

# CURRICULUM VITAE

Name : ZAMZAHAILA BINTI MOHD ZAIN  
Department :  
Post : SENIOR LECTURER  
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## ACADEMIC QUALIFICATION

(Institute),(Qualification),(Discipline),(Year)

University of Nottingham, PhD in Nutritional Sciences, , 2014

Universiti Putra Malaysia, MSc in Food Chemistry and Biochemistry, , 2003

Universiti Putra Malaysia, Bachelor of Food Science and Technology, , 1999

## PROFESSIONAL QUALIFICATIONS

(Qualification),(Discipline),(Awarding Institute),(Year Awarded).

## PREVIOUS APPOINTMENT

(Post),(Organisation),(From)-(Until)

Research Assistant, Faculty of Food Science and Biotechnology,Universiti Putra Malaysia (UPM), Selangor, Malaysia, March 1999-July 1999

Tutor, Kolej Universiti Sains dan Teknologi Malaysia (KUSTEM), Terengganu, Malaysia, July 1999-November 2003

## ADMINISTRATIVE DUTIES

(Role),From)-(Until),(Level), (Organisation)

Deputy Dean (Talent and Research)

CENTRE FOR FUNDAMENTAL AND LIBERAL EDUCATION, August 2015, Present, U, UMT

Coordinator for Industrial Training, Dept. of Food Science, June 2005, September 2007, D, UMT

Coordinator for Food Technology Programmed, Dept. of Food Science, June 2006, September 2007, D, UMT

## RESEARCH

(Project title),(Role in project),(From)-(Until),(Source),(Level).

Mechanisms action of Morinda citrifolia catechins, with a focus on antihypertensive, hypolipidemic and vasodilation capacity, August 2016 - In Progress, FRGS, National

Program Elit InES-P 2015, September 2015 - November 2015, Yayasan Terengganu, National

Catechins, anthocyanidins, flavonols, flavones, flavonones and isoflavones in leaves of selected mangrove species in Setiu wetland as potentially antioxidative remedy compounds, March 2015 - In Progress, NRGs, National

Developing healthy eating model among children based on web based intervention in Setiu Wetland's residents., March 2015 - In Progress, NRGs, National

PROJEK INOVASI SOSIAL - PROGRAM TRANSFORMASI MINDA PSIKOSPIRITUAL REMAJA PESISIR 2015, April 2015 - In Progress, UMT, National

Deciphering the roles of fish protein in reducing oil uptake in seafood products, December 2014 - In Progress, National

MECHANISM OF THYMOQUINONES AND HONEY POLYPHENOLS IN MODULATING THE RISK OF CARDIOVASCULAR DISEASE, June 2013 - In Progress, International

ISOLATION AND IDENTIFICATION OF ANTIOXIDATIVE COMPOUND OF KERUKUP SIAM (Muntingia calabura) LEAF, FRUIT AND FLOWER., March 2013 - March 2014, International

CHARACTERIZATION OF ANTIOXIDANT COMPOUND IN WATER LILY, March 2013 - March 2014, International

Effect of the mixture of NIGELLA SATIVA and Honey (NSXH) on the Immune system and overall nutritional status, Co-Researcher, July 2004 - December 2004, National

Screening of Water and Lipid Soluble Antioxidant Capacity of Selected Local ?Ulam? of Malaysia Using 2, 2-Diphenyl-1-Picrylhydrazyl (DPPH) Radical Scavenging Method and Photochemiluminescence (PCL) Assay, September 2005 - December 2005, National

Determination of Nutritional Composition, Total Phenolic Compounds and Antioxidative Activity of Selected Edible Resources From Mangrove Forest of East Malaysia, September 2006 - September 2007, International

Nutritional Value, Antioxidative Activity and Bioactive Compounds of Malaysian Dill (Anethum graveolens. dill), September 2006 - September 2007, International

Comprehensive Food Data Composition of Terengganu's Traditional Food, September 2005 - September 2006, International

## **PROFESSIONAL AFFILIATIONS**

(Client),(Role),(From)-(Until).

## **EXPERT TECHNICAL/CONTRIBUTION**

(Activity),(Client),(Role),(From)-(Until),(Level).

