

PERSATUAN PEMAKANAN MALAYSIA (NUTRITION SOCIETY OF MALAYSIA)

Registered under the Society's Act 1966 (Reg. No.189/85 WP) on 4 September 1985

Registered Office

Division of Human Nutrition, Institute for Medical Research,
Jalan Pahang, 50588 Kuala Lumpur, Malaysia
website: www.nutriweb.org.my

17th NSM Council

(2018-2020)

President

Dr Tee E Siong, AMN, KMN, FNSM, FMSA

Vice-President

Emeritus Prof Dr Mohd Ismail Noor, FASc, FIUNS, FNSM, FMSA, FMOSTA

Hon. Secretary

Prof Dr Norimah A Karim, FNSM

Hon. Treasurer

Dr Roseline Yap Wai Kuan

Asst. Hon. Secretary

Assof Prof Dr Mahenderan Appukutty, FNSM

Council Members:

Dr Zaitun Yassin, KMN, FNSM

Assoc Prof Rokiah Don, FNSM

Assoc Prof Dr Chin Yit Siew Dr Wong Jyh Einn

Affiliations



Southeast Asia Public Health Nutrition (SEA-PHN) Network



Confederation of Scientific and Technological Associations of Malaysia



Federation of Asian Nutrition Societies



International Union of Nutritional Sciences

Contact

president@nutriweb.org.my
secretary@nutriweb.org.my

FELLOW OF NSM

Members of the Nutrition Society of Malaysia may be nominated as Fellows of NSM by the members of the Council, Fellows of NSM and Life and Ordinary Members of NSM. Nomination of potential candidates should be made in writing to the NSM Council, <u>at least 30 days</u> before the General Meeting, accompanied by the completed CV form (Appendix 1).

Criteria for Nomination:

- 1. Life or Ordinary Member of the Nutrition Society of Malaysia (NSM).
- 2. Outstanding and meritorious contributions to the field of nutritional sciences as indicated by:
 - a. Nutrition research projects/programmes
 - b. Publications
 - Consultations (including Working Groups / Technical Committees)
 - d. Inventions / Innovations / Patens
 - e. Awards
 - F. Community service
- 3. Regular contributions to or support of the activities of the NSM for at least 10 years.

FELLOW OF NSM

Picture (Recent)	
Full Name	
Membership No	
Date of Birth	
Nationality	
Current Position	
Previous	
appointments	
Academic/Professional	
Qualifications	
Professional &	
Meritorious	
Contributions to the	
Field of Nutrition &	
Consultations	
Contributions to	
Professional	
Bodies/NGOs	
Participation in	
nutrition research	
projects	
Publications	
Community Services	
Awards	
Other information to	
support Fellow	
nomination	

FELLOW OF NSM

Picture (Recent)	
Full Name	ZALMA ABDUL RAZAK
Membership No	
Date of Birth	25 FEBRUARY 1963
Nationality	MALAYSIAN
Current Position	DIRECTOR OF NUTRITION DIVISION, MINISTRY OF HEALTH MALAYSIA (MOH)
Previous appointments	 i) SENIOR PRINCIPAL ASSISSTANT DIRECTOR (NUTRITION), NUTRITION DIVISION, MOH ii) SENIOR PRINCIPAL ASSISTANT DIRECTOR (NUTRITION), STATE HEALTH DEPARTMENT OF PAHANG iii) PRINCIPAL ASSISTANT DIRECTOR (NUTRITION), FAMILY HEALTH DEVELOPMENT DIVISION, MOH iv) PRINCIPAL ASSISTANT (NUTRITION), STATE HEALTH DEPARTMENT OF SARAWAK v) ASSISTANT DIRECTOR (NUTRITION), STATE HEALTH DEPARTMENT OF SELANGOR vi) ASSISTANT DIRECTOR (NUTRITION), FAMILY HEALTH DEVELOPMENT DIVISION, MOH vii) ASSISTANT DIRECTOR (NUTRITION), STATE HEALTH DEPARMENT OF PERLIS
Academic/Professional Qualifications	i) BSc (HONS) IN FOOD SCIENCE AND NUTRITION, UNIVERSITI KEBANGSAAN MALAYSIA ii) MSc FROM UNIVERSITI TEKNOLOGI MARA
Professional & Meritorious Contributions to the Field of Nutrition & Consultations	i) THE DEVELOPMENT AND IMPLEMENTATION OF NUTRITION PROMOTION PROGRAMMES INCLUDING BREASTFEEDING PROMOTION PROGRAM, HEALTHY EATING PROMOTION AND NUTRITION PROMOTION IN SCHOOLS. ii) THE DEVELOPMENT AND IMPLEMENTATION OF NUTRITION REHABILITATION PROGRAMMES INCLUDING NUTRITION REHABILITATION PROGRAMME FOR MALNOURISHED CHILDREN,
	PROGRAMME FOR THE PREVENTION AND CONTROL OF IODINE DEFICIENCY DISORDER AND NUTRITION REHABILITION PROGRAMME FOR PREGNANT MOTHERS.

