



Prof. Dr. Chai Hong Yeong

Professor of Medical Physics

FIOMP | FIUPESM | FIPM | IUPAP Young Scientist Award 2021

School of Medicine, Faculty of Health and Medical Sciences | Taylor's University, 47500 Subang Jaya, Malaysia

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142+

Journal Articles & Proceedings

4

IAEA Books

5

Patents

**RM
3.36M**

Research Grants

54+

PG Graduates

121+

Invited Talks

BIOGRAPHY

Dr. Yeong is a Professor of Medical Physics at Taylor's University, Malaysia, and a leading figure in the field of medical physics worldwide. She is the current President of the Southeast Asia Federation of Organizations for Medical Physics (SEAFOMP) and Chair of the Medical Physics World Board of the International Organization for Medical Physics (IOMP). She also serves as an IOMP Accreditation Board Member and a Committee Member of the Professional Relations Committee of AFOMP. Additionally, she is a co-founder of the ASEAN College of Medical Physics (ACOMP), envisions establishing a sustainable platform for medical physics education and training in ASEAN.

Dr. Yeong serves as an expert for multiple IAEA Task Groups and regional projects. In Malaysia, she plays a crucial role in national regulatory and professional development efforts, serving on the Steering Committee of the National Diagnostic Reference Levels Task Group (2021–2022), Committee of the Radiation Protection Officer in Medicine Task Group (2019–2027), and the Technical Committee of National Nuclear Technology. She also represents medical physics in the MQA Technical Committee for Allied Health Professionals.

Her research focuses on theranostic nuclear medicine, interventional radiology, and 3D printing in medicine. She has secured over RM3 million research grants, owns four patents, and has published more than 100 peer-reviewed journal articles, three academic books, and two book chapters. She is Editor-in-Chief of the eMPW Bulletin and IOMP Newsletter. She is a Guest Lecturer at Kyushu University, Japan, and a Visiting Associate Supervisor at Curtin University, Australia. To date, she has successfully supervised 54 postgraduate students, with 9 ongoing.

SECTION 1 — PERSONAL DETAILS

Current Position	Professor of Medical Physics
Institution	School of Medicine, Faculty of Health and Medical Sciences, Taylor's University
Nationality	Malaysian
Date of Birth	01 November 1982
Email	chaihong.yeong@taylors.edu.my
Phone	+6016-701 6875
Office Address	Lakeside Campus, No. 1, Jalan Taylor's, 47500 Subang Jaya, Malaysia

SECTION 2 — ACADEMIC QUALIFICATIONS

2012	Doctor of Philosophy (PhD) — Distinction <i>Medical Physics · University of Malaya, Kuala Lumpur, Malaysia</i>
2007	Master of Medical Physics — Distinction in Research Project <i>Medical Physics (Accredited by IPEM, UK) · University of Malaya, Kuala Lumpur, Malaysia</i>
2005	Bachelor of Science (Hons) — Second Class Upper Honour <i>Health Physics · University of Technology Malaysia, Johor</i>

SECTION 3 — CAREER HISTORY

2022–Present	Professor — School of Medicine, Faculty of Health and Medical Sciences, Taylor's University
2023–Present	Adjunct Professor — KPJ University, Malaysia
2026–2027	Adjunct Professor — Institut Teknologi Sepuluh Nopember, Indonesia
2026–Current	Adjunct Professor — University of Santo Tomas, Manila, The Philippines
2023–Current	Invited Lecturer — Kyushu University, Japan <i>Medical Physics and Nuclear Medicine Physics</i>
2024–2029	Visiting Lecturer — Universiti Teknologi MARA (UiTM), Malaysia
2019–Present	Part-Time Lecturer — University of Malaya, Malaysia
2018–2022	Associate Professor — School of Medicine, Faculty of Health and Medical Sciences, Taylor's University
2012–2017	Senior Lecturer — Department of Biomedical Imaging, Faculty of Medicine, University of Malaya
2007–2011	Tutor (Medical Physics) — Department of Biomedical Imaging, University of Malaya
2005–2006	Program Engineer (Electrical & Electronic Engineering) — ITG Electronics Sdn. Bhd, Johor

