

# CURRICULUM VITAE



## A. BUTIR-BUTIR PERIBADI *(Personal Details)*

Nama Penuh <i>(Full Name)</i>	Norhidayah Suleiman		Gelaran <i>(Title)</i> : Dr.
No. MyKad / No. Pasport <i>(Mykad No. / Passport No.)</i>	Warganegara <i>(Citizenship)</i>	Bangsa <i>(Race)</i>	Jantina <i>(Gender)</i>
850901-04-5056	Malaysian	Malay	Female
Jawatan <i>(Designation)</i>	Senior lecturer	Tarikh Lahir <i>(Date of Birth)</i>	1 Sept. 1985

Alamat Semasa <i>(Current Address)</i>	Jabatan/Fakulti <i>(Department/Faculty)</i>	E-mel dan URL <i>(E-mail Address and URL)</i>
Dept. of Food Technology Faculty of Food Science and Technology Universiti Putra Malaysia 43400 UPM Serdang, Selangor, Malaysia  Tel: 03 8946 8406	SEE ADDRESS   Tel: 03 8946 8406 Fax: 03-89423552	E-mail: su_hidayah@upm.edu.my  URL:  H/P: 018 244 5446

## B. KELAYAKAN AKADEMIK *(Academic Qualification)*

Nama Sijil / Kelayakan <i>(Certificate / Qualification obtained)</i>	Nama Sekolah Institusi <i>(Name of School / Institution)</i>	Tahun <i>(Year obtained)</i>	Bidang pengkhususan <i>(Area of Specialization)</i>
Bachelor of Chemical Engineering	Universiti Teknologi Malaysia	2007	Chemical Engineering-Bioprocess
Masters of Science	Universiti Putra Malaysia	2012	Food Technology: Supercritical fluid extraction
PhD	University of Nottingham, UK	2016	Chemistry: Supercritical fluid-phase behavior

## C. KEMAHIRAN BAHASA *(Language Proficiency)*

Bahasa / Language	Lemah <i>Poor (1)</i>	Sederhana <i>Moderate (2)</i>	Baik <i>Good (3)</i>	Amat Baik <i>Very good (4)</i>	Cemerlang <i>Excellent (5)</i>
English				X	
Bahasa Melayu					X
Chinese					
Lain-lain <i>(other)</i> :					

## D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN *(Scientific experience and Specialisation)*

Organization	Position	Start Date	End Date	Expertise

#### E. PEKERJAAN (Employment)

Majikan / Employer	Jawatan / Designation	Jabatan / Department	Tarikh lantikan / Start Date	Tarikh tamat / Date Ended
Universiti Putra Malaysia	Tutor	Food Technology	2009	2016
Universiti Putra Malaysia	Senior lecturer	Food Technology	August 2016	Present

#### F. ANUGERAH DAN HADIAH (Honours and Awards)

Name of awards	Title	Award Authority	Award Type	Year
Academic Awards	Rampai penyelidik UKM siri 5	Pusat IDEA, UKM	Bronze medal	2018
Academic Awards	Invention, innovation and design exposition (iidex)	Research Innovation Business Unit, Uitm, Malaysia	Gold medal	2017
Academic Awards	Analytical Research Forum	Royal Society of Chemistry, Burlington House, London, UK.	Best Poster	2014
Academic Awards	Malaysia Technology Expo	Kuala Lumpur, Malaysia.	Bronze Medal	2012
Academic Awards	Pameran Reka Cipta (PRPI)	Penyelidikan dan Inovasi, UPM, Malaysia.	Silver Medal	2010
Non-Academic Awards				
Awards of Merit				

#### G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author (s), title, journal, volume, page and year published)

Journal	
	<ol style="list-style-type: none"> <li>1. Ali, M. H., &amp; <b>Suleiman, N.</b> (2018). Eleven shades of food integrity: A halal supply chain perspective. <i>Trends in Food Science and Technology</i>, 71, 216-224.</li> <li>2. Jie, K., Yolanda, S., Murphy, T. S., <b>Suleiman, N.</b>, Poliakoff, M., Rodriguez, J., Ramos, A., George, M. W. (2017) The phase equilibrium and density studies of the ternary mixtures of CO<sub>2</sub> + Ar +</li> </ol>

