



Koordinator Program Studi Pendidikan Kimia  
 Universitas Negeri Jakarta  
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<b>TEMPAT, TGL LAHIR</b>	Jakarta, 30 July 1980
<b>RIWAYAT PENDIDIKAN</b>	<p><b>April 2009-January 2013</b> Curtin University, Australia                  PhD in Science Education</p> <p><b>January 2008-December 2008</b> Curtin University of Technology, Australia                  Master of Science Education with Distinction</p> <p><b>January 2007-November 2007</b> Curtin University of Technology, Australia                  Postgraduate Diploma in Science Education with Distinction</p> <p><b>1999 – 2003</b> Universitas Negeri Jakarta                  S1 Pendidikan Kimia</p>
<b>RIWAYAT PEKERJAAN</b>	<p><b>January 2005-saat ini</b> Universitas Negeri Jakarta                  Dosen Pendidikan Kimia</p> <p><b>November 2019-saat ini</b> Universitas Negeri Jakarta                  Koordinator Program Studi Pendidikan Kimia</p> <p><b>Agustus 2014-2019</b> Universitas Negeri Jakarta                  Staf Wakil Rektor Bidang Perencanaan dan Kerjasama</p> <p><b>April 2009- Maret 2013</b> Curtin University, Australia                  Research Assisstant</p> <p><b>July 2008-June 2010</b> Curtin University, Australia                  Tutor for Postgraduate Students</p>
<b>PENGHARGAAN &amp; SCHOLARSHIP (SELECTED)</b>	<ul style="list-style-type: none"> <li>• Women in Academic Leadership, DAAD, Germany, 2019</li> <li>• Dosen Berprestasi, Universitas Negeri Jakarta, 2017.</li> <li>• DIES Training Scholarship, UNILEAD. DAAD, Oldernburg, Germany. 2016.</li> <li>• Australia Partnership Scholarship (APS), Master Degree, 2006-2008</li> <li>• Curtin International Research Tuition Scholarship and Australia Research Grant (ARC), Doctoral Degree, 2009-2013</li> </ul>
<b>SELECTED HIBAH PENELITIAN (SELECTED)</b>	<ul style="list-style-type: none"> <li>• <b>Rahmawati, Y.,</b> dkk. (2021). Students' Empowerment In Education Sustainability Through Integration Of Dilemma Teaching Pedagogy In Chemistry Learning.</li> <li>• <b>Rahmawati, Y.,</b> , dkk. (2019-2021).Pengembangan Literasi Sains Dan Identitas Budaya Siswa Melalui PendekatanEthnopedagogy Dalam Pembelajaran IPA. Kemristekdikti.</li> <li>• <b>Rahmawati, Y.,</b> , dkk. (2019-2020). Integrasi Dilemmas Stories Pada Proyek STEAM (Science, Technology, Engineering, Art, And Mathematics) Dalam Pembelajaran Kimia Untuk Mengembangkan Keterampilan Abad 21 Siswa. Kemristekdikti</li> <li>• <b>Rahmawati, Y.,</b> , dkk. (2019-2020).Pengembangan Karakter Dan Identitas Budaya Siswa Melalui Model Pembelajaran <i>Culturally Responsive Teaching</i> Terintegrasi Etnokimia</li> <li>• <b>Rahmawati, Y.,</b> , dkk. (2017).UMAP, Research Net Grant Awardee. University Mobility in Asia and the Pacific, Japan.</li> <li>• <b>Rahmawati, Y.,</b> , dkk. (2017-2018). Pengembangan Karakter Dan Identitas Budaya Siswa Melalui Model Pembelajaran <i>Culturally Responsive Teaching</i> Terintegrasi Etnokimia. Hibah Sosial Humaniora dan Pendidikan, Kompetitif Nasional, Kemristekdikti (2017)</li> <li>• <b>Rahmawati, Y.,</b> , dkk. (2017-2018). Pengembangan Keterampilan Abad 21 Melalui Model Pembelajaran STEAM (Science, Technology Engineering, Art, and Mathematics) Pada Pembelajaran Kimia. Hibah Produk Terapan, Desentralisasi, Kemristekdikti (2017)</li> <li>• <b>Rahmawati, Y.,</b> , dkk. (2017). Analisis Miskonsepsi Mahasiswa Calon Guru Kimia pada Konsep</li> </ul>