	iii) THE IMPLEMENTATION OF THE NEW WHO GROWTH STANDARDS FOR CHILDREN.
	iv) THE IMPLEMENTATION OF A SPECIAL NUTRITION PROJECT IN SCHOOL – FUN WITH NUTRITION ROADSHOW (KEMBARA RIANG RIA PEMAKANAN)
	v) THE IMPLEMENTATION OF SPECIAL NUTRITION PROJECT IN SUPERMARKET – HEALTHY EATING PROMOTION IN SUPERMARKET (HEALTHY SUPERMARKET).
	vi) THE INITIATIVE FOR MANDATORY SUPPLEMENTATION OF WHEAT FLOUR WITH FOLIC ACID AND IRON.
	vii) THE INITIATIVE FOR THE PROVISION OF HEALTHY MENU DURING MEETINGS IN PUBLIC SECTORS.
	viii) THE DEVELOPMENT OF HEALTHY RECIPE BOOKS.
	ix) THE REVISION OF NATIONAL PLAN OF ACTION FOR NUTRITION MALAYSIA (NPANM) 2006-2015 AND THE DEVELOPMENT OF NPANM 2016-2025.
	x) THE REVISION OF THE CODE OF ETHICS FOR THE MARKETING OF INFANT FORMULA AND RELATED PRODUCTS.
	xi) LEADS THE DEVELOPMENT OF SMARTPHONE APPLICATION TO PROMOTE HEALTHY EATING, MYNUTRI DIARI AND A POSITIVE FRONT-OF-PACK LABELLING INITIATIVE.
	xii) CHAIRS VARIOUS COMMITTEES AND MEETINGS UNDER MINISTRY OF HEALTH MALAYSIA INCLUDING TECHNICAL MEETING GROUP OF NUTRITION POLICY
	xiii) REVISE OF NATIONAL NUTRITION POLICY.
	xiv) LEADE THE IMPLEMENTATON OF "HEALTHIER CHOICE LOGO" IN MALAYSIA
	xv) DEVELOPMENT OF "MILK BANK" IN MALAYSIA
	xvi) ADVOCACY ON MALAYSIA HEALTH PLATE #SUKUSUKUSEPARUH
	xvii) MID TERM REVIEW OF NATIONAL PLAN OF ACTION FOR NUTRITON MALAYSIA (NPANM III)
Contributions to Professional	i) NUTRITION SOCIETY OF MALAYSIA (NSM)
Bodies/NGOs	ii) PUSPANITA KEBANGSAAN
	iii) ASSOCIATION OF SCIENTIFIC OFFICER OF THE MINISTRY OF HEALTH (ASOMH)
Participation in nutrition research projects	i) UPM-MOH PROJECT "OPTIMIZING GESTATIONAL WEIGHT GAIN FOR PREVENTION OF GESTATIONAL DIABETES MELLITUS IN MALAYSIA".
. ,	ii) USIM-MOH PROJECT " HEALTHY EATING : IS IT AFFORDABLE TO B40 POPULATION LIVING IN URBAN PPR"