SECTION 4 — PROFESSIONAL MEMBERSHIPS & LEADERSHIP

International Leadership Roles

2022–2026	President — Southeast Asia Federation of Organizations for Medical Physics (SEAFOMP)
2022–2028	Chair — Medical Physics World Board, International Organization for Medical Physics (IOMP)
Current	Member — IOMP Accreditation Board
2018–2021	Chair — Professional Relations Committee, AFOMP
2014–	Co-founder & Founding Committee — ASEAN College of Medical Physics (ACOMP)
2019–2021	Vice President — SEAFOMP
Current	Editor-in-Chief — e-Medical Physics World (eMPW) Bulletin
Current	Editor-in-Chief — IOMP Newsletter
2025–	Editorial Board Member — Medical Dosimetry
Current	Editorial Board Member — Health and Technology (Springer)
Current	Editorial Board Member — Medical Physics International
Current	Editorial Board Member — Physics in Technology and Medicine

National Roles (Malaysia)

2021–2024	Steering Committee — National Diagnostic Reference Levels Task Group, Ministry of Health Malaysia
2019–2027	Task Group Expert — Radiation Protection Officer (Medicine), Ministry of Health

	Malaysia
2020–2021	Committee Member — National Policy on Nuclear Technology (DTNN), MOSTI Malaysia
Ongoing	Technical Committee — Allied Health Professionals, Malaysian Qualifications Agency (MQA)
2024–	Committee Member — DASAR TEKNOLOGI NUKLEAR NEGARA (DTNN)
2021–2023	Malaysian Counterpart — IAEA Regional Project on Internal Dosimetry Software for Radionuclide Therapy

SECTION 5 — AWARDS & HONOURS

International • 2026

Tatler Gen.T Leader of Tomorrow 2026

Tatler Asia — Recognised as a medical physicist advancing more accessible precision oncology in Southeast Asia

International • 2025

Fellow of the International Organization for Medical Physics (FIOMP)

International Organization for Medical Physics (IOMP)

International • 2025

Fellow of the International Union for Physical and Engineering Sciences in Medicine (FIUPESM)

IUPESM

National • 2025

Fellow of the Institute of Physics Malaysia (FIPM)

Institute of Physics Malaysia

International • 2023

James Dyson Award

James Dyson Foundation

International • 2023

World Champion — Dissolution Research Presentation

International Society of Pharmaceutical Dissolution Science & AAPS

International • 2023

AstraZeneca Asia Area (Top 3 Awardees)

AstraZeneca

National • 2023

MSNMMI Outstanding Research Award

Malaysian Society of Nuclear Medicine and Molecular Imaging

International • 2021

IUPAP Young Scientist Award in Medical Physics — First Malaysian & Southeast Asian recipient

International Union of Pure and Applied Physics (IUPAP) & IOMP

International • 2021

Champion — Engineering Innovation Challenge

Institute of Engineers Singapore

University • 2019

President's Award for Research and Innovation

Taylor's University

International • 2018

SEAFOMP Young Leaders Award

Southeast Asia Federation of Organizations for Medical Physics

International • 2012

Certificate of Merit — ECR 2012 (Top 40 of 4,865 posters, 100+ countries) — First Malaysian recipient

European Society of Radiology, Vienna

SECTION 6 — RESEARCH GRANTS

Total as Principal Investigator (PI)	RM 2,326,912
Total as Co-Researcher	RM 1,037,740
GRAND TOTAL	RM 3,364,652