Penulis Modul dan Trainer Program Saintis Islam Terengganu, Kerajaan Negeri

Terengganu, Co-Researcher, December 2014 - December 2015, International

Contribution in the accomplishment of the innovation. THE POTENTIAL PRODUCT FROM Pandanus amaryllifolius Roxb. of Sekolah Menengah Imtiaz Kuala Terengganu; GOLD Medal Award in the Green Technology Research Exposition (IGTReX 2014), 3-4 December 2014, Ho Chi Minh, Vietnam, Students, January 2014 - December 2014, International

Contribution in the accomplishment of the innovation THE POTENTIAL PRODUCT FROM Pandanus amaryllifolius Roxb. of Sekolah Menengah Imtiaz Kuala Terengganu; Special Award Green Technology GTReX in the Green Technology Research Exposition (GTReX 2014), 3-4 December 2014, Ho Chi Minh, Vietnam, Students, January 2014 - December 2014, International

Contribution in the accomplishment of the innovation THE POTENTIAL PRODUCT FROM Pandanus amaryllifolius Roxb. of Sekolah Menengah Imtiaz Kuala Terengganu; GOLD Prize in the Seoul International Youth Invention Contest 2014, 8-9 August 2014, Seoul, Korea., Students, January 2014 - December 2014, International

Contribution in the accomplishment of the innovation THE POTENTIAL PRODUCT FROM Pandanus amaryllifolius Roxb. of Sekolah Menengah Imtiaz Kuala Terengganu; Honor of Invention in the 2014 International Youth Invention Contest (IYIC 2014), 7-9 August 2014, Seoul Trade Exhibition & Convention (SETEC), Korea., Students, January 2014 - December 2014, International

Contribution in the accomplishment of the innovation THE POTENTIAL PRODUCT FROM Pandanus amaryllifolius Roxb. of Sekolah Menengah Imtiaz Kuala Terengganu; GOLD Medal in International Engineering Invention & Innovation Exhibition (I-ENVEX) 2014; 11-13 April 2014, Universiti Malaysia Perlis., Students, January 2014 - December 2014, International

Contribution in the accomplishment of the innovation THE POTENTIAL PRODUCT FROM Pandanus amaryllifolius Roxb. of Sekolah Menengah Imtiaz Kuala Terengganu; EYRec Green Technology Award in International Engineering Invention & Innovation Exhibition (I-ENVEX) 2014; 11-13 April 2014, Universiti Malaysia Perlis, Students, January 2014 - December 2014, International

### **AWARD AND RECOGNITIONS**

(Awards),(Awarding Institute),(Year),(Level).

### **KEYNOTE ADDRESS / INVITED SPEAKER**

(Title),(Event),(Venue),(Organizer),(Date),(Level).

### **INTELLECTUAL PROPERTY RIGHTS**

(Product),(Type),(Year),(Year Awarded).

### **UNPATENT INTELLECTUAL PROPERTY RIGHTS**

(Product),(Type),(Reg. No),(Owner),(Cost)

## **PUBLICATIONS**

(Publication),(Level).

### **Articles in Journals**

Mohd Zin, Z., Abdul-Hamid, A., Osman, A, (2002), *Antioxidative activity of extracts from Mengkudu (Morinda citrifolia L.) root, fruit and leaf.*, Journal of Food Chemistry, Vol 78(2) : 227-231

Mohd Zin, Z ., Abdul-Hamid, A., Osman, A. and Saari, N., (2006), *Antioxidative activities of chromatographic fractions from root, fruit and leaf of Mengkudu ( Morinda citrifolia L.)*, Journal of Food Chemistry., Vol 94(2) : 169-178

Z. Mohd Zin;A. Abdul Hamid;A.Osman;N.Saari;A. Misran, (2007), *Isolation and Identification of Antioxidative Compound from Fruit of Mengkudu (Morinda citrifolia L.)*, International Journal of Food Properties, Vol 10(2) : 363 - 373

Zainol, M. K., Mohd Zin, Z., Linforth, R. S. T and Scott, D. J., (2014), *Overexpression, Extraction, Purification and Characterization of DppA from Escherichia coli.*, Journal of Biochemistry, Microbiology and Biotechnology, Vol 2(2) : 1-7

### **Thesis Dissertations**

*Effect of drying on reconstitutability of a rice flour based product. BSc. Science and Food Technology Thesis,*, Universiti Putra Malaysia, Serdang, Selangor., 1999

