

## STAFF HANDBOOK



<b>Name</b>	<b>Dr. Yuliani, M.Si.</b>		
<b>Position</b>	<i>Biology Education, Plant Biology / Physiology Biology. Lecturer Biology Education Study Program</i>		
	<i>Associate Professor</i>		
	<i>Degree</i>	<i>University</i>	<i>Year</i>
<b>Academic career</b>	Bachelor Program in Biology Master Program in Biology (Plant Physiology Specialities)	IKIP Surabaya, Indonesia	1987 – 1997
	Master Program in Biology (Plant Physiology Specialities)	Universitas Gadjah Mada, Indonesia	1996 – 1999
	Doctoral Program in Biology	Universitas Brawijaya, Indonesia	2011 - 2015
<b>Employment</b>	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	Lecturer in Biology Department	Universitas Negeri Surabaya - Indonesia	1993 - now
	Secretary of Biology Study Program	Universitas Negeri Surabaya - Indonesia	2003 – 2006
	Secretary of Biology Department	Universitas Negeri Surabaya - Indonesia	2006 – 2008
	Head of Biology Laboratory	Universitas Negeri Surabaya - Indonesia	2008 – 2011
	Head of the Quality Assurance Unit in Biology Department	Universitas Negeri Surabaya - Indonesia	2011 – 2015

	Head of the Biology Department	Universitas Negeri Surabaya - Indonesia	2015 - 2019	
<b>Research and development projects over the last 5 years</b>	<b>Title</b>	<b>Funder</b>	<b>Year</b>	<b>Grant (Million)</b>
	Pengembangan Bahan Ajar Integrasi Project Based Learning (Pjbl) Melalui Kajian Pemanfaatan Tumbuhan Pada Perkawinan Adat Etnik Madura Untuk Melatihkan Literasi Sains  (Development of Teaching Materials Project Based Integration Learning (Pjbl) Through Studies Plant Utilization in Madurese Ethnic Customary Marriage to Train Science Literacy)	Penelitian Kompetitif PASCASARJANA	2022	45
	Pelatihan Pembuatan Pupuk Organik Berbahan Baku Kulit Kerang Untuk Tanaman Hidroponik di Desa Cemandi Sidoarjo  (Training on Making Organic Fertilizer Made from Shells for Hydroponic Plants in Cemandi Village Sidoarjo)	Kebijakan Fakultas (FMIPA)	2022	10
	Model Optimalisasi Lahan Marginal Menggunakan Pola Interaksi Multisimbiotik Organisme Dan Lingkungan Untuk Menunjang Ketahanan Pangan Indonesia.  (Marginal Land Optimization Model Using Multisymbiotic interaction patterns of organisms and the environment to support Indonesia's food security.)	Penelitian Dasar (LPPM)	2022	50
	Potensi Senyawa Bioaktif Daun Tapak Liman (Elephantopus Scaber) Sebagai Anti Kanker Melalui Uji In Silico  (Potential Bioactive	Penelitian Dasar Percepatan Guru Besar (LPPM)	2022	50

	Compounds of Liman Tread Leaves (Elephantopus Scaber) As Anti-Cancer Through In Silico Test)			
	Optimalisasi Produksi melalui Kultur Jaringan, Isolasi dan Karakterisasi Senyawa Bioaktif Daun Tapak Liman (Elephantopus scaber)  (Production Optimization through Tissue Culture, Isolation and Characterization of Liman Tread Leaf Bioactive Compounds (Elephantopus scaber))	LPPM	2019	75
<b>Patents and proprietary rights</b>	<b>Title</b>			<b>Year</b>
	Buku Ajar Farmakognisi Registration Number: C00201701508 Registration Date: April 12th, 2017 Author(s): Evie Ratnasari, Yuliani			2017
	Buku Metabolisme Tumbuhan Registration Number: EC00201824817 Registration Date: August 21st, 2018 Author(s): Yuliani			2018
	Buku Etnobotani Registration Number: EC00201939807 Registration Date: May 10th, 2019 Author(s): Yuliani, Wisanti, Novita Kartika Indah			2019
	Buku Ekofisiologi 1: Ekofisiologi Tumbuhan Registration Number: EC00201976602 Registration Date: October 17th, 2019 Author(s): Yuliani, Raharjo, Sunu Kuntjoro			2019
	Motif Batik Tulis Pamekasan Kupu-kupu dan Jagung Registration Number: EC00201976608 Registration Date: October 17th, 2019 Author(s): Yuliani, Sari Kusuma Dewi, Novita Kartika Indah			2019
	Buku Fitohormon Registration Number: EC00201976603 Registration Date: October 17th, 2019 Author(s): Yuni Sri Rahayu, Yuliani, Evie Ratnasari, Sari Kusuma Dewi			2019
	Buku Dasar-Dasar Pengelolaan Laboratorium Registration Number: EC00201976606 Registration Date: October 17th, 2019 Author(s): Mahanani Tri Asri, Yuliani, Sunu Kuntjoro			2019

