



Dr. Sukarmin, M.Pd.

Position	Chemistry Education Lecturer			
	Lecturer in Chemistry Education			
Academic Career	Degree	University	Year	
	Bachelor Degree (Chemistry Education)	IKIP Surabaya	1987-1992	
	Master Degree (Natural Sciences Education)	IKIP Surabaya	1995-1998	
	Doctoral Degree (Natural Sciences Education)	Universitas Negeri Surabaya	2018	
Employment	Position	Employer	Period	
	Associate Professor	Universitas Negeri Surabaya – Indonesia		
Research and Development Projects Over The Last 5 Years	Title	Year	Partner/Funder	Amount of Financing
	Implementasi Perkuliahan Blended Learning pada Mata Kuliah Pembelajaran Inovatif di Jurusan Kimia FMIPA Unesa <i>(Implementation of Blended Learning Lectures in Innovative Learning II Courses in Chemistry</i>	2016	BOPTN	Rp. 10.000.000,00

	<i>Department Faculty of Mathematics and Natural Sciences Universitas Negeri Surabaya)</i>			
	Pengembangan Kit Analisis Semimikro Kation dan Anion untuk Menunjang Perkuliahan Kimia Analisis Kualitatif <i>(Development of Cation and Anion Semimicro Analysis KIT to Support Qualitative Analytical Chemistry Lectures)</i>	2016	BOPTN FMIPA	Rp. 10.000.000,00
	Perancangan Content Pembelajaran Blended Learning (Gradeical Learning, E-Learning, dan Field Study) Berbasis Web Lite Course pada Mata Kuliah Kimia Anorganik 2 <i>(Blended Learning Content Designing (Gradeical Learning, E-learning, and Field Study) Web Lite Course-based in Inorganic Chemistry 2 Courses)</i>	2016	Hibah Bersaing (DIKTI)	Rp. 50.000.000,00
	Bioremediasi Sebagai Upaya Penanganan Pencemaran Logam Berat Pada Tanah di Sekitar Jurusan Kimia FMIPA Unesa <i>(Bioremediation as an Effort to Handle Heavy Metal Pollution in Soil Arround Chemistry Department Faculty of Mathematics and Natural</i>	2017	Penelitian Kebijakan FMIPA Unesa	Rp. 10.000.000,00

	<i>Sciences Universitas Negeri Surabaya)</i>			
	Desain Model Laboratorium Virtual Kimia Anorganik Berbasis Blended Learning untuk Meningkatkan Literasi Kimia (<i>Design of Virtual Inorganic Chemistry Laboratory Model Based on Blended Learning to Improve Chemistry Literacy</i>)	2017	Penelitian Produk Terapan	Rp. 43.466.000,00
	Efektivitas Multimedia Interaktif (MMI) dan Kit dengan Strategi Writing-to-Learn (WTL) dalam Pembelajaran IPA untuk Siswa Tunarungu (<i>The Effectiveness of Interactive Multimedia and Kits with a Writing-to-Learn (WTL) Strategy in Science Learning for Hearing Impairment Students</i>)	2017	Penelitian Unggulan Perguruan Tinggi	Rp. 98.787.000,00
	Desain Model Laboratorium Virtual Kimia Anorganik Berbasis Blended Learning untuk Meningkatkan Literasi Kimia (<i>Design of Virtual Inorganic Chemistry Laboratory Model Based on Blended Learning to Improve Chemistry Literacy</i>)	2018	Penelitian Strategis Nasional Institusi	Rp. 50.000.000,00
	Efektivitas Multimedia Interaktif (MMI) dan Kit dengan Strategi	2018	Penelitian Terapan	Rp. 140.000.000,00

	Writing-to-Learn (WTL) dalam Pembelajaran IPA untuk Siswa Tunarungu <i>(The Effectiveness of Interactive Multimedia and Kits with a Writing-to-Learn (WTL) Strategy in Science Learning for Hearing Impairment Students)</i>		Unggulan Perguruan Tinggi	
	Efektivitas Multimedia Interaktif (MMI) dan Kit dengan Strategi Writing-to-Learn (WTL) dalam Pembelajaran IPA untuk Siswa Tunarungu <i>(Effectiveness of Interactive Multimedia and Kits with a Writing-to-Learn (WTL) Strategy in Science Learning for Hearing Impairment Students)</i>	2019	Penelitian Terapan Unggulan Perguruan Tinggi Lanjutan, Dana DRPM Mono Tahun	Rp. 216.400.000,00
Community Service Over The Last 5 Years	Title	Year	Partner/Funder	Amount of Financing (million)
	Pelatihan Penggunaan Laboratorium Virtual sebagai Media Pembelajaran Kimia bagi Guru di MGMP Kimia Kabupaten Banyuwangi	2016	BOPTN FMIPA	7,5
	Pelatihan Penggunaan Virtual Lab Kimia untuk Menunjang pembelajaran Kimia di Kota Blitar	2017	BOPTN FMIPA	7,5
Industry Collaborations Over The Last 5				