Selected Grants

2024-2026	First use of SERACAM Hybrid Optical-Gamma Camera for Intraoperative Imaging in Breast Surgery <i>SERACAM Industrial Grant • RM 58,600 • Co-PI</i>
2023-2025	Pre-clinical Testing of Sm-153-PHBV Microspheres for Transarterial Radioembolization of Liver Cancer <i>PRGS 2023-1 • RM 159,600 • PI</i>
2019-2022	Effects of High-Dose Vitamin B Supplement on Neural Connectivity and Oxidative Metabolism: Phase II RCT <i>Blackmores • RM 536,138 • PI</i>
2019-2022	Herbal Extract Supplements for Sexual Health in Healthy Aging Males: Phase II RCT <i>Blackmores • RM 425,202 • PI</i>
2019-2021	Biodegradable Hybrid Microspheres Combining Chemotherapeutic and Radioactive Agents for Liver Cancer <i>FRGS 2019-2 • RM 160,200 • PI</i>
2017-2019	Laser Ablation Needle for Tissue Cauterization and Percutaneous Hyperthermia Cancer Therapy <i>PRGS • RM 200,000 • PI</i>
2014-2016	Radioembolization Samarium Therapy (REST) For Liver Tumour <i>Science Fund, MOSTI • RM 250,000 • PI</i>
2013-2015	Investigation of Coronary CT Angiography Variables in Relation to Atherosclerosis <i>High Impact Research (HIR) • RM 386,540 • Co-Researcher</i>
2015-2018	In Vitro and In Vivo Assessment of Biodegradable Metal for Peripheral Vascular Stent <i>FRGS • RM 145,000 • PI</i>

SECTION 7 — PUBLICATIONS (4 Books · 2 Book Chapters · 139 Journal Articles · 25 Conference Proceedings)

Books

2025	Quality Assurance and Optimization for Fluoroscopically Guided Interventional Procedures <i>IAEA Human Health Series No. 48, Vienna · Drafting Committee Member</i>
2023	Worldwide Implementation of Digital Mammography Imaging <i>IAEA Human Health Series No. 46, Vienna · Drafting Committee Member</i>
2019	Problems and Solutions in Medical Physics: Nuclear Medicine Physics <i>Kwan Hoong Ng, Chai Hong Yeong, Alan Perkins · Taylor and Francis, UK</i>
2012	Sm-153 in Gastrointestinal Imaging <i>Chai Hong Yeong, Alan Christopher Perkins · LAMBERT Academic Publishing, Germany</i>

Book Chapters

2018	Chapter 28: Physical Basis of X-ray Breast Imaging — in Handbook of X-ray Imaging: Physics and Technology <i>Chai Hong Yeong, Kwan Hoong Ng, Noriah Jamal · CRC Press, Taylor and Francis Group</i>
2013	Chapter 6: Conventional X-ray Imaging Applications — in The Phantom of Medical and Health Physics <i>Kwan Hoong Ng, Chai Hong Yeong · Springer, US</i>