Publications	i) NATIONAL PLAN OF ACTION FOR NUTRITION MALAYSIA (NPANM III)
	ii) NATIONAL NUTRITION POLICY OF MALAYSIA
	iii) GUIDELINE ON HEALTIER CHOICE LOGO MALAYSIA
	iv) ARTICLE: RELIABILITY AND VALIDITY OF TELEVISION FOOD ADVERTISING QUESTIONNAIRE IN MALAYSIA
Community Services	i) REHABILITATION PROGRAMME FOR MALNOURISHED CHILDREN (FOOD BASKET PROGRAMME)
	ii) COMMUNITY FEEDING PROGRAMME
	iii) HEALTHY COMMUNITY KITCHEN
	iv) NUTRITION INFORMATION CENTRE
	v) HEALTHY COMMUNITY, BUILDING THE NATION (KOSPEN) PROGRAMME
Awards	EXCELLENT SERVICE AWARD TWICE, 2006 & 2010
Other information to	CONTRIBUTION TO THE MEETINGS / CONFERENCES :
support Fellow nomination	i) 40 TH SESSION OF THE CODEX COMMITTEE ON NUTRITION AND FOOD FOR THE SPECIAL DIETRY USES (CCNFSDU)
	ii) SOUTHEAST ASIA PUBLIC HEALTH NUTRITION (SEA-PHN) NETWORK : 7 TH ANNUAL GENERAL MEETING
	iii) THE 8 TH ASIA NETWORK SYMPOSIUM ON NUTRITION
	iv) ASIA CONGRESS OF NUTRITON (CAN) 2019
	v) WHO/ FAO INTER-REGIONAL MEETING TO PROMOTE HEALTHY DIET THROUGH THE INFORMAL FOOD SECTOR
	vi) PRICE MAHIDOL AWARDS CONFERENCE (PMAC) SIDE SESSION ON "TAKLING CHILDREN OVERWEIGHT: HEAD STARTS ON NCD PREVENTION
	vii) CHILDREN EATING WELL (CHEW): BUILDING SUSTAINABLE FOOD SYSTEMS TO IMPROVE CHILD HEALTH AND WELLBEING, ROCKEFELLER FOUNDATION BELLAGIO, CENTER, 21 – 24 AUGUST, 2017

FELLOW OF NSM

[-	
Picture (Recent)	
	Please refer to CV attached
Full Name	Tan Sue Yee
Membership No	L0132
Date of Birth	12 May 1981
Nationality	Malaysian
Current Position	Consultant Nutritionist (Freelance)
Previous	Lecturer
appointments	
Academic/Professional	PhD in Nutrition, UKM
Qualifications	MSc (Merit) Human Nutrition (Sports), London Metropolitan University BSc (Hons) Nutrition Science, UKM
Professional &	
Meritorious	
Contributions to the	Please refer to CV attached
Field of Nutrition &	
Consultations	
Contributions to	
Professional	Please refer to CV attached
Bodies/NGOs	
Participation in	
nutrition research	Please refer to CV attached
projects	
Publications	Please refer to CV attached
Community Services	Please refer to CV attached
Awards	Please refer to CV attached
Other information to	
support Fellow	
nomination	

Curriculum Vitae

TAN SUE YEE

E3-2, The Arcardia, Lorong Stampin Timur 3A, 93350 Kuching, Sarawak, Malaysia.

Contact: +60 12-983 1925

Email: eileentsy81@gmail.com



Academic and Professional Qualifications

PhD in Nutrition	Universiti Kebangsaan Malaysia	2013
MSc (Merit) Human Nutrition (Sports)	London Metropolitan University	2007
BSc (Hons) Nutrition Science	Universiti Kebangsaan Malaysia	2004

Professional and Meritorious Contributions to the Field of Nutrition and Consultations

Reviewer	2013 - present
----------	----------------

 Malaysian Journal of Sports Science, Malaysian Journal of Nutrition, Asia Pacific Journal of Public Health, Philippines Journal of Science