	<p><i>Particulate Of Matter</i>. Hibah Penelitian FMIPA (2017)</p> <ul style="list-style-type: none"> <li>• <b>Rahmawati, Y.</b>, , dkk. (2017). Development of Students' 21st Century Skills through Student Mobility In International Multidisciplinary Project Based Learning. UMAP Grant, Japan (2016)</li> <li>• <b>Rahmawati, Y.</b>, , dkk. (2016). Analisis Mental Model Calon Guru Kimia Pada Mata Kuliah Telaah Kurikulum Kimia. Hibah Penelitian FMIPA (2016)</li> <li>• <b>Rahmawati, Y.</b>, , dkk. (2016). Evaluasi Kurikulum Magister Pendidikan Kimia Sebagai Strategi Pencapaian Kompetensi Lulusan Dan Penyelesaian Studi Mahasiswa Tepat Waktu FMIPA UNJ. Hibah Penelitian FMIPA (2016)</li> <li>• <b>Rahmawati, Y.</b>, , dkk. (2015). Pengembangan Model Pembelajaran Kimia Berbasis Socio-Critical And Problem Oriented Sebagai Upaya Pengembangan Soft Skills Siswa Dalam Pembelajaran Kimia. Hibah Penelitian FMIPA (2015)</li> <li>• <b>Rahmawati, Y.</b>, , dkk. (2015). Pembelajaran dilemmas stories dalam upaya pengintegrasian nilai-nilai karakter dan budaya serta pengembangan Soft Skills siswa pada pembelajaran kimia. Hibah Fundamental, Desentralisasi, Kemristekdikti (2015)</li> </ul>
<p><b>PUBLIKASI JURNAL (SELECTED)</b></p>	<ul style="list-style-type: none"> <li>• Chai, CS., <b>Rahmawati, Y.</b>, Siu-Yung, M. Jong. (2020). Indonesian Science, Mathematics, and Engineering Preservice Teachers' Experiences in STEM-TPACK Design-Based Learning. Sustainability, MDPI</li> <li>• <b>Rahmawati, Y.</b>, Taylor, P., Taylor, E., Koul, R. (2020). Student empowerment in a constructivist values learning environment for a healthy and sustainable world, Learning Environment Research, <a href="https://doi.org/10.1007/s10984-020-09336-9">https://doi.org/10.1007/s10984-020-09336-9</a>, Springer</li> <li>• Cahyana, U., <b>Rahmawati, Y.</b>, Paristiwati, M, Sasmoko, Ahman, Ferdianto, J., Dudung, A. (2020). Ethnopedagogy Integration with Mobile Learning to Improve Students' Learning Achievement in Remote Areas</li> <li>• Adriyawati, Utomo, E, <b>Rahmawati, Y.</b> Mardiana, A. (2020). STEAM-Project-Based Learning Integration to Improve Elementary School Students' Scientific Literacy on Alternative Energy Learning. Universal Journal of Educational Research, 8(5): 1863-1873.</li> <li>• Barke, H-D, Wisudawati, A.W, Wilag, M.H.P, Buchter, J., <b>Rahmawati, Y.</b>(2019). Acid-base and redox reactions on submicro level: Misconceptions and challenge. African Journal of Chemical Education, 9(1), 2019</li> <li>• Blackley, S., <b>Rahmawati, Y.</b>, Fitriani, E., Sheffield, R., Koul.R. (2018). Using a Makerspace approach to engage Indonesian primary students with STEM. Issues in Educational Research, 28(1), WAIER</li> <li>• Ridwan, A. <b>Rahmawati, Y.</b> Hadinugrahaningsih, T. (2018). STEAM Integration in Chemistry Learning for Developing 21st Century Skills MIER Journal of Educational Studies, Trends and Practices ,7(2).</li> <li>• <b>Rahmawati, Y.</b>, &amp; Taylor, P.C. (2017). "The Fish Becomes Aware of The Water in Which It Swims": Revealing The Power of Culture in Shaping My Teaching Identity. <i>Culture Studies on Science Education</i>. DOI 10.1007/s11422-016-9801-1, Online, 17 August 2017. Springer.</li> <li>• <b>Rahmawati, Y.</b>, &amp; Ridwan, A. (2017). <i>Empowering Students' Chemistry Learning: The Integration of Ethnochemistry in Culturally Responsive Teaching Chemistry: Bulgarian Journal of Science Education</i>, 26 (60).</li> <li>• Suryadi, B., &amp; <b>Rahmawati, Y.</b> (2017). <i>Integrated Moral Values in Standard Based Assessment: Opportunities and Challenges of Computer-Based Test in Indonesia National Examination Turkish Online Journal of Educational Technology (TOJET), Special Issue for INTE 2017</i></li> <li>• <b>Rahmawati, Y.</b>, dkk. (2017). <i>Integration of a Socio-Critical and Problem-Oriented Approach in Chemistry Learning for Students' Soft Skills Development. MIER Journal of Educational Studies, Trends and Practices</i>. 7(1).</li> <li>• <b>Rahmawati, Y.</b>, Koul, R., &amp; Fisher, D. (2016). Fieldwork, co-teaching and co-generative dialogue in lower secondary school environmental science, Issues in Educational Research 26(1).</li> <li>• <b>Rahmawati, Y.</b>, &amp; Taylor, P.C. (2014). Moments of critical realization and appreciation: A transformative chemistry teacher reflects. <i>Reflective Practice Journal</i>, 2014, Routledge, Taylor and Francis Group <a href="http://www.tandfonline.com/doi/full/10.1080/14623943.2014.944142">http://www.tandfonline.com/doi/full/10.1080/14623943.2014.944142</a></li> <li>• <b>Rahmawati, Y.