Selected Publications


**RESEARCH FUNDING**

2018-20 Co-researcher. A Standard Policy for Evaluating and Diagnosing Dyscalculia Children in Malaysia funded by Malaysia Ministry of Higher Education. RM$64300.00

2015-18 Research team member. Secondary and university Mathematics: do they speak the same language? funded by the Australian Research Council. AUD$206,900

2015-16 Project Leader. The Role of Symbolism in Trigonometry, funded by the Malaysia Ministry of Education. RM$16666.00

2015-16 Co-researcher. Modeling Malaysian Students’ Reading, Science and Mathematics Achievement in OECD-PISA: A Comparative Study between Malaysia and Singapore, funded by the Malaysia Ministry of Education. RM$16666.00
2015-16 **Co-researcher.** *The causes for undergraduate students’ errors in resolving mathematics problems*, funded by the Semarang State University, Indonesia.

2013-14 **Co-researcher.** *Capturing Malaysian Educational Practice – Sarawak Work Package & Sabah Work Package*, funded by Universiti Malaya.

2012-15 **Co-researcher.** *The Instrumentation for Dyscalculia Among Primary School Students in Malaysia*, funded by Fundamental Research Grant Scheme of Malaysia Ministry of Higher Education. RM$50,000

2008-09 **Co-researcher.** *The Teaching and Learning of Science and Mathematics in English*, funded by Malaysia Ministry of Education.

2008-09 **Project Leader.** *Students’ Attitude to Learning Mathematics with Technology in Rural Schools in Sabah*, funded by Universiti Malaysia Sabah. RM$3000.00

**SELECTED AWARDS AND ACHIEVEMENTS**

<table>
<thead>
<tr>
<th>Date</th>
<th>Award Description</th>
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<tbody>
<tr>
<td>Apr 2020</td>
<td>Platinum Award, <em>International Summit of Innovation &amp; Design Exposition 2020</em>, University of Malaya, Malaysia.</td>
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<td>Apr 2019</td>
<td><strong>CEPSW Conference Awards 2019</strong>, Flinders University. (Awarded based on the number of journal articles in journals ranked as either Q1 or Q2 (by Scimago))</td>
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<tr>
<td>Apr 2019</td>
<td><strong>Platinum Award, International Summit of Innovation &amp; Design Exposition 2019</strong>, <em>The Missing Chapter: Subitizing</em> (a Dyscalculia toolkit to help at-risk dyscalculic pupils to develop number sense) University of Malaya, Malaysia.</td>
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<td>27 Sep 2017</td>
<td><strong>Universiti Malaysia Sabah Researchers Award.</strong> Centre for Research and Innovation. Universiti Malaysia Sabah. Malaysia</td>
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<td>17 Jul 2017</td>
<td><strong>Long Service Award (University Level).</strong> Human Resource Department. Universiti Malaysia Sabah. Malaysia</td>
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<td>6 June 2017</td>
<td><strong>Awarded 5 months Sabbatical leave</strong> to attach to the Melbourne Graduate School of Education, University of Melbourne as a visiting scholar cum researcher for a ARC project.</td>
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<td>May 2014</td>
<td><strong>Gold Medal (National Level Competition)</strong> for the invention of Dyscalculia Screener for Primary School Students. 25th International Invention, Innovation &amp; Technology Exhibition (ITEX). Malaysian Invention and Design Society (MINDS).</td>
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<tr>
<td>Sep 2013</td>
<td><strong>Gold Medal (University Level Competition)</strong> for Innovation category. <em>Dyscalculia Screener for primary school students</em>. Research and Innovation Competition. Research and Innovation Centre Universiti Malaysia Sabah, Kota Kinabalu, Malaysia.</td>
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<td>27 Apr 2013</td>
<td><strong>Best Paper Award</strong> for Strand 3: Curriculum. Inaugural Post-Graduate Student Conference. <strong>Warwick University, UK.</strong></td>
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<tr>
<td>July 2012</td>
<td><strong>Warwick University Conference Award.</strong></td>
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<tr>
<td>June 2010</td>
<td><strong>Outstanding Service Award</strong> for the year 2009. Universiti Malaysia Sabah.</td>
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2009-2013  **Doctoral Scholarship.** Malaysia Ministry of Higher Education.

2004  **Certificate of Appreciation for Excellent Service.** SMK Sikuati (Sikuati National Secondary School), Kudat, Sabah.

2003  **Undergraduate Award.** Hainan Association Kota Kinabalu.