Consultant/ expert panel 2010 - present

- Malaysian Dietary Guidelines 2010 brochures (Nestle), Healthy Eating System (Tupperware), Healthy Mealtime Magic (Philips Avent), Fernleaf Institute School Programme 'Pemeriksaan Kecergasan Badan' (Fonterra), Mother's Smart Choice a.k.a MyNutriBaby (Philips Avent), Nutrition Behaviour Modification for Picky Eaters (Wyeth Nutrition)
- Amaby Parenting and Confinement Centre, Bandar Puteri Puchong
 2018 - present
- Sarawak Amateur Gymnastics Association

 2019

MOH Nutrition Division Technical Working Group

- Committee member of Technical Working Group on Nutrition 2013 2018 Guidelines 2013
- Committee member of Technical Working Group on Nutrition 2013 present Guidelines for Pregnant and Lactating Mothers
- Garis Panduan Perancangan Menu di Pusat Jagaan (Ministry 2016 of Health)

Press/ Media feature

• Is detox necessary? The Star, Dec 2017

Hard to digest it's healthy
 The Star, March 2016

Majikan perlu lebih prihatin	Utusan Malaysia, Sept 2015
A pressing necessity	The Sun, Sept 2015
Penuhi hak bayiBreastfeeding and work	Berita Harian, Sept 2015 Oriental Daily, Aug 2015
• Ducklicious	Flavours Magazine, Sept 2012
Healthy Eating Begins with Lifestyle	Sisters Magazine, March 2012
Soal Jawab Diet	Rapi Magazine, Jan 2012
6 Budget Superfoods	Personal Money, Nov 2011

Contributions to Professional Bodies/ NGOs

Life member of Nutrition Society of Malaysia (NSM)	2009 - present
Council member	2011 - 2016
Life member of Malaysian Association for the Study of Obesity (MASO)	2010 - present
Asst. secretary (co-opt)	2010-2011
Participation in Nutrition Research Projects	
Energy requirement and its metabolic determinants among paediatric patients with leukaemia	2008 – 2012
	2008 – 2012 2012 - 2016

Research Publications

- Tee ES, Nurliyana AR, Norimah AK, Mohamed HJBJ, Tan SY, Appukutty M, Hopkins S, Thielecke F, Ong MK, Ning C, Nasir MTM. 2018. Breakfast consumption among Malaysian primary and secondary school children and relationship with body weight status - Findings from the MyBreakfast Study. Asia Pac J Clin Nutr. 2018;27(2):421-432.
- Mohd Nasir MT, Hamid Jan JM, Loy SL,, Norimah AK, Tan SY, Appukutty M, Nurliyana AR, Thielecke F, Hopkins S, Ong MK, Ning C, Tee ES. 2017. Consumption of ready-to-eat cereals (RTEC) among Malaysian children and association with socio-demographics and nutrient intakes - findings from MyBreakfast study. Food and Nutrition Research 61(1):1304692.
- Geok Lin Khor, Sue Yee Tan, Kok Leong Tan, Pauline S. Chan, Maria Sofia V. Amarra. 2016.
 Compliance with WHO IYCF indicators and dietary intake adequacy in a sample of Malaysian subjects aged 6-23 months. Nutrients 8(12): E778.