*Antioxidative activities and isolation of phenolic compounds from the root, fruit and leaf of Mengkudu (Morinda citrifolia L.)*, Universiti Putra Malaysia, 2003

*Characterization of Polyphenolic Content of Strobilanthes crispus (S.crispus): Extract and its Biological Effect*, University of Nottingham, Division of Nutritional Sciences, 2014

### **Articles in Proceedings**

Mohd. Zin, Z., Abdul Hamid, A. and Azizah Osman (2000), *Antioxidative activity of various extracts from Mengkudu (Morinda citrifolia L.) root, fruit and leaves.*, 4th UNESCO ? MCBN / COSTAM / SFRR (ASEAN) Workshop on Micronutrients and Health: Molecular Biological Mechanisms, 27/07/2000, 30/07/2000, Langkawi, Malaysia.

Mohd Zin, Z., Abdul-Hamid, A. and Osman, A. (2001), *Mohd Zin, Z., Abdul-Hamid, A. and Osman, A. (2001). Evaluation of The Antioxidant Activity of Extracts from Mengkudu (Morinda citrifolia L.) Root, Fruit and Leaf. Proceeding of Functional Food ? Latest Development*, Proceeding of Functional Food ? Latest Development, 10-11 April 2001,, 10/04/2001, 11/04/2001, Putrajaya, Malaysia

Mohd Zin, Z., Abdul-Hamid, A., Osman, A. and Saari, N. (2002), *Antioxidative*

*activities of chromatographic fractions from Mengkudu (Morinda citrifolia Linn) root, fruit and leaf. 20-21 August 2002.*, Proceedings of Seminar on Medicinal Plant, Tongkat Ali, Kacip Fatimah and Pegaga, 20/08/2002, 21/08/2002, FRIM, Kepong, Kuala Lumpur, Malaysia.

Zamzahaila Mohd Zin, Azizah Abdul Hamid, Azizah Osman, Nazamid Shaari and Mohd Khairi Mohd Zainol. (2005), *The antioxidative properties of mengkudu (Morinda citrifolia L.) Root, fruit and leaf.*, Proc. KUSTEM 4th Annual Seminar 2005, 02/05/2005, 05/05/2005, Primula Beach Resort, Kuala Terengganu, Terengganu.

Mohd Zin, Z., Tan, L.C. and Zainol, M.K. (2006), *Effect of different drying methods on physicochemical and antioxidant activities of yam flours.* Proceeding UMS-NCFN, 2006 Sabah., Proceeding UMS-NCFN, 20/01/2006, 21/01/2006, UMS, Sabah.

Mohd Zin, Z.; Brameld, J.M. and Tucker, G.A. (2009), *Characterization of Polyphenolic Content of Strobilanthes crispus (S.crispus) and its Effects on Gene Expression in Endothelial Cells (HUVECs)*, PROCEEDING UMT-MSD POSTGRADUATE SEMINAR 2009, 12/05/2009, 13/05/2009, Leeds, UK

Mohamad Khairi Zainol, Nurul Farehah Azmi, Mohd Danish-Daniel and Zamzahaila Mohd Zin (2014), *EFFECT OF GINGER EXTRACT AS ANTIMICROBIAL AGENT ON WHOLE ROUND SCAD (Decapterus punctatus)*, 32nd Symposium of the Malaysian Society for Microbiology (MSM2014), 06/12/2014, 08/12/2014, Kuala Terengganu

Zainol, M. K., Ramli, N., Ahmad, A. and Mohd Zin, Z. (2015), *NUTRITIONAL COMPOSITION OF UNDERUTILIZED FRESHWATER FISH FROM HULU TERENGGANU*, International Fishery Symposium 2015, 01/12/2015, 04/12/2015, Gurney Hotel Pulau Pinang

Hau Eng Huan, Mohamad Khairi Zainol, Amiza Mat Amin and Zamzahaila Mohd Zin (2015), *The Effect of Drying methods on the quality of Fish protein hydrolysate from Yellowstripe scad (Selaroides leptolepis)*, International Fishery Symposium 2015, 01/12/2015, 04/12/2015, Gurney Hotel Pulau Pinang