Journal Articles

1.	Nagapan G, Yeong CH, Zakaria R, Meera Mohaideen AK, Sankara Narayanan S, Jun Hao L, Selvaduray KR, Abdul Gafor AH, Ban Hock K, Karupaiah T. A Roadmap to Investigate Human Postprandial Gastric Emptying and Metabolic Responses to Solid Meal Feeding with Varying Glycemic Load: Integrating MRI Evaluation into a Crossover Design Study. <i>F1000Research</i> . 2026;15:1441. doi:10.12688/f1000research.187396.1 2026
2.	Yeong CH, Wong YH, Lim SY, et al. Protocol for a randomised, double-blind, placebo-controlled clinical trial on the effects of high-dose vitamin B multivitamin supplementation with and without Passiflora incarnata on neural connectivity and oxidative metabolism in healthy adults. <i>BMJ Open</i> . 2026;16:e116925. doi:10.1136/bmjopen-2026-116925 (First Author) 2026
3.	Tatu SS, Sato T, Furuta T, Wong YH, Kasbollah A, Suppiah S, Yeong CH. Integration of a dose-voxel kernel (DVK) convolution method for voxel-based dosimetry in particle and heavy ion transport code system (PHITS). <i>Physics in Medicine & Biology</i> . doi:10.1088/1361-6560/ae8efa (Corresponding Author) (Q1) 2026
4.	Galvan JAA, Loo GH, Kosai NR, Yeong CH, Chinna K, Nordin RB, Lee KK, Mustafa N. Long-Term Clinical Outcomes and Cost-Effectiveness of Bariatric Surgery for Type 2 Diabetes in Malaysia: A 10-Year Retrospective Cohort Study. <i>J Multidiscip Healthc</i> , 2026 Jul 8;19:590099. doi:10.2147/JMDH.S590099. PMID: 42445104; PMCID: PMC13357043 2026
5.	Karimipourfard M, Mahani H, Sina S, Yeong CH. Comparative Study on Effective Dose and Cancer Risk in Dual-tracer Hybrid Imaging. <i>J Medical Physics</i> 2026
6.	Nasiri-Tabrizi B, Yap PS, Phang ESW, Yeong CH. Tailoring Cl⁻ and CO₃²⁻ substitution in apatitic bioceramics via mechanochemical engineering. <i>J Australian Ceramic Society</i> 2026
7.	Anam C, Amilia R, Naufal A, Sutanto H, Yeong CH, Dougherty G. Evaluation of statistical low-contrast detectability (SLCD) in CT images. <i>Physica Medica</i> 2026
8.	Anam C, Naufal A, Hidayanto E, Sutanto H, Yeong CH, Dougherty G. Development of smooth d'-based contrast-detail curve for CT imaging protocol optimization. <i>Medical Physics</i> , 53(1), e70239 2026 [ISI]
9.	Anam C, Naufal A, Sutanto H, Adi K, Yeong CH, Dougherty G. Automated computation of detectability index and contrast-detail curves for CT optimization. <i>Physics in Medicine & Biology</i> , 70(19), 19NT03 2025 [ISI]
10.	Ding J, Yeong CH, Wang L, Li P. Anlotinib in cancer therapy: mechanisms of action, clinical applications, and future perspectives. <i>Cancer Chemotherapy and Pharmacology</i>