**Important  
publications  
over the last 5  
years**

Luqman, B. A., & Yuliani, Y. (2023). Effectiveness Extract of Noni Leaf (*Morinda citrifolia* L.) and Bintaro Leaf (*Cerbera odollam*) Against Mortality of *Spodoptera litura* F. *LenteraBio : Berkala Ilmiah Biologi*, 12(2), 179–185. <https://doi.org/10.26740/lenterabio.v12n2.p179-185>

Wahyuni, D. P., & Yuliani, Y. (2023). Effectiveness of Lamtoro (*Leucaena leucocephala*), Papaya (*Carica papaya*) Leaf Extract and The Combination against Antifeedant Activity and Mortality of *Spodoptera litura* F. *LenteraBio : Berkala Ilmiah Biologi*, 12(3), 290–298. <https://doi.org/10.26740/lenterabio.v12n3.p290-298>

Vebianawati, E. A., Yuliani, Y., & Rahayu, D. A. (2023). Pengembangan Booklet Senyawa Bioaktif Ekstrak N-Heksana Daging Mimi Mintuna (*Carcinoscorpius rotundicauda*) Sebagai Media Pembelajaran Berbasis Kearifan Lokal. *Berkala Ilmiah Pendidikan Biologi (BioEdu)*, 12(2), 575–584. <https://doi.org/10.26740/bioedu.v12n2.p575-584>

Shiyamsyah, F. S. F., & Yuliani, Y. (2022). Pengembangan E-Book Interaktif pada Materi Respirasi Seluler untuk Melatihkan Kemampuan Literasi Digital Siswa SMA Kelas XII. *Berkala Ilmiah Pendidikan Biologi (BioEdu)*, 11(2), 492–501. <https://doi.org/10.26740/bioedu.v11n2>

Zahroh, D. A., & Yuliani, Y. (2021). Pengembangan e-LKPD Berbasis Literasi Sains untuk Melatihkan Keterampilan Berpikir Kritis Peserta Didik pada Materi Pertumbuhan dan Perkembangan. *Berkala Ilmiah Pendidikan Biologi (BioEdu)*, 10(3), 605–616. <https://doi.org/10.26740/bioedu.v10n3.p605-616>

Setyawan, U. R., & Yuliani, Y. (2021). Pengembangan LKPD Berbasis Mind Mapping untuk Melatihkan Keterampilan Berpikir Kreatif pada Materi Pertumbuhan dan Perkembangan Tumbuhan. *Berkala Ilmiah Pendidikan Biologi (BioEdu)*, 10(2), 412–417. <https://doi.org/10.26740/bioedu.v10n2.p412-417>

Pratiwi, D. E., & Yuliani, Y. (2021). Pengembangan e-LKPD Berorientasi Learning Cycle 7E pada Sub-Materi Perkecambahan Biji untuk Meningkatkan Keterampilan Proses Sains. *Berkala Ilmiah Pendidikan Biologi (BioEdu)*, 10(3), 541–553. <https://doi.org/10.26740/bioedu.v10n3.p541-553>

Apriliani, N. Z., & Yuliani, Y. (2021). Respons Anatomi dan Kadar Asam Oksalat Tumbuhan *Amorphophallus muelleri* Blume Pada Lingkungan yang Berbeda. *LenteraBio : Berkala Ilmiah Biologi*, 9(2), 137–145. <https://doi.org/10.26740/lenterabio.v9n2.p137-145>

Septiono, E., & Yuliani, Y. (2021). Efektivitas Babandotan (*Ageratum conyzoides* L.) Untuk Pengendalian Larva *Spodoptera litura* dan *Plutella xylostella*. *LenteraBio : Berkala Ilmiah Biologi*, 9(3), 233–238. <https://doi.org/10.26740/lenterabio.v9n3.p233-238>