Mohd Zin, Z., Jia, C.Y. and Zainol, M.K. (2016), *Effect of Various Fermentation Stages on Antioxidative Activity of Belalai Gajah (Clinacanthus nutans) Teas*, International Proceedings of Chemical, Biological & Environmental Engineering, 23/03/2016, 25/03/2016, Amsterdam, Natherlands

## **Posters**

M.J. Suriani, Z. Mohd Zin, M.K.Zainaol, W.B. Wan Nik and M.N. Mohammad Azim, (2015), *Introducing Hydrophobicity Bio-Composite Materials for Corrosion Prevention in Marine Application*, 5th International Conference on Recent Advances in Materials, Minerals and Environment (RAMM), Vistana Hotel, Pulau Pinang

## **EXPERT LINKAGES**

(Client),(Linkage),(Year Involve),(Duration),(Level Award).

## **ACADEMIC PROJECT SUPERVISION**

(Student's Name),(Degree),(Thesis Title),(Year Awarded).

Nursyazana Bidin, Bachelor, 2015

Suhailah Samsureja, Bachelor, 2015

Mariana Mohd Nazir, Bachelor, 2015

Izatul Fazlin Yaakub, Bachelor, 2015

Liyana Mat Khamis, Bachelor, 2015

Nor Aishah Ahmad, Bachelor, 2015

Noorfahana Ahmad Tajuddin, Bachelor, 2015

Nor Shazuwani t Shaliman, Bachelor, 2015

Sivasangari a/l Kandasamy, Bachelor, 2015

Norhasilatul Aishah Bt Aziz, Bachelor, 2015

Intan Norwana Bt Mohd Jamal, Bachelor, 2015

Mayuri Sethrai, Bachelor, 2015

Nur Syahirah Mohd Radzi@Mohd Raszeki, Bachelor, 2015

Nuruljannah Haji Jenal, Bachelor, Effect of Pre-treatment on Antioxidant Activity and Phenolic Compounds of Kaduk (*Piper sarmentosum*) Leaves, 2014

Hafizatul Akmal Mat Zahib, Bachelor, Determination of Antioxidant Properties and pH Stability of Labu Kayu (*Crescentia cujete* L.) Fruit Extract, 2014

Siti Aishah Atan, Bachelor, Effect of Blanching on Antioxidant and Phenolics Content of Pucuk Putat (*Barringtonia racemosa*), 2014

Nabila Abd Kadir, Bachelor, Determination of Antioxidant Activity and Flavonoid Content in *Clinacanthus nutans* (Belalai Gajah) Leaves, 2014

Nur Syarah Izzati Mohd Yusof, Bachelor, Effect of Pre-treatment on Physicochemical Properties of Rebung Madu (*Gigantochloa albociliata*) Powder, 2014

Aznur Hidayu Abdosamad, Bachelor, Effect of Different Extraction Solvent on Antioxidant Activities in Different Maturity Stage of Pucuk Lemiding (*Stenochlaena palutris*), 2014

Nur Hidayah Ibrahim, Bachelor, Antioxidative activity and Flavonoid Content of Dried and Green, Black, Oolong Teas of *Morinda citrifolia* (Mengkudu) Leaves, 2014

Amirah Sabiha Mohd Isa, Bachelor, Extraction, Encapsulation and Stability of natural Food Colourant from Pucuk Manis (*Sauropus androgynus*) Leaves, 2014

Nik Nor Aini Mohd Napi, Bachelor, Effect of Temperature and Time on the Antioxidant Activity of *Annona muricata* L. Leaves, 2014

Lily Fatrah Abdullah, Bachelor, Antioxidant Capacity and Flavonoid Content of Different Types of *Piper sarmentosum* (Kaduk) Tea Products, 2014

Norshahida Yaacob, Bachelor, Development and Physicochemical Analysis of Nata de Coco from Panama Berry (*Muntingia calabura* L.), 2013

Zahratul Ulya Jakaria, Bachelor, Physicochemical properties and sensory acceptance of frozen Putu Mayam., 2013

Siti Naqiah Satiam, Bachelor, Physicochemical properties of soymilk drinking yogurt incorporated with Rice milk, 2013

Nor Atikah Ahmad, Bachelor, Physicochemical properties of soymilk drinking yogurt incorporated with barley milk, 2013

Ong Hui Ping, Bachelor, Synergistic antioxidant activity between *Strobilanthes crispus* and *Centella asiatica* with *Camellia sinensis*, 2013