- Hamid Jan JM, Loy SL, Mohd Nasir MT, Norimah AK, Tan SY, Appukutty M, Nurliyana AR, Thielecke F, Hopkins S, Ong MK, Ning C, Tee ES. 2015. Characteristics associated with the consumption of malted drinks among Malaysian primary school children: Findings from the MyBreakfast Study. BMC Public Health 15(1): 1322.
- Norimah AK, Koo HC, Hamid Jan JM, Mohd Nasir MT, Tan SY, Appukutty M, Nurliyana AR, Thielecke F, Hopkins S, Ong MK, Ning C, Tee ES. 2015. Whole grain intakes in the diets of Malaysian children and adolescents – Findings from the MyBreakfast Study. PLoS One 10(10):e0138247 doi:10.137/journal.pone.0138247.
- Tan SY, Poh BK, Nadrah MH, Nurul Jannah A, Mohd Ismail MN. 2013. Anthropometric status and dietary intake of children with acute leukaemia during induction and consolidation phase. Journal of Human Nutrition & Dietetics 26 Suppl 1:23-33.
- Tan SY, Poh BK, Chong HX, Ismail MN, Rahman J et al. 2013. Physical activity of pediatric patients with acute leukemia undergoing induction or consolidation chemotherapy. Leukemia Research 37: 14-20.
- Tan SY, Poh BK, Mohd Ismail MN & A Rahman AJ. 2010. Predicting energy requirements of pediatric patients with disease – what methods are appropriate? Paediatric Health 4(5): 479-489.
- Tan SY, Poh BK, Mohd Ismail MN & A Rahman AJ. 2009. The assessment of basal metabolic rate among paediatric cancer patients. Annals of Nutrition & Metabolism 55(suppl 1):356.
- Poh BK, Tan SY & Rahman AJ. 2004. Penilaian kadar metabolisme asas di kalangan pesakit kanser kanak-kanak di Hospital UKM. 5th National Symposium on Health Sciences Proceedings: 347.

Other Publications

- Tee ES, Zawiah H, L Mageswary & Tan SY. 2015. Junior Chef Cookbook: Let's Play Healthy Cooking Volume 1. Nutrition Society of Malaysia.
- Tee ES, Rosita J, L Mageswary & Tan SY. 2013. Buku Masakan Pilihan Pakar Pemakanan Jilid
 2: Resipi untuk Seisi Keluarga. Nutrition Society of Malaysia.
- Tee ES, Fatimah S, Poh BK, Tan SY & Kiren S. 2012. Baby's First Bites. Nutrition Society of Malaysia.
- Mohd Nasir MT, Rokiah MY & Tan SY. 2012. Modul Gaya Hidup Nihat. Ministry of Health Malaysia.
- Tee ES, Poh BK, Tan SY & Kiren S. 2011. Breastfeed with Confidence. Nutrition Society of Malaysia.
- Amy Beh & Tan SY. 2011. Celebrate Living Well with Diabetes: 12 recipes for Type 2 diabetes.
- Poh BK, Nik Shanita S, Rasyedah AR & Tan SY. 2010. Dietary Guideline Message 3: Be physically active everyday. Malaysian Dietary Guidelines 2010.

Community Services		
Adolescent Health at Sekolah Menengah E Pilah	Dato' Abdul Samad, Kuala	2013
My Father's Home, Damansara Perdana		2014
Dignity for Children Foundation, Sentul		2015
IMU Cooking Project	2	2014 - 2015
Kechara Soup Kitchen Charity Clinic		2016
<u>Awards</u>		
IUNS Workshop on Capacity and Leadership Development in Nutritional Sciences	International Union on Nutritional Sciences (IUNS)	2017
Faculty Appreciation Week 2015 Best Academic Award (Dietetics with Nutrition)	IMU Scholar's Society	2015
IMU John Simpson Teaching Excellence Award	International Medical University (IMU)	2015
9 th APCCN Best Young Investigator's Award (Oral)	Nutrition Society of Malaysia (NSM) and Asia Pacific Clinical Nutrition Society (APCNS)	2015
Faculty Appreciation Week 2014 Best Academic Award (Dietetics with Nutrition)	IMU Scholar's Society	2014

2nd Prize Best Poster Award

NSM Postgraduate Prize 2013

London Met Scholarship 2006/07

NSM Undergraduate Prize 2005

NSM Publication Prize 2012

Anugerah Dekan FSKB

finalists)

NNI Young Researcher Award (Top 5

Malaysian Paediatric Haematology &

Nutrition Society of Malaysia (NSM)

Nutrition Society of Malaysia (NSM)

Nutrition Society of Malaysia (NSM)

London Metropolitan University

Universiti Kebangsaan Malaysia

Nestle Nutrition Institute (NNI)

Oncology (MASPHO)

2014

2013

2013

2012

2006

2005

Semesters 1, 2 and 3 (2001-2003)

