

Prof. Dr. ENDANG SUSANTINI, M.Pd.

Position as a:

Lecturer of Biology Innovative Learning;
Professor of Biology Learning Strategies



ACADEMIC CAREER

Degree	University	Year
Bachelor Program in Biological Education	IKIP Surabaya, Indonesia	1984 – 1990
Master Program in Biological Education	IKIP Malang, Indonesia	1990 – 1993
Doctoral Program in Biological Education	Universitas Negeri Malang, Indonesia	1999 - 2004

EMPLOYMENT

Position	Employer at	Period
Lecturer in Biology Department	Universitas Negeri Surabaya, Indonesia	1991 – now
Professor of Biology Learning Strategies	Universitas Negeri Surabaya, Indonesia	2011 – now
Head of the Biological Education Study Program	Universitas Negeri Surabaya, Indonesia	2016 - 2019

ACTIVITY IN SPECIALIST BODIES

Organization Role	Position	Period
Indonesian Association of Biology Researchers and Educators (HPPBI)	Advisor	2018 – now
World Association of Lesson Studies (WALS)	Member	2017 - now

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R&D PROJECTS OVER THE LAST 5 YEARS

Project(s)	Amount of Financing
2015-2016: Pengembangan Video Pembelajaran Pendekatan Saintifik untuk Mengembangkan Keterampilan Mengajar Calon Guru MIPA Partnership with: Universitas Negeri Malang, Indonesia	IDR 125.000.000/year
2017-2019: Pengembangan Perangkat Perkuliahan Biologi Berorientasi Strategi Metakognitif Untuk Melatih Strategi Belajar Metakognitif	IDR 120.000.000/year

PATENTS AND PROPRIETARY RIGHTS OVER THE LAST 5 YEARS

Intellectual Property Rights Title / Theme	Year
Video Pembelajaran Pendekatan Saintifik Berbasis Model Kooperatif pada Topik Hujan Asam Registration Number: C00201602928 Registration Date: August 4 th , 2016	2016
Video Pembelajaran Pendekatan Saintifik pada Model Pembelajaran Inkuiri pada Topik Faktor-faktor yang Mempengaruhi Laju Reaksi Registration Number: C00201602903 Registration Date: August 4 th , 2016	2016
Panduan Micro Teaching untuk Dosen, Mahasiswa, dan Crew Registration Number: C00201701518 Registration Date: April 12 th , 2017	2017
Strategi Belajar Metakognitif: Teori dan Implementasi Registration Number: EC00201807463 Registration Date: March 28 th , 2018	2018
Video Pembelajaran Strategi Metakognitif: Melatihkan I-Mindmap Melalui Direct Instruction pada Topik Ekosistem Registration Number: EC00201941486 Registration Date: May 28 th , 2019	2019