</b>, Koul, R., &amp; Fisher, D. (2014).Teacher-Student Dialogue: Transforming Teacher Interpersonal Behaviour and Pedagogical Praxis through Co-Teaching and Co-Generative Dialogue. <i>Learning Environment Research International Journal</i>, (in press), Springer.</li> <li>• <b>Rahmawati, Y.</b>, The Study Motivation to be Science Teacher. <i>Jurnal Riset Pendidikan Kimia</i> (No. 1, Volume 1, 2013)</li> <li>• <b>Rahmawati, Y.</b>, &amp; Taylor, P.C. (2013). Critical Reflections of a Chemistry Teacher Educator in</li> </ul>

	<p>Revealing Teaching Identity: A Critical Autoethnography Research. Jurnal Riset Pendidikan Kimia (No.1, Volume 1, 2013)</p> <ul style="list-style-type: none"> <li>● <b>Rahmawati, Y.</b>, Koul, R., (2012). Students Perceptions For The Chemistry Laboratory Environment Improvement. Jurnal Riset Pendidikan Kimia, No. 1, Volume 1, 2012)</li> </ul>
<b>HIBAH INTERNATIONAL (SELECTED PROJECTS)</b>	<ul style="list-style-type: none"> <li>● UNILEAD Southeast Asia, DAAD Germany, 2020</li> <li>● Learning for Empathy, UNESCO, 2020</li> <li>● STEM Project with Curtin University, Funded by Australia Indonesia Institute, 2018</li> <li>● Southeast Asia Mobility SAM 21 Programme, University Mobility in Asia and the Pacific, Japan (2016-2017)</li> <li>● Australia Research Council Grant on Co-teaching and Co-generative Dialogue, Perth, Western Australia (2009-2011)</li> </ul>
<b>PEMBICARA (SELECTED)</b>	<ul style="list-style-type: none"> <li>● Invited Speaker, 6<sup>th</sup> International Conference on Education in Moslem Society, 18-19 November 2020</li> <li>● Keynote speaker, Webinar Nasional Pendidikan dan Sains Kimia, UNDANA, 10 Oktober 2020</li> <li>● Facilitator UNESCO, Teacher Training of Learning for empathy, June 2020</li> <li>● Narasumber Pelatihan Penulisan Artikel Ilmiah pada Jurnal Internasional di Universitas Sebelas Maret, 12 Maret 2020</li> <li>● Seminar Guest Lecturer, Chemistry Learning in Industry Revolution 4.0, 17 November 2018, Universitas Lambung Mangkurat, Kalimantan</li> <li>● Nasional Kimia dan Pembelajarannya di Universitas Negeri Malang (UM), 5 November 2017</li> <li>● World Conference on Curriculum and Instruction-ASEAN Forum, Philiphine, 17-19 Agustus 2017</li> <li>● The Association of Southeast Asian Institutions of Higher Learning (ASAIHL), Makassar, 16-19 Mei 2017</li> <li>● TERG Forum, Murdoch University, Western Australia, 3 Juli 2015</li> <li>● Guess Lecture , Universitas Negeri Malang, Transformative Educational Research, 10 Oktober 2015</li> <li>● Diskusi ilmiah dengan tema: desain penelitian kualitatif dalam pendidikan di UPI Bandung, 23 April 2014</li> <li>● Penelitian Kualitatif, Universitas Muhammadiyah Jakarta, 2 Mei 2016</li> </ul>
<b>KEBIJAKAN PUBLIK</b>	<p>Badan Standar Nasional Pendidikan (BSNP) (2014-2020)</p> <ul style="list-style-type: none"> <li>● Tim Ahli Pengembangan Standar Proses Pembelajaran IPA Tematik Terpadu (Standar BSNP)</li> <li>● Tim Ahli Pengembangan Standar Nasional Pendidikan Guru (Standar BSNP)</li> <li>● Tim Ahli Pemantauan Standar Kompetensi Lulusan dan Standar Isi (Standar BSNP)</li> <li>● Tim Ahli Pengembangan Standar Pengembangan Kurikulum (Standar BSNP)</li> <li>● Tim Ahli Pengembangan Standar Isi Matematika dan IPA (Standar BSNP)</li> <li>● Tim Ahli Pengembangan Buku Pendidikan Berbasis Standar</li> <li>● Tim Ahli Pengembangan Arah Kompetensi Lulusan 2045</li> </ul>
<b>REVIEWER</b>	<ul style="list-style-type: none"> <li>● Reflective Practice, Taylor and Francis (Scopus)</li> <li>● Curriculum Journal, Taylor and Francis (Scopus)</li> <li>● Culture Studies of Science Education, Springer (Scopus)</li> <li>● International Journal of Instruction (Scopus)</li> <li>● Indonesian Journal of Chemistry(Scopus)</li> <li>● Dialogic Pedagogy (Scopus)</li> <li>● Journal Eurasia Journal of Mathematics, Science, and Technology Education (Scopus)</li> </ul>