	2025
11.	Yeong CH, Wong JHD. Revolutionising patient care through medical physics. <i>Health and Technology</i> 2025 [First Author]
12.	Ravichandran VS, Hamzah NA, Tan LK, Tsapaki V et al., Yeong CH. Multi-centric clinical implementation of remote and automated QC programme for digital imaging in Malaysia. <i>Physical and Engineering Sciences in Medicine</i> , 48(3), 1359–1374 2025
13.	Karimipourfard M, Mahani H, Sina S, Alimoradi H, Karimkhani S, Yeong CH. Accurate voxel S-value calculation for internal dosimetry of 68Ga-PSMA. <i>Health and Technology</i> 2025 [Corresponding]
14.	Sadeghi MH, Sina S, Tan TH, Ong SH, Shi K, Khamwan K, Yeong CH. Current Prospects and Future Directions of Single Time Point Dosimetry in Radiopharmaceutical Therapy. <i>Nuclear Medicine and Molecular Imaging</i> 2025 [Corresponding]
15.	Alregib AH, Wong YH, Kasbollah A, Abdullah BJJ, Yeong CH. Development of biodegradable Ho-166-polycaprolactone rod for targeted theragnostic radiation therapy. <i>Health and Technology</i> 2025 [Corresponding]
16.	Mohd Noor MNZ, Wong YH, Yeong CH, Kasbollah A. Holmium-166 loaded calcium carbonate nanoparticles for targeted internal radiation therapy. <i>Health and Technology</i> 2025 [Corresponding]
17.	Wong YH, Alregib AH, Kasbollah A, Abdullah BJJ, Yeong CH. Neutron-activated theragnostic Doxorubicin- and Samarium-153 loaded microspheres for chemo-radioembolization. <i>Health and Technology</i> 2025 [Corresponding]
18.	Tatu SS, Kelley BM, Wong YH, Kasbollah A, Suppiah S, Phuna ZX, Yeong CH. Validation of PHITS in generating dose-voxel kernels for internal dosimetry calculations. <i>Health and Technology</i> 2025
19.	Tan HY, Wong YH, Kasbollah A, Shah MNM, Abdullah BJJ, Perkins AC, Yeong CH. Biodistribution and long-term toxicity of neutron-activated Sm-153 oxide-loaded microspheres. <i>Nuclear Medicine and Biology</i> , 109026 2025 [Corresponding]
20.	Maithri M, Raghavendra U, Gudigar A et al., Yeong CH. MLAR-Net: multilevel attention-based ResNet for automated emotion recognition using EEG signals. <i>IEEE Access</i> 2025
21.	Naderi Yaghouti AR, Shalbafi A, Alizadehsani R, Vijayananthan A, Yeong CH, Acharya UR. Artificial Intelligence for Ovarian Cancer Detection with Medical Images: A Review (2013–2023). <i>Archives of Computational Methods in Engineering</i> 2025
22.	Ardakani AA, Mohammadi A, Yeong CH et al., Acharya UR. Diagnosis of Thyroid Nodule Malignancy Using Peritumoral Region and Artificial Intelligence. <i>Journal of Ultrasound in Medicine</i> 2025
23.	Sadeghi MH, Sina S, Alavi M, Giammarile F, Yeong CH. PET/CT-based 3D multi-class semantic segmentation of ovarian cancer and radiomics stability. <i>Physical and Engineering Sciences in Medicine</i> , 47, 1739–1749 2024
24.	Hadi MFRA, Hashikin NAA, Ying CK, Zuber SH, Yeong CH, Yoon TL, Ng KH. Personalized 3D Dosimetry of 90Y Radioembolization using GATE Monte Carlo Simulation. <i>Radiation Physics and Chemistry</i> , 111956 2024
25.	Silberstein J, Tran S, Wong YH, Yeong CH, Sun Z. 3D-Printed Chest Phantom with Lung Nodules for Ultra-Low-Dose CT Protocol Studies. <i>Applied Sciences</i> , 15(1), 309 2024
26.	Jamal N, Krisanachinda A, Tsapaki V, Islam MR, Pawiro S, Yeong CH et al. Strengthening education and training programmes for medical physics in Asia: IAEA RAS6088. <i>Physical and Engineering Sciences in Medicine</i> 2024
27.	Nasiri-Tabrizi B, Basirun WJ, Walvekar R, Yeong CH, Phang SW. Exploring the potential of intermetallic alloys as implantable biomaterials: A comprehensive review. <i>Biomaterials Advances</i> , 213854 2024
28.	Nasiri-Tabrizi B, Yeong CH. Mechanosynthesis of substituted hydroxyapatite bone grafts: A systematic review. <i>Materials Today Communications</i> , 108610 2024
29.	Nasiri-Tabrizi B, Basirun WJ, Yeong CH, Walvekar R, Phang SW. Mechanosynthesis of F- and CO32- mono- and co-substituted hydroxyapatite. <i>Journal of Molecular Structure</i> , 1315, 138809 2024
30.	Gudigar A, Raghavendra U, Maithri M et al., Acharya UR, Yeong CH. Automated system for detection of heart anomalies using phonocardiograms. <i>IEEE Access</i> 2024

