member) (In Indonesia)	2023		IDR 250.000.000 (€12,894.50)
7	PNPB Unesa: Administration of Katuk Leaf Extract to Improve Libido and Sperm Quality of Rats Exposed to Cigarette Smoke (In Indonesia) (Position: as a Team Member) (In Indonesia)	2023		IDR 20.000.000 (€1,031.56)
8	PNPB Unesa: Study on the Administration of Blood Shell Filtrate with Adsorbent in Pregnant	2024		IDR 20.000.000 (€1,031.56)

		Mice on Embryo Growth (In Indonesia) (Position: as a Team Member) (In Indonesia)			
	9	PNPB Unesa: The Potential of Bioactive Components of Ortho-siphon aristatus as NRF2-KEAP1 Inhibitors: An In Silico Study.	2024		IDR 20.000.000 (€1,031.56)

Industry collaborations over the last 5 years

No	Project title	Partners

Patents and proprietary rights over the last 5 years

No	Title	Years

Important publications over the last 5 years

Total number: 11 titles

1. Dyah Hariania, Erlix Rakhmad Purnama, Tarsan Purnomo. Mohamad Fadjar. Effect of Laser Puncture Induction to increase GSI and HSI Male Catfish Broodstocks. Journal of Fisheries and Marine Research. 31-04-2020. Vol. 4, No. 1, 82 – 88. Sinta 3.
2. Dyah Hariani, Dwi Anggorowati Rahayu, Pungky Slamet WK. Gonad-stimulating potential of laserpuncture induction on the male African sharptooth catfish (*Clarias gariepinus*. Egyptian Journal of Aquatic Biology & Fisheries. June 2021. Vol 25, No. 3 1013-1025. Q3.
3. Dyah Hariani;Pungky S. W Kusuma; Dwi A. Rahayu; Fauziah; M.Fajar. Feed improvement and laserpuncture induction to improve the gynogenetic quality of catfish (*Clarias gariepinus*) fry. AACL Bioflux. 2021. Vol 14, No.4, 2516-2524. Q3.
4. Pungky Slamet WK, Dyah Hariani, Ahmad Taufiq Mukti. Evaluation of Probiotic-Fermented Feed Addition and Laser-Firing to Accelerate Mature Broodstocks and Seed Productions of African Catfish (*Clarias gariepinus*). Turkish Journal of Fisheries and Aquatic Sciences. 27 September 2021. Vol 22,No. 2, 1-9. Q3
5. Cindy Ayu Nofitasari, Pungky Slamet Wisnu Kusuma, and Dyah Hariani. Zooplankton and Phytoplankton Community Structure in the Stomach Contents of Komo Cod Fish (Euthynnus affinis) (In Indonesia). Bioscientist : Scientific Journal of Biology. December 2022. Vol. 10, No. 2, 973-983. Sinta 3
6. Nur Ducha, Dyah Hariani, Widowati Budijastuti, Trinil Susilawati, Aulanni'am, Sri Wahyuningsih. Effects of Adding α-tocopherol to Brahman Bull Chilled Semen on Sperm Quality, Lipid Peroxidation, Membrane Integrity, and DNA Integrity. Iranian Journal of Veterinary Science and Technology. 2023- Apr- 01. Vol.15, No.1, 10 pp. Q3
7. Hanifiya Samha Wardhania, Dyah Hariani, Nur Anindya Syamsudi, Tusy Novita Dwi Wardani, Nadia Rifqi Cahyani. Knowledge about Pregnancy and Reproductive Health among Pregnant Women in Rural Coastal Areas of East Java, Indonesia. International Journal of Research Publications (IJRP.ORG). Jun 23, 2023 .Vol.127, No.1, 276-285.
8. Nurul Aini, Dini Sarafina Yulia Rosa Putri, Divany Hunaimatul Achhlam, Fatimah Fatimah, Sapto Andriyono, Dyah Hariani, Hoang Dang Khoa Do, and Sri Puji Astuti Wahyuningsih. Supplementation of *Bacillus subtilis* and *Lactobacillus casei* to Increase Growth Perfomance and Immune System of Catfish (Clarias gariepinus) Due to Aeromonas hydrophila infection. Veterinary World. 2024 Mar. Vol.17, No.3, 602–611. Q1
9. Lazulfah Nadhifatul Maulani, Dyah Hariani and Rinie Pratiwi Puspitawati. Jurnal Penelitian Pendidikan IPA. 2024. October. Vol. 10, No. 10, 8050–8061. Sinta 2.
10. Dyah Hariani, Hanifiya Samha Wardhani and Pungky Slamet Wisnu Kusuma. Improving reproductive potential of male albino Wistar Rattus norvegicus using Vitamin E and Laserpuncture. Journal of Applied and Natural Science. 2024-10-29. Dec 20-2024. Vol.16, No. 4, 1456 - 1465. Q4
11. Mohamad Fadjar, Dyah Hariani, Attabik Mukhammad Amrillah and Hadiana. Egyptian Journal of Aquatic Biology & Fisheries. September and October 2025. Vol. 29(5): 2193 – 2216. Q4

Activities in sepecialist bodies over the last 5 years

Organization	Role	Period
The Indonesian Biologogical Society	Member	30-06-2022

* Membership without a specific role need not be mentioned