

## STAFF HANDBOOK



<b>Name</b>	<b>Dr. Sukarmin, M.Pd.</b>		
<b>Position</b>	<b>Lecturer on Chemistry Education</b>		
<b>Academic Career</b>	<b>Degree</b>	<b>University</b>	<b>Year</b>
	Bachelor Degree (Chemistry Education)	IKIP Surabaya	1992
	Master Degree (Natural Sciences Education)	IKIP Surabaya	1998
	Doctoral Degree (Natural Sciences Education)	Universitas Negeri Surabaya	2018
<b>Employment</b>	<b>Position</b>	<b>Employer</b>	
	Associate Professor	Universitas Negeri Surabaya	
<b>Research and Development Project Over the Last 5 Years</b>	<b>Title</b>	<b>Funder</b>	<b>Year</b>
	Efektivitas Multimedia Interaktif (MMI) dan Kit dengan Strategi Writing-to-Learn (WTL) dalam Pembelajaran IPA untuk Siswa Tunarungu (Effectiveness of Interactive Multimedia and Kits with a Writing to-Learn (WTL) Strategy in Science Learning for Hearing Impairment Students)	DRPM	2017 - 2019
	Desain Model Laboratorium Virtual Kimia Anorganik Berbasis Blended Learning untuk Meningkatkan Literasi Kimia (Design of Virtual Inorganic Chemistry Laboratory Model Based on Blended Learning to Improve Chemistry Literacy)	Penelitian Strategis Nasional Institusi	2017 - 2018
	Bioremediasi Sebagai Upaya Penanganan Pencemaran Logam Berat Pada Tanah di Sekitar Jurusan Kimia FMIPA Unesa (Bioremediation as an Effort to Handle Heavy Metal Pollution in Soil Around Chemistry Department Faculty of Mathematics and Natural Sciences Universitas	Penelitian Kebijakan FMIPA Unesa	2017

	Negeri Surabaya		
	Perancangan Content Pembelajaran Blended Learning (Gradeical Learning, E-Learning, dan Field Study) Berbasis Web Lite Course pada Mata Kuliah Kimia Anorganik 2 (Blended Learning Content Designing (Gradeical Learning, Elearning, and Field Study) Web Lite Course-based In Inorganic Chemistry 2 Courses)	Hibah Bersaing Dikti	2016
	Pengembangan Kit Analisis Semimikro Kation dan Anion untuk Menunjang Perkuliahan Kimia Analisis Kualitatif (Development of Cation and Anion Semimicro Analysis KIT to Support Qualitative Analytical Chemistry Lectures)	BOPTN	2016
	Implementasi Perkuliahan Blended Learning pada Mata Kuliah Pembelajaran Inovatif di Jurusan Kimia FMIPA Unesa (Implementation of Blended Learning Lectures in Innovative Learning II Courses in Chemistry Department Faculty of Mathematics and Natural Sciences Universitas Negeri Surabaya)	BOPTN	2016
<b>Community Service Over The Last 5 Years</b>	<b>Title</b>	<b>Funder</b>	<b>Year</b>
	Pelatihan Penggunaan Virtual Lab Kimia untuk Menunjang pembelajaran Kimia di Kota Blitar	BOPTN	2017
	Pelatihan Penggunaan Laboratorium Virtual sebagai Media Pembelajaran Kimia bagi Guru di MGMP Kimia Kabupaten Banyuwangi	BOPTN	2016
<b>Industry Collaborations Over the Last 5 Years</b>	<b>Title</b>	<b>Partner</b>	<b>Year</b>
<b>Patents and Property Right</b>	<b>Title</b>	<b>Patent ID</b>	<b>Year</b>
	Kit Kimia dalam Kehidupan Sehari-hari untuk SMALB Tunarungu (Chemistry Kit in Daily Life for Hearing impairment Special High School)	Copyright Registration Number: 000108185	2018
	CD Media Pembelajaran (Learning Media CD)	Copyright Registration Number: 081940	2016
<b>Important Publications</b>	1. <b>Sukarmin</b> , et.al. (2019). Development Of Chemical On Household Interactive Multimedia And Kit For Hearing Impairment Students Of		