	<p>N<sub>2</sub> and CO<sub>2</sub> + Ar + H<sub>2</sub>, systems relevance to CCS technology. <i>International Journal of Greenhouse Gas Control</i>, 56, 55-66.</p> <ol style="list-style-type: none"> <li>3. Bartlett, P. N., Burt, J., Cook, D. A., Cummings, C. Y., George, M. W., Hector, A. L., Hasan, M. M., Jie, K., Levason, W., Pugh, D., Reid, G., Richardson, P. W., Smith, D. C., Spencer, J., <b>Suleiman, N.</b>, &amp; Zhang, W. (2016). A Versatile Precursor System for Supercritical Fluid Electrodeposition of Main-Group Materials. <i>Chemistry: A European Journal</i>, 22, 302–309.</li> <li>4. Han, X., Ke, J., <b>Suleiman, N.</b>, Levason, W., Pugh, D., Zhang, W., Reid, G., Licence, P., George, M. W. (2016). Phase behaviour and conductivity of supporting electrolytes in supercritical difluoromethane and 1,1-difluoroethane. <i>Physical Chemistry Chemical Physics</i>, 18(21), 14359–14369.</li> <li>5. Ali, M. H., &amp; <b>Suleiman, N.</b> (2016). Sustainable Food Production: Insights of Malaysian Halal Small and Medium Sized Enterprises. <i>International Journal of Production Economics</i>, 181, 303–314.</li> <li>6. Foltran, S., Vosper, M. E., <b>Suleiman, N.</b>, Wriglesworth, A., Ke, J., Drage, T. C., Poliakoff, M., George, M. W. (2015). Understanding the solubility of water in carbon capture and storage mixtures : An FTIR spectroscopic study of H<sub>2</sub>O + CO<sub>2</sub> + N<sub>2</sub> ternary mixtures. <i>International Journal of Greenhouse Gas Control</i>, 35, 131–137.</li> <li>7. <b>Suleiman, N.</b>, Bahrain, B. S., Hamed, M., &amp; Zaidul, I. S. M. (2012). Squalene recovery from palm fatty acid distillate using supercritical fluid extraction. <i>International Food Research Journal</i>, 19(4), 1661–1667.</li> <li>8. Abbas, K. A., Abdulkarim, S. M., Ebrahimian, M., &amp; <b>Suleiman, N.</b> (2010). The Drawbacks and Superiorities of Using IR-Microwave System in Cake and Bread Baking : A Review. <i>Modern Applied Science</i>, 4(7), 42–58.</li> </ol>
Books/Monographs	
Chapter in book	
Proceedings	<ol style="list-style-type: none"> <li>1. Husain N. F., Rahman R.A., <b>Suleiman, N.</b> (2017) Anti-browning and antioxidant properties of <i>Clinacanthus nutans</i> (Burm. F.) Lindau on “Granny Smith” apple juice. International Food Research Conference, UPM Serdang, <b>Malaysia</b>. 24-25 Jul</li> <li>2. <b>Suleiman, N.</b>, Ke, J., Foltran S., &amp; Michael W. George. (2014) Innovative techniques to investigate phase behaviour: Applications for Supercritical Fluid Electrodeposition (SCFED) and Carbon Capture and Storage (CCS). Analytical Research Forum 2014, Royal</li> </ol>

	<p>Society Chemistry, <b>London</b>. 7 Jul</p> <p>3. <b>Suleiman, N.</b>, Ke, J., Foltran S., Poliokoff, M., &amp; Michael W. George (2015). An efficient FTIR spectroscopic study of the solubility of water in CO<sup>2</sup>-rich mixtures for Carbon Capture and Storage (CCS) technology. 8<sup>th</sup> International Conference on Advanced Vibrational Spectroscopy, Vienna, <b>Austria</b>. 12 Jul – 17 Jul</p> <p>4. Jie, K., <b>Suleiman, N.</b>, Han, Xue, George, M.W., (2015) Phase equilibrium studies of electrolytes and precursors in carbon dioxide and hydrofluorocarbons for supercritical fluid electrodeposition and production of nanomaterials. X Iberoamerican Conference on Phase Equilibria and Fluid Properties for Process Design, Alicante, <b>Spain</b>, 28 Jun – 1 July</p>
<i>Other publications</i>	
<i>Computer software</i>	

<b>H. PROJEK PENYELIDIKAN TERDAHULU</b> ( <i>Past Research Project</i> )					
<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
-	High Pressure Phase Equilibria Applications Involving Supercritical Fluids	Member	2012 - 2016	PhD research	Completed
GP-IPM/2017/9577900	Supercritical fluid fractionation of valuable compound from palm fatty acid distillate: toward zero-waste	Project leader	Dec 2017- Dec 2019	UPM	On-going