



ONG MEI GEE

GRADUATES OF UNIVERSITI SAINS MALAYSIA

EXPERIENCES

[Postgraduate Researcher] [Universiti Sains Malaysia]
[Dates from 2015 to 2023]

Data collection

- Collaborated with health professionals from Obesity Clinic, and implemented behavioural weight loss quasi-experimental study.
- Application of USM-Human Ethics.
- Conducted glycaemic index, texture analysis, and antioxidant assays.
- Conducted extensive data collection, including physical activity level, quality of life questionnaires, biochemical, nutrient, and body composition assessments.

Data Analysis and Visualization

- Leading to a main finding of > 5% weight reduction in the test group.
- Analyzed descriptive statistics, and inferential statistics including T-test, non-parametric test, and multiple time points using repeated measures ANOVA.
- Completed Intensive course in Basic Statistics and Research Methodology.

Research assistant, responsibilities included:

- Conducting focus group discussions and sensory evaluation of carbohydrates.
- Weight Loss Program for school children in National Secondary School.
- Managed grant projects to ensure effective budget management.
- Scientific writing, including research papers, grant proposals, and reports.

[Industrial trainee] [Institute for Research in Molecular
Medicine (INFORMM) USM] [Dates from May to June 2011]

• *In Vivo* and *In Vitro* Culture of *Toxoplasma gondii*, Antigen Preparation, and ELISA Optimization. [Completed with Certification of Industrial Training in Biotechnology and Management.]

EDUCATION

Ph.D. in Nutrition, Universiti Sains Malaysia (Graduated, 2023)

M.Sc. in Medical Research, Universiti Sains Malaysia
(Graduated, 2013), CGPA: 3.64/4.00

B.Sc. (Hons) in Biomedicine, Universiti Sains Malaysia
(Graduated, 2012), CGPA: 3.36/4.00

SKILLS

Data analysis (IBM SPSS, GraphPad Prism) ★★★★★☆ (Intermediate)

Microsoft Word, PowerPoint, Excel ★★★★★☆ (Intermediate)

Endnote words citation ★★★★★☆ (Intermediate)

MySQL ★★★★★☆ (Beginners)

Power BI ★★★★★☆ (Beginners)

Laboratory skills ★★★★★☆ (Intermediate)

PROFILE

Analytical research professional with over 5 years of experience in data collection and analysis. Proficient in IBM SPSS and Excel, with a background in Biomedical and nutritional-based research. Currently engaged in a part-time role in the family business and building portfolio of data analysis, including application of MySQL and Power BI.

CONTACT

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LINKEDIN:

<https://www.linkedin.com/in/ong-mei-gee-3a03541ab/>

WEBSITE:

<https://github.com/meigeeong/My-Portfolio/blob/main/README.md>

LANGUAGE:

Mandarin ★★★★★☆ (Proficient)

English ★★★★★☆ (Proficient)

Malay ★★★★★☆ (Proficient)

RESEARCH PROJECTS

1. *Toxoplasma gondii*: *In Vivo* and *In Vitro* Culture, Antigen Preparation, and ELISA Optimization (2011)
2. Detection of Anti-Amoebic Antibody Among the Senoi Aborigine in Sungai Siput, Perak (2011-2012)
3. Pharmacognostic and Antioxidant Activities Guided Fractionation Extract of *Dracaena sanderiana* Leaves (2012-2013)
4. Proximate Analysis, Elemental Analysis, and Textural Analysis of Rice Samples (2016-2017)
5. Glycaemic Index of Commercially Available White Rice and Brown Rice in East Coast of Peninsular Malaysia (2016-2018)
6. Focus Group Discussion and Sensory Evaluation of Carbohydrate Foods Among Kelantanese (2017-2019)
7. Effect of Behavioral Intervention and Nutrition Education with Brown Rice on Body Composition and Oxidative Stress Among Overweight and Obese Adults (2016-2023) (Abstract available at: <https://erepo.usm.my/entities/publication/5106e40a-de67-4d4e-83e6-9e876afcb3e1>)

CONFERENCES AND PUBLICATIONS

1. Detection of Anti-Amoebic Antibody Among the Senoi Aborigine in Sungai Siput, Perak
 - Oral Presenter, Biomedicine Symposium (2012)
2. Pharmacognostic and antioxidant properties of *Dracaena sanderiana* leaves
 - Best Oral Presenter, 7th AMDI Postgraduate Scientific Seminar (2013)
 - Publications: Available at: <https://www.mdpi.com/2076-3921/5/3/28>
3. Elemental analyses of commercially available rice samples in Malaysia by using ICP-MS and SEM-EDX
 - Oral Presenter, IFOSAC Conference (2018)
 - Publications: Available at: <https://www.asianjab.com/wp-content/uploads/2019/06/13.-AJAB-P27.pdf>
4. Glycaemic index of commercially available brown rice in East Coast of Peninsular Malaysia.
 - Publications: Available at: https://eprints.usm.my/31496/1/WR_RJ_WAM_BHu_PW_WM_Brown_Rice_2016.pdf
5. The Impact of Combination of Behavioural Intervention and Nutrition Education with Brown Rice (COMBINE-BROWN) Weight Loss Program on Anthropometric Parameters in Overweight and Obese Adults (Abstract available at: <https://erepo.usm.my/entities/publication/5106e40a-de67-4d4e-83e6-9e876afcb3e1>)
 - Oral Presenter, MASO 2019 Scientific Conference on Obesity