**Over the Last 5  
Years**

- Junior High School For Disabilities. *JPPS*. 2019. 8(2):1727-1734.
2. **Sukarmin**, Suyono and Wasis. (2019). Remediation Of Students' Misconception Based On Their Learning Style Through Guided Conceptual Change Strategies In The Concept Of Electrochemistry. *Atlantis Highlights in Chemistry and Pharmaceutical Science*. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-8772.
  3. Tualeka, A.R., Sukarmin, et.al. (2019). Relationship of Benzene Exposure to Trans, Trans-Muconic Acid and Blood Profile of Shoe Workers in Romokalisari Surabaya, Indonesia. *Maced J Med Sci*. 2019 Mar 14;7(5):816-823.
  4. Tualeka, A.R., Sukarmin, et.al. (2019). Determination of Highest Dose of Ammonia without Effect at WorkEnvironment through the Expression of Interleukin-2 Cell in Rattus Novergicus. *Maced J Med Sci*. 2019 Mar 14;7(6):897-902.
  5. Tualeka, A.R., Sukarmin, et.al. (2019). Requirement Prediction for Toluene Detox with Foods Intake Rich in CYP2E1 Enzyme and Glycine to Prevent Nerve and Kidney Damage at Shoe Home Industry Workers in Romokalisari Surabaya. *Maced J Med Sci*. 2019 Jun 10;7(11):1788-1793.
  6. Hidayah, R., **Sukarmin** and Lutfi, A. (2018). Pelatihan Penggunaan Laboratorium Virtual Sebagai Media Pembelajaran Kimia bagi Guru di MGMP Kimia Kabupaten Banyuwangi. *Jurnal Abdi* Vol 2, No 2, pp: 87-90.
  7. **Sukarmin** and Suyono. (2018). The Use of Interactive Multimedia in Balancing Redox Reactions for Facilitating Learning Style Differences. *Advances in Engineering Research, Atlantis Press Volume 171* ISSN: 2352-5401, ISBN: 978-94-6252-591-7.
  8. **Sukarmin**, Poedjiastoeti, S., Novita, D., and Lutfi, A. (2018). Effectivity of Interactive Multimedia and Student Activity Sheets with Writing-to-Learn (WTL) Strategy in Science Learning for Hearing Impairment Students. *Advances in Engineering Research, Atlantis Press Volume 171* ISSN: 2352-5401, ISBN: 978-946252-591-7.
  9. Wulandari, G.E., **Sukarmin** and Hidayah, R. (2018). Development of Anti Miskim Software to Reduce Misconception with Conceptual Change Text Strategy Students of Grade X in Chemical Bonding Material. *Advances in Engineering Research, Atlantis Press Volume 171* ISSN: 2352-5401, ISBN: 978-94-6252-591-7.
  10. Dwiningsih, K., **Sukarmin**, Muchlis, and Maharani, D.K. (2018). Development of Virtual Laboratory Inorganic Chemistry of Main Elements Based on Blended Learning Using POGIL Strategy. *Advances in Engineering Research, Atlantis Press Volume 171*, ISSN: 2352-5401, ISBN: 978-94-6252-591-7.
  11. Dwiningsih, K., **Sukarmin**, Muchlis and Rahma, P.T.. (2018). Pengembangan Media Pembelajaran Kimia Menggunakan Media Laboratorium Virtual Berdasarkan Paradigma Pembelajaran di Era Global. *Kwangsan Jurnal Teknologi Pendidikan* Vol 06, No 02, ISSN: 2622-4283, Print ISSN: 2338-9184 10.31800/jtp.kw.v6n2.p156—176.
  12. Amirah, T. and **Sukarmin**. (2017). Pengembangan Media Kit Praktikum dalam Laboratorium Skala Kecil dengan Strategi Pogil untuk Melatihkan Keterampilan Proses pada Materi Larutan Asam Basa. *Unesa Journal of Chemical Education* Vol 6 No 2 pp: 357-361.
  13. Windawati, D.M. and **Sukarmin**. (2016). Pengembangan Media Interaktif Chembond (Chemical Bonding) sebagai Media Pembelajaran

	pada Materi Ikatan Kimia Kelas X SMA. <i>Unesa Journal of Chemical Education Vol 5 No 3, pp: 629-636.</i>		
<b>Activities in Specialist Bodies Over the Last 5 Years</b>	<b>Role</b>	<b>Position</b>	<b>Period</b>
	Himpunan Kimia Indonesia (HKI)	Member	2010 - now