Cheang Ling Ni, Bachelor, Effect of Sugar to Inulin ratio on physicochemical characteristics and sensory acceptance of sweet corn (*Zea mays* var *saccharata* Bailey) jam, 2013

Phang Yan Man, Bachelor, Effect of pretreatment methods on physicochemical properties and sensory acceptance of sweet corn kernel Hibrimas (*Zea mays* var *saccharata* Bailey),, 2013

Aini Farhani Hashim, Bachelor, Physicochemical properties and sensory acceptability of purple sweet potato (*Ipomoea batatas* L.) leather as affect by concentration of glucose syrup and sucrose, 2013

Norhidayah Abu Bakar, Bachelor, , Characterization of Phenolic Compound in *Muntingia calabura* (Kerukup Siam) Leaves by Using Different Solvent Extraction, 2013

Chan Yung Jia, Bachelor, Comparison of Antioxidant Activity and Flavonoid Contents in Dried, Green, Oolong and Black Tea Made from *Clinacanthus nutans*., 2013

Adilah Mohd Fadzil, Bachelor, Determination of Antioxidant enzyme activity of *Clinacanthus nutans* leaves in different maturity stages, 2013

Rahmi Moehamad Ali, Bachelor, Development of Pastille from Sabah Snake Grass (*Clinacanthus nutans*), 2013

Sherina Razlin Abdul razak, Bachelor, Development of Frozen Traditional Kueh Akok, 2012

Norafidah Bt Zainal, Bachelor, Physicochemical Properties and Sensory of Snack Incorporated with Yam Flour, 2012

Nor Hidayah Ab Aziz, Bachelor, Proximate composition and antioxidative activity of Kerukuk Siam's (*Muntingia calabura*) fruit, leaf and flower, 2012

Nur Hidayah Ibrahim, Bachelor, Physicochemical Properties and Sensory Acceptance of Drumstick Leaves (*Moringa oleifera*) Crackers, 2012

Nor Afiqa Diyana Bt Salasun Naim, Bachelor, Development and Characterization of Corn-Starch Based Edible Film Incorporated with Coconut (*Cocos nucifera* L.) Pulp Fiber, 2012

Siti Azieyanty Jaafar, Bachelor, Determination of Vitamin Content, Gelatinization and Sensory Evaluation towards Brown Rice Coated with Edible Coatings, 2012

Ida Madiha Yusoff, Bachelor, Effect of Drying on Reconstitutability of Glutinous Rice Flour Based Product, 2012

Ihsaniah Kamal, Bachelor, Development of Sweet Potato Ice Cream (*Ipomoea batatas*), 2012

Nabila Akma Zakaria, Bachelor, Effect of High Salt Concentration on Chemical and Physical Changes of Salted Duck Egg and Salted Hen's Egg, 2012

RUZINOOR ATAN, Bachelor, Antioxidative activity of different local 'tubers', 2006

HENG SHENG CHING, Bachelor, Effect of lemongrass, torch ginger and galangal on chemical composition and freshness in lightly fermented Tilapia, 2006

TAN LI CHIN, Bachelor, Effect of different drying methods on chemical composition and antioxidant activities of Yam flours, 2006

ROZIAH RAMLI, Bachelor, Antioxidative properties of 'Mengkudu' leaf and fruit from different location, 2006

SYAZWINA AZIZAN, Bachelor, Nutritional composition and antioxidative activities of Cempedak and Nangka, 2006

SALMIE IBRAHIM, Bachelor, Nutritional composition and antioxidative activities of selected Mangrove fruits and Leaves, 2006

SITI HAJAR JEWAHID, Bachelor, Bioactive compounds and nutritional composition of Torch Ginger Flower (*Etlingera elatior*), 2006

SH.HANI BALKESH S. MUTAPHA KAMAL, Bachelor, Comparison study on nutritional composition and antioxidant activity between organic and non-organic (vegetables), 2006

SIA JIA WEI, Bachelor, Determination of antioxidant properties, total phenolic and carotenoid content of *Cucurbita maxima*., 2006

MAZLIN ABDUL BASHA, Bachelor, Kesan penceluran dan pengeringan keatas warna dan ciri-ciri berfungsi pelbagai jenis Ubi Badak., 2006