NOMINATION FOR FELLOW OF NSM, 2020

Picture (Recent)	
Full Name	Megawati binti Suzari
Membership No	A22477
Date of Birth	15 April 1971
Nationality	Malaysian
Current Position	Director of New Product Development, Scientific and Regulatory Affairs, Fonterra Brands (M) Sdn Bhd
Previous	Senior R&D Manager, Dumex Numico Sdn Bhd
appointments	Manufacturing Technologist, Nestle Foods Malaysia
Academic/Professional	Bachelor of Science Honours (Chemistry)
Qualifications	University Of Wollongong, Australia
Duefessional C	MOU
Professional & Meritorious	MOH Tooksisel Westing group Healthier Chaice Logo (Daim)
Contributions to the	Technical Working group Healthier Choice Logo (Dairy) Heat the FSOD to understand the cabool will group and in New York the Choice Logo (Dairy)
Field of Nutrition &	 Host the FSQD to understand the school milk program in New Zealand. Learning the quality control along the supply chain.
Consultations	School milk workshop between MY Gov (FSQD) and NZ Gov
	Sponsor the workshop on UHT Process and Packaging
	Technology to MOH, FSQD, state officers with expert panels
	from New Zealand. To understand more of the process on nutrients delivery, product safety and audit criterias.
	Sponsor the workshop on knowledge sharing on food fraud
	and allergen management
	SIRIM Technical working committee on concern for foods Malaysian
	 Technical working committee on sensory for foods Malaysian Standard "Sensory evaluation – Part 2: Test preparation –
	Section 2: Apparatus – Tasting containers for food and drinks,
	MS 1499-2-1
	MITI
	Industrial Master Plan (panel member, represent FMM)
	1 st Lab Session New Industrial Master Plan (IMP) under
	International trade Working Group.
	Department of Veterinary Services
	Sponsor the Corporate Social Responsibility with Milk
	Collection Center in Sungai Petani. Providing equipment and
	advice on milk handling to benefit local dairy farmers.
	FMM
	Branding & Intellectual Property Committee
	Joint Committee overlooking overall issues related to technical
	and working group in FMM

UPM

- Jawatankuasa Pembentukan Program Baharu: Bacelor Sains (Operasi Pembuatan Makanan Dengan Pengurusan)
- Jawatankuasa Penasihat Program Fakulti Sains dan Teknologi Makanan

Fonterra Research Center, NZ

- Key member on innovation in the field of infant and young child nutrition, through various consultation on nutrients, functional claim, formulation for infant formula and follow on for Malaysia market.
- Supporting clinical research in the field of mobility health, through various consultation on products and nutrients for Malaysia market and export markets.
- Key member in supporting innovation in the field of materna nutrition, through various consultation on nutrients, functional claim, formulation for pregnant women in Malaysia.
- Key member in formulations for nutritional milk powder, technology in dry blending for Malaysia. Peer review for formulation in other countries.

Fonterra Brands Malaysia

- Lead, strategies and implement the innovation and renovation in nutritional dairy products to benefit Malaysian in all life stages including nutritional milk powder for adults on mobility health, maternal and lactating health, infant and young children health, liquid UHT, cultured milk drinks, yogurts etc. Ensuring the target nutrition are met through deep understanding of nutrients interactions, absorption and deterioration. Ensuring the nutrition are delivered in right level to support Malaysia Dietary Guidelines and local regulation.
- Lead in shaping and influencing on nutrition issue such as no added sugars, healthier choice logo, front of pack label.
- Lead and influence the regulatory to support nutrition for different life stages.

Contributions to Professional Bodies/NGOs, especially to Nutrition Society of Malaysia

NSM

- Support the initiative to encourage more research in the area of maternal health & young child nutrition, bone health nutrition, dairy nutrition through sponsorships of prize for scientists for 6 consecutive years
- Support the initiative to share advancement in nutrition science activities by enabling staff to participate in numerous NSM Conferences.
- Support the initiatives on awareness of health and nutrition issues to public in participating in Nutrition Month Malaysia.

Malaysian Technology & Development Corporation

 Appointed mentor to new and emerging entrepreneur, in area of product development, nutrition and regulatory

JAKIM

Guess Speaker for Live Programme "MYHALAL 2018" @ TV1
 Emphasising halal, nutrients and dairy goodness, particularly
 Cheese and cheese products.