Andini, C., & Yuliani, Y. (2021). Pengaruh Pemberian Naungan terhadap Pertumbuhan Tanaman Pokcoy (*Brassica chinensis* L.) di Dataran

	<p>Rendah. LenteraBio : Berkala Ilmiah Biologi, 9(2), 105-108. <a href="https://doi.org/10.26740/lenterabio.v9n2.p105-108">https://doi.org/10.26740/lenterabio.v9n2.p105-108</a></p> <p>Ayulistiana, D., &amp; Yuliani, Y. (2020). The Practicality of Problem Solving E-Book in Plant Growth and Development Material to Train Critical Thinking Skills. Berkala Ilmiah Pendidikan Biologi (BioEdu), 9(3), 560-564. <a href="https://doi.org/10.26740/bioedu.v9n3.p560-564">https://doi.org/10.26740/bioedu.v9n3.p560-564</a></p> <p>Wati, R. T., &amp; Yuliani, Y. (2020). Pengembangan Lembar Kegiatan Peserta Didik (LKPD) Berbasis Problem Based Learning (PBL) Submateri Transpor Membran untuk Melatihkan Keterampilan Berpikir Kritis. Berkala Ilmiah Pendidikan Biologi (BioEdu), 9(2), 340-349. <a href="https://doi.org/10.26740/bioedu.v9n2.p340-349">https://doi.org/10.26740/bioedu.v9n2.p340-349</a></p> <p>Yuliani, Fida Rachmadiarti, Sari Kusuma Dewi, Mahanani Tri Asri and Agoes Soegianto. 2019. Total Phenolic and Flavonoid Contents of Elephantopus scaber and Ageratum conyzoides (Asteraceae) Leaves Extracts from Various Altitude Habitats. Eco. Env. &amp; Cons. 25 (July Suppl. Issue): 2019; pp. (S106- S113) Copyright@ EM International ISSN 0971-765X</p> <p>Purwanti, K. E., &amp; Yuliani, Y. (2020). The Development of Student Worksheet Based on Guided Inquiry for Transport Membrane Topic to Train Integrated Science Process Skills. Berkala Ilmiah Pendidikan Biologi (BioEdu), 9(3), 356-365. <a href="https://doi.org/10.26740/bioedu.v9n3.p356-365">https://doi.org/10.26740/bioedu.v9n3.p356-365</a></p> <p>Mursitaningrum, R., Yuliani, Y., &amp; Yakub, P. (2019). Keefektifan Lkpd Berbasis Guided Discovery Untuk Melatihkan Keterampilan Proses Sains Terintegrasi Pada Materi Fotosintesis. Berkala Ilmiah Pendidikan Biologi (Bioedu), 8(3). Retrieved From <a href="https://ejournal.unesa.ac.id/index.php/bioedu/article/view/31346">https://ejournal.unesa.ac.id/index.php/bioedu/article/view/31346</a></p> <p>Soewondo, A., &amp; Yuliani, Y. (2019). Effectiveness Of Ctl-Based Student Worksheet In Membrane Transport Matter To Facilitate Student's Critical Thinking Ability. Berkala Ilmiah Pendidikan Biologi (Bioedu), 8(3). Retrieved From <a href="https://ejournal.unesa.ac.id/index.php/bioedu/article/view/31355">https://ejournal.unesa.ac.id/index.php/bioedu/article/view/31355</a></p> <p>Yuliani, Sari Kusuma Dewi, Fida Rachmadiarti. 2018. The Morphological, Anatomical, and Physiological Characteristics of Elephantopus scaber as Explant Source for Tissue Culture. International Conference on Science and Technology (ICST 2018). Atlantis Highlights in Engineering (AHE). 1 : 61-66</p> <p>Yuliani, Yuni Sri Rahayu, Sari Kusuma Dewi. 2018. Effectiveness of Inquiry Learning Model in Photosynthesis and Respiration Material to Increase Of Science Process Skills For Biology Education Students. Proceeding ICER 2018 Faculty of Education Khon Kaen University, Khon Kaen (Thailand). Anna Offset.ISBN:978-616-438-310-4. P 600</p>

	<i>Organization</i>	<i>Role</i>	<i>Period</i>
<b>Activities in specialist bodies</b>	Indonesian Biological Association (PBI)	Member	2006
	Researchers and Educators (HPPBI)	Staff of Research&Community Services	2018 – Now