CHE NORAINI CHE SALIM, Bachelor, Kerang-kerangan daripada kawasan Setiu



Wetland: Hasil, nutrient dan penggunaannya., 2006

Beh Ngin See, Bachelor, Development of natural seasoning from Citrus hytrix (limau purut) leaves, 2007

Tan Bee Hong, Bachelor, Development of natural seasoning from Etlingera elatior (Bunga Kantan), 2007

Mohd Adam Ismail, Bachelor, Development of natural seasoning powder from daun kesom (Polygonum minus), 2007

Ameerda Sulaiman, Bachelor, Development of hard candy from Murraya koenigil (daun kari), 2007

Nur "Aqilah Abdul Ghafar, Bachelor, The effect of cooking methods on total phenolic and antioxidant activity in local selected ulam, 2007

Ruby Zainureen Zahedi, Bachelor, Development of natural coloring from Butterfly Pea Flowers (Clitoria ternatea), 2007

Siti Balkish Shaari, Bachelor, Development of Alpinia galangal cookies, 2007

Mohd Ezwan Mohd Edris, Bachelor, Extraction and evaluation of antioxidant in Mas cotek (Ficus detoided Jack), 2007

Farhana Saadud Din, Bachelor, Development of hard candy from Centella asiatica, 2007

Sharizainor Sharina Mohamed Shariff, Bachelor, Development of pastilles from ulam raja (Cosmos caudatus), 2007

Mohd Azlan Harun, Bachelor, Development of Jelly from sugarcane, 2007

Norlia Jainal, Bachelor, Development of healthy fruit leathers, 2007

Nuur Nadhirah Mohd Amirruzan, Bachelor, Extraction and evaluation of antioxidant activity of jarum tujuh bilah (Periskia bleo) leaf, 2007

Mohd Amirudin Khairudin, Bachelor, Nutritional composition on selected species Musa, L inflorescence, 2007

## **SUBJECT TAUGHT**

(Subject),(Session),(Credit Hour),(Student Level),(Organisation).

KIMIA MAKANAN, I 2014/2015, 4, 89, 3, UMT

UNIT OPERASI DALAM PEMROSESAN MAKANAN, II 2013/2014, 3, 82, 3, UMT

PENGENALAN SAINS MAKANAN, II 2013/2014, 2, 85, 3, UMT

KIMIA MAKANAN, I 2013/2014, 4, 78, 3, UMT

PENGENALAN SAINS MAKANAN, I 2013/2014, 2, 90, 3, UMT

UNIT OPERASI DALAM PEMROSESAN MAKANAN, II 2012/2013, 3, 74, 3, UMT  
PENGENALAN SAINS MAKANAN, II 2012/2013, 2, 80, 3, UMT  
KIMIA MAKANAN, I 2012/2013, 4, 85, 3, UMT  
PENGENALAN SAINS MAKANAN, I 2012/2013, 2, 83, 3, UMT  
UNIT OPERASI DALAM PEMROSESAN MAKANAN, II 2011/2012, 3, 3, UMT  
PENGENALAN SAINS MAKANAN, II 2011/2012, 2, 85, 3, UMT  
PENGENALAN KIMIA MAKANAN, 3, 3, UMT  
PRINSIP PEMAKANAN MANUSIA, 3, 3, UMT  
PERUBAHAN PEMAKANAN DALAM MAKANAN, 3, 3, UMT  
PENGENALAN SAINS MAKANAN, 2, 3, UMT  
PERKEMBANGAN PRODUK, 3, 3, UMT  
LATIHAN INDUSTRI, 3, 3, UMT

### **EXPERT CONSULTATION**

(Consultation),(Role),(Client),(Level), (From - Until), (Cost).

### **COMMERCIALIZATION**

(Comm. Type),(Industry Type),(Product),(Company Name),(Comm. Value).

### **EXPO/EXHIBITION**

(Expo),(Venue),(Organizer),(Level),(Date),(Cost).

Inovasi UMT 2016, UMT, UMT, National, 26/05/2016

Inovasi UMT 2015, UMT, UMT, National, 01/01/2016

Malaysia Technology Expo (MTE 2007), PWTC, Kuala Lumpur, National, 31/03/2007

18th International Invention, Innovation & Technology Exhibition 2007 (ITEX 07),  
Kuala Lumpur Convention Centre, National, 20/05/2007

Malaysia Technology Expo (MTE 2007), PWTC, Kuala Lumpur, National, 31/03/2007

### **EXTERNAL/INTERNAL/INDEPENDENT EXAMINER**

(Candidate/Body),(Degree Level),(Role),(From)-(Until).