Years			
Patents and Proprietary Rights	Title	Patent ID	Year
	CD Media Pembelajaran (<i>Learning Media CD</i>)	Copyright Registration Number: 081940	2016
	Kit Kimia dalam Kehidupan Sehari-Hari untuk SMALB Tunarungu (<i>Chemistry Kit in Daily Life for Hearing impairment Special High School</i>)	Copyright Registration Number: 000108185	2018
Important Publication Over The Last 5 Years	<ol style="list-style-type: none"> 1. D. M. Windawati and Sukarmin. 2016. Pengembangan Media Interaktif Chembond (Chemical Bonding) sebagai Media Pembelajaran pada Materi Ikatan Kimia Kelas X SMA (Development of Chembond (Chemical Bonding) Interactive Media as Learning Media on High School Grade X Chemical Bonding Materials). <i>Unesa Journal of Chemical Education Vol 5 No 3, pp: 629-636.</i> 2. T. Amirah and Sukarmin. 2017. Pengembangan Media Kit Praktikum dalam Laboratorium Skala Kecil dengan Strategi Pogil untuk Melatihkan Keterampilan Proses pada Materi Larutan Asam Basa (Development of Practicum Media Kit in Small Scale Laboratories with Pogil Strategy to Practice Process Skills in Acid Base Topic). <i>Unesa Journal of Chemical Education Vol 6 No 2 pp: 357-361.</i> 3. R. Hidayah, Sukarmin and A. Lutfi. 2018. Pelatihan Penggunaan Laboratorium Virtual Sebagai Media Pembelajaran Kimia bagi Guru di MGMP Kimia Kabupaten Banyuwangi (Training of Virtual Laboratory Usage as a Chemistry Learning Media for Teachers at Chemistry Teacher Organization in Banyuwangi District). <i>Jurnal Abdi Vol 2, No 2, pp: 87-90.</i> 4. Sukarmin and Suyono. 2018. The Use of Interactive Multimedia in Balancing Redox Reactions for Facilitating Learning Style Differences. <i>Advances in Engineering Research, Atlantis Press Volume 171 ISSN: 2352-5401, ISBN: 978-94-6252-591-7.</i> 5. Sukarmin, S. Poedjiastoeti, D. Novita, A. Lutfi. 2018. Effectivity of Interactive Multimedia and Student Activity Sheets with Writing-to-Learn (WTL) Strategy in Science Learning for Hearing Impairment Students. <i>Advances in Engineering Research, Atlantis Press Volume 171 ISSN: 2352-5401, ISBN: 978-94-6252-591-7.</i> 6. G.E. Wulandari, Sukarmin and R. Hidayah. 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.*
7. K. Dwiningsih, **Sukarmin**, Muchlis, D.K. Maharani. 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.*
 8. K. Dwiningsih, **Sukarmin**, Muchlis and P. T. Rahma. 2018. Pengembangan Media Pembelajaran Kimia Menggunakan Media Laboratorium Virtual Berdasarkan Paradigma Pembelajaran di Era Global (Development of Chemistry Learning Media Using Virtual Laboratory Media Based on Learning Paradigms in the Global Era). *Kwangsan Jurnal Teknologi Pendidikan Vol 06, No 02, ISSN: 2622-4283, Print ISSN: 2338-9184 10.31800/jtp.kw.v6n2.p156—176.*
 9. **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: 978-94-6252-877-2.*
 10. A.R. Tualeka, **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.*
 11. A.R. Tualeka, **Sukarmin**, et.al. 2019. Determination of Highest Dose of Ammonia without Effect at Work Environment through the Expression of Interleukin-2 Cell in Rattus Novergicus. *Maced J Med Sci. 2019 Mar 14;7(6):897-902.*
 12. A.R. Tualeka, **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.*
 13. **Sukarmin**. 2019. Development Of Chemical On Household Interactive Multimedia And Kit For Hearing Impairment Students Of Junior High School For Disabilities. *JPPS. 2019. 8(2):1727-1734.*

Activities in Special Institution	Organization Role	Position	Period
	Himpunan Kimia Indonesia (HKI)	Member	2010-Now