UPM

- Support and encourage the young scientist in area of nutrition food science and technology through yearly contribution of prize to best students in two faculties; Public Health and Food Science & Technology.
- Various knowledge sharing sessions on food industry perspectives particularly new product development, new product innovation and food science, dairy nutrition, food regulation with final year students.

UITM

- Support on various activities on nutrition education and activities especially on dairy nutrition.
- Various knowledge sharing session with students of different faculty on new product development process, important of active lifestyle & nutrition.

World Association of Chefs Societies

 Support the knowledge sharing to chefs from more than 100 countries on food fraud, nutrition and halal in entire supply chain. Speaker for World chefs Congress & EXPO 2018

MMA (Malaysia Medical Association)

 Support on knowledge sharing session as Speaker for Annual National Specialist Summit 2018 – CME . Focus on sharing progress of clinical study on probiotics, complex milk lipids and future work on GDM. The clinical works are done by Fonterra Research & Development Centre in collaboration with scientists' expert in the field.

Participation in nutrition research projects

Maternal Health and Young Child Nutrition Bones Health Nutrition Affordable Nutrition

Lead the innovation and renovation in nutritional dairy products. Lead the formulation and nutrition strategy from concept to commercialization. Involved in consumer research and insight on nutrition understanding, the needs and the expectation. Implement the launch of various products in Malaysia, and 8 other export countries with improve nutrition level in products for target population. This include but not limited to

- 1. Increase Vitamin D in Anlene range
- 2. Addition of probiotics in Infant Formula
- 3. Addition of probiotics in products for maternal.
- 4. No added sugars in Anmum Essentials, Anlene Gold and products for Materna
- 5. Addition of prebiotics in products for young children, adults.
- 6. Low fat in product for materna under Anmum Materna
- 7. Improve level of key vitamins and minerals
- 8. Addition of probiotic in cultured milk drink
- 9. No added sugar and sugar reduction in all liquid and cultured products.
- 10. Addition of plant sterols for heart health
- 11. Addition of MFGM for brain health, leveraging on new and emerging science
- 12. Addition of DHA in products for adults and toddlers

Publications	Added carbohydrates in children's milk products increase dietary glycaemic load, Journal: Australasian Medical Journal [AMJ 2011, 4, 12, 717-738], <i>Co-author</i> with F Atkinson, R Cannan, B Soo, S Haylock, AM Rowan & J Brand-Miller Survive, Skor & Sukses, Book: True Wealth Publishing; 2007; ISBN 978-983-3364-44-2, <i>Main author</i> . Co-author - Hasbullah Othman
Community Services	Corporate Social responsibility • Strategise for Kampung Pertak to heap and support the marginalized society. Provide infrastructure to get the orang asli has interest to go to schools and learn, reduce drop off from schools. Improve nutrition amongs the children Higher Leaning Institutions (Universities, MRSM, Secondary Schools at various locations) • Motivational talk on career in nutrition, food science and technology. Industry perspectives. Community • Awareness on nutrition during fasting month through sharing of products with marginalizes society. • Visit to elderly homes and provide nutrition consultantion, activity to cheer them up.
	 Provide lesson on baking nutritious foods for community in Pulau Tioman, so they can improve the domestic economy. Include other baking lessons to young entrepreneur and house wife, to earn living through baking delicious foods, emphasizing on quality, nutrition and safety.
Awards	 This is FONTERRA Malaysia Awards – FY16 Outstanding contribution on "Strengthening Fonterra reputation with RMC and positive impact to business operation" Honorary Master of Science by UPM Recognition for contribution in dairy-based nutritional product development in Malaysia CEO Recognition Award 2013 Prize - Cash bonus of NZD of 5,000). Effective crisis management, reducing the reputation and financial risk to business in short and long term.
	 This is FONTERRA Awards 2011 Contribution for "Project Royce" leading in changing the regulatory landscape and bring positive influence with No Sugar Added formulation to Malaysia.
Other information to support Fellow nomination	