Lam Toh Wai, Master Science, Universiti Malaysia Terengganu, Internal, 01/08/2015

## **EXTERNAL REVIEWER/EDITORIAL**

(Activity),(Role),(From)-(Until)

Malaysian Journal of Nutrition

Manuscript Title:

Whole school mapping to investigate the school environments potential to promote a healthy diet and physical activity in Malaysia., Reviewer, 01/01/2014 - 01/12/2014

2nd International Conference in Agricultural and Food Engineering (CAFEi 2014); Agriculture and Agricultural Science Procedia (2014). [www.elsevier.com/locate/procedia](http://www.elsevier.com/locate/procedia)

Manuscript Title: Feasibility Study on Evaluation of Salt Content in Canned Sardine in Brine by Near Infrared Spectroscopy, Reviewer, 01/08/2014 - 01/12/2014

2nd International Conference in Agricultural and Food Engineering (CAFEi 2014); Agriculture and Agricultural Science Procedia (2014). [www.elsevier.com/locate/procedia](http://www.elsevier.com/locate/procedia)

Manuscript Title: Effect of Salt on Dry Characteristics of Noodle, Reviewer, 01/08/2014 - 01/12/2014

2nd International Conference in Agricultural and Food Engineering (CAFEi 2014); Agriculture and Agricultural Science Procedia (2014). [www.elsevier.com/locate/procedia](http://www.elsevier.com/locate/procedia)

Manuscript Title: Gel Strength and Stability Characterization of Ultrasound Treated Whey Protein Foams., Reviewer, 01/08/2014 - 01/12/2014

2nd International Conference in Agricultural and Food Engineering (CAFEi 2014); Agriculture and Agricultural Science Procedia (2014). [www.elsevier.com/locate/procedia](http://www.elsevier.com/locate/procedia)

Manuscript Title: Nitrite, nitrate and colour analysis of Malaysian edible birds nest, Reviewer, 01/08/2014 - 01/12/2014

2nd International Conference in Agricultural and Food Engineering (CAFEi 2014); Agriculture and Agricultural Science Procedia (2014). [www.elsevier.com/locate/procedia](http://www.elsevier.com/locate/procedia)

Manuscript Title: Physical Properties Assessment of Spray Drying of Pink Guava (*Psidium Guajava*) Puree, Reviewer, 01/08/2014 - 01/12/2014

## **ATTENDED COURSE/SEMINARS**

(Name of Seminar/Course),(Role),(From)-(Until),(Place),(Title of Paper Presented - if applicable).

Bengkel Blended Learning PPAL

29/12/2014 di UMT, Participant, 29/12/2014 - 29/12/2014, UMT

Bengkel Pemurnian Kursus Elektif Universiti, Participant, 06/11/2014 - 08/11/2014, Awana Kijal, Kursus Pengurusan Makanan Halal & Kursus Pengenalan Sains Makanan

Bengkel Pembangunan Kepimpinan Pengajaran (Siri Penyelidikan Tindakan), Participant, 10/06/2014 - 11/06/2014, UMT

Bengkel

Pemurnian Kursus

Jabatan Ilmu Dasar, Participant, 20/10/2014 - 21/10/2014, UMT

Bengkel Semakan Struktur Kurikulum Program Antarabangsa 'Bachelor of Food Science Food Service And Nutrition', Participant, 01/04/2014 - 01/04/2014, UMT

Latihan

Penggunaan

Ultrasonic Spray

Dry Dryer, Participant, 12/08/2014 - 12/08/2014, UMT

Majlis Pelancaran

Geran Galakkan

Penyelidikan

(GGP)

"Pemerkasaa

n

Penyelidikan dan

Inovasi

UMT",, Participant,, 02/04/2013 - 02/04/2013, UMT

Bengkel Pemurnian Program Pasca Siswazah FASM., Participant,, 04/07/2013 - 04/07/2013, UMT

4th UNESCO ? MCBN / COSTAM / SFRR (ASEAN) Workshop on Micronutrients and Health: Molecular Biological Mechanisms, Poster Presenter, 27/07/2000 - 30/07/2000, Berjaya Langkawi, Malaysia., Antioxidative activity of various extracts from Mengkudu (Morinda citrifolia L.) root, fruit and leaves.