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IMPORTANT PUBLICATIONS OVER THE LAST 5 YEARS

Publication References	Year
Susantini, E., Isnawati, & Lisdiana, L. (2016). Effectiveness of Genetics Student Worksheet to Improve Creative Thinking Skills of Teacher Candidate Students. <i>Journal of Science Education</i> , 17(2), 74–79	2016
Susantini, E., Faizah, U., Prastiwi, M. S., & Suryanti. (2016). Developing Educational Video to Improve The Use of Scientific Approach in Cooperative Learning. <i>Journal of Baltic Science Education</i> , 15(6), 725–737	2016
Setyowidodo, I., Jatmiko, B., Susantini, E., Widodo, S., & Shofwan, A. (2017). Effect of Physics Problem Solving on Structures Schemes and Knowledge Associations. In <i>Journal of Physics: Conference Series</i> (Vol. 895)	2017
Susantini, E., Lisdiana, L., Isnawati, Tanzih Al Haq, A., & Trimulyono, G. (2017). Designing Easy DNA Extraction: Teaching Creativity through Laboratory Practice. <i>Biochemistry and Molecular Biology Education</i> , 45(3), 216–225	2017
Susantini, E., Indana, S., & Isnawati. (2018). Using Metacognitive Strategy to Teach Learning Strategies: A Study of Indonesian Pre-Service Biology Teachers. <i>The New Educational Review</i> , 52(2), 258–268	2018
Susantini, E., Faizah, U., Yonata, B., Kurniasari, I., & Suryanti. (2018). Using Instructional Video to improve Awareness of Scientific Approach in Science Classroom. <i>Asia-Pacific Forum on Science Learning and Teaching</i> , 19(1)	2018
Hadi, S. A., Susantini, E., & Agustini, R. (2018). Training of Students' Critical Thinking Skills through the implementation of a Modified Free Inquiry Model. In <i>Journal of Physics: Conference Series</i> (Vol. 947)	2018
Ariani, S., Rahayu, Y. S., & Susantini, E. (2018). The Influence of Inquiry Method on Student Learning Result with Different Class Learning Style on Plantae Material. In <i>Journal of Physics: Conference Series</i> (Vol. 1108)	2018
Erlina, N., Susantini, E., Wasis, Wicaksono, I., & Pandiangan, P. (2018). The Effectiveness of Evidence-Based Reasoning in Inquiry-based Physics Teaching to Increase Students' Scientific Reasoning. <i>Journal of Baltic Science Education</i> , 17(6), 972–985	2018
Siswanto, J., Susantini, E., & Jatmiko, B. (2018). Practicality and Effectiveness of the IBMR Teaching Model to Improve Physics Problem Solving Skills. <i>Journal of Baltic Science Education</i> , 17(3), 381–394	2018
Siswanto, J., Susantini, E., & Jatmiko, B. (2018). Multi-representation based on Scientific Investigation for Enhancing Students' Representation Skills. In <i>Journal of Physics: Conference Series</i> (Vol. 983)	2018
Evendi, Susantini, E., Wasis, W., & Prahani, B. K. (2018). Improving Students' Scientific Asking Skills through the Implementation of Question Webs Based Learning Model. In <i>Journal of Physics: Conference Series</i> (Vol. 1108).	2018

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IMPORTANT PUBLICATIONS OVER THE LAST 5 YEARS

Publication References	Year
Susantini, E., Sumitro, S. B., Corebima, A. D., & Susilo, H. (2018). Improving Learning Process in Genetics Classroom by Using Metacognitive Strategy. <i>Asia Pacific Education Review</i> , 19(3), 401–411	2018
Hunaidah, H., Susantini, E., Wasis, W., Prahani, B. K., & Mahdiannur, M. A. (2018). Improving Collaborative Critical Thinking Skills of Physics Education Students through Implementation of CinQASE Learning Model. In <i>Journal of Physics: Conference Series</i> (Vol. 1108)	2018
Susantini, E., Kurniasari, I., Fauziah, A. N. M., Prastowo, T., Kholiq, A., & Rosdiana, L. (2018). Engaging Pre-Service Teachers to Teach Science Contextually with Scientific Approach Instructional Video. In <i>IOP Conference Series: Materials Science and Engineering</i> (Vol. 296)	2018
Erlina, N., Susantini, E., & Wasis, W. (2018). Common False of Student's Scientific Reasoning in Physics Problems. In <i>Journal of Physics: Conference Series</i> (Vol. 1108)	2018
Susantini, E., Indana, S., Isnawati, & Nursanti, A. (2019). Enabling Indonesian Pre-Service Teachers to Design Biology Learning Tools Using Metacognitive Strategy. <i>Jurnal Pendidikan IPA Indonesia</i> , 8(3), 391–397	2019
Karmana, I. W., Ibrahim, M., & Susantini, E. (2019). Development of Karmana-Problem Based Learning Model to Train Problem Solving Skills and Concept Mastery of Biology Teacher Candidates. In <i>Journal of Physics: Conference Series</i> (Vol. 1227).	2019