Seminar of Functional Food Latest Development, Poster Presenter, 10/04/2001 - 11/04/2001, Putrajaya, Malaysia, Evaluation of The Antioxidant Activity of Extracts from Mengkudu (Morinda citrifolia L.) Root, Fruit and Leaf.

Seminar on Medicinal Plant, Tongkat Ali, Kacip Fatimah and Pegaga, Poster Presenter, 20/08/2002 - 21/08/2002, FRIM, Malaysia, Antioxidative activities of chromatographic fractions from Mengkudu (Morinda citrifolia Linn) root, fruit and leaf.

KUSTEM 4th Annual Seminar 2005, Poster Presenter, 02/05/2005 - 05/05/2005, Primula Beach Resort, Kuala Terengganu, Terengganu., The antioxidative properties of mengkudu (Morinda citrifolia L.) Root, fruit and leaf

UMS-National Conference of Food and Nutrition, Poster Presenter, 20/01/2006 - 21/01/2006, UMS, Sabah, Effect of different drying methods on physicochemical and antioxidant activities of yam flours.

UMT-MSD POSTGRADUATE SEMINAR 2009, Oral Presenter, 12/05/2009 - 13/05/2009, University of Leeds, UK, Characterization of Polyphenolic Content of Strobilanthes crispus (S.crispus) and its Effects on Gene Expression in Endothelial Cells (HUVECs),

## **PROFFESIONAL DEVELOPMENT**

(Name of Training),(From)-(Until),(Place),(Sponsor).

Academic Visit to PSU, 06/10/2013 - 09/10/2013, Jabatan Sains Makanan dan Pemakanan, Fakulti Sains dan Teknologi, Prince Songkla University, Thailand, BAKAT, UMT

Program Pembangunan Kepimpinan Inovatif & Transformasi Pensyarah Muda 2012,, 29/03/2012 - 31/03/2012, Hotel Sri Malaysia, Genting Highlands, Malaysia

### **INTERNSHIP SUPERVISION**

(Student Name),(Organisation),(From)-(Until)

### **STUDENT ADVISORY**

(Matric),(Student),(From)-(Until).

UK11196, Low Yin Peng, 01/01/2005 - 14/01/2007

UK11288, Intan Khairunnisa' Bt Muhamad Termidi, 01/01/2005 - 14/01/2007

UK11434, Shobana A/P Sritharan, 01/01/2005 - 14/01/2007

UK11517, Noor Aliah Binti Abdullah, 01/01/2005 - 14/01/2007

UK12040, Jasmin Binti Mohamad, 01/01/2005 - 14/01/2007

UK28040, Shahirah Adawiyah Binti Nor Ashari, 02/09/2012 - Present

UK28070, Nurulnaimah Binti Ismail, 02/09/2012 - Present

UK28085, Er Chia Ti, 02/09/2012 - Present

UK28100, Chai Chin Sian, 02/01/2012 - Present

UK28981, Nur Alia Binti Zainal, 02/09/2012 - Present

UK28996, Annisah Binti Abdul Rahman, 02/09/2012 - Present

UK29011, Nur Aailiaa Raimi Binti Abdull Razak, 02/09/2012 - Present

UK29026, Nur Athirah Binti Abdullah, 02/09/2012 - Present

UK29609, Nurshafinah Binti Shaik Ali, 02/09/2012 - Present

UK30010, Siti Noraida Binti Jasmani, 02/09/2012 - Present

UK30101, Xavier A/L Peter Sebastian, 02/09/2012 - Present

UK9917, Nor Baizura Binti Mohd Soghir, 02/09/2012 - Present

### **OTHER CONTRIBUTIONS**

(Activity),(Role),(From)-(Until),(Level).

8th Food Science and Technology Seminar, Advisor- Innovative Food Product, 15 March 2013 - 16 March 2013, National

UMT Annual Seminar 2012, AJK, 08 July 2012 - 11 July 2012, National

Bengkel Sensori Madu Lebah, AJK, 25 September 2012 - 27 September 2012, National