31.	Andoy-Galvan JA, Patil SS, Wong YH, Madhavan P, Wee LH et al., Yeong CH. Understanding the future of dengue in Malaysia: knowledge, attitude, homeowner practices. <i>F1000Research</i> , 13, 1355 2024
32.	Gudigar A, Kadri NA, Raghavendra U et al., Acharya UR, Yeong CH. Automatic identification of hypertension and secondary effects using AI: a systematic review. <i>Computers in Biology and Medicine</i> , 108207 2024
33.	WeiKoh JE, Rajinikanth V, Vicnesh J, Pham T, Oh SL, Yeong CH et al. Local configuration pattern for automated detection of schizophrenia with EEG signals. <i>Expert Systems</i> , 41(5), e12957 2024
34.	Wong YH, Kasbollah A, Abdullah BJ, Yeong CH. Samarium Carbonate-Polymethacrylate Microspheres as Neutron-Activatable Radioembolic Agent. <i>Pharmaceutics</i> , 15(3):877 2023 [ISI] [Corresponding]
35.	Tan HY, Wong YH, Kasbollah A, Md Shah MN, Yahya N, Abdullah BJJ, Yeong CH. ¹⁵³Sm²O₃-Loaded Polystyrene Microspheres for Intra-Tumoural Radionuclide Therapy of Liver Cancer. <i>Pharmaceutics</i> , 15(2):536 2023 [ISI] [Corresponding]
36.	Sun Z, Wong YH, Yeong CH. Patient-Specific 3D-Printed Low-Cost Models in Medical Education and Clinical Practice. <i>Micromachines</i> , 14(2):464 2023
37.	Tan HY, Wong YH, Kasbollah A, Md Shah MN, Perkins AC, Yeong CH. Operational nuclear research reactors in Asia-Pacific for medical radionuclide production. <i>Nuclear Medicine Communications</i> , 44(4):227–43 2023 [Corresponding]
38.	Alregib AH, Tan HY, Wong YH, Kasbollah A et al., Yeong CH. Biodegradable microspheres loaded with Sm-153 and doxorubicin for chemo-radioembolization. <i>J Labelled Compounds and Radiopharmaceuticals</i> , 66(10):308–320 2023 [Corresponding]
39.	Mohd Noor MN, Alauddin AS, Wong YH, Looi CY, Wong EH, Madhavan P, Yeong CH. A Systematic Review of Molecular Hydrogen Therapy in Cancer Management. <i>Asian Pacific J Cancer Prevention</i> , 24(1):37–47 2023 [Corresponding]
40.	Nasiri-Tabrizi B, Basirun WJ, Yeong CH, Thein WM. Comparative structural refinement of nanocrystalline hydroxyapatite. <i>Materials Letters</i> , 133882 2023
41.	Nasiri-Tabrizi B, Basirun WJ, Yeong CH, Thein WM. Development of the third generation of bioceramics: Doping hydroxyapatite with s-, p-, d-, f-blocks cations. <i>Ceramics International</i> , 49(5), 7142–7179 2023
42.	Wee LH, Galvan JAA, Patil SS et al., Yeong CH. Understanding Factors Associated with Motivation to Quit Vaping among Vapers in Kuala Lumpur. <i>Healthcare</i> , 11(14), 1980 2023
43.	Bezak E, Borrás C, Hasford F et al., Yeong CH. Science diplomacy in medical physics — an international perspective. <i>Health and Technology</i> , 13(3), 495–503 2023
44.	Tuncer I, Barua PD, Dogan S et al., Yeong CH, Acharya UR. Swin-textural: A textural features-based image classification model for COVID-19 detection. <i>Informatics in Medicine Unlocked</i> , 36:101158 2023
45.	Williams A, Tillett C, Wong YH, Yeong CH, Sun Z. How 3D printing software enhances and rewards student learning of brain anatomy. <i>Australasian Medical Journal</i> , 16(3):552–5 2023
46.	Wong YH, Ting HE, Ng KH, Abdullah BJJ, Pongnapang N, Yeong CH. Tissue Equivalent Gelatine Phantom for Shear Wave Elastography Ultrasound Accuracy Verification. <i>Australasian Medical Journal</i> , 16(4):584–590 2023
47.	Sun Z, Wong YH. Development of personalised 3D printed abdominal aortic aneurysm models. <i>Australasian Medical Journal</i> , 16(5), 632–638 2023
48.	Hadi MF, Abdullah AN, Hashikin A, Ying CK, Yeong CH, Yoon TL, Ng KH. 3D slicer and GATE Monte Carlo simulation for personalised dosimetry in Y-90 radioembolization. <i>Medical Physics</i> 2022 [ISI]
49.	Tan HY, Wong YH, Kasbollah A, Shah M, Abdullah BJ, Perkins AC, Yeong CH. Neutron-activated Sm-153-loaded polystyrene microspheres for hepatic radioembolization. <i>Nuclear Medicine Communications</i> 2022 [Corresponding]
50.	Ismail UN, Azlan CA, Khairullah S, Azman RR, Lee KJ, Yeong CH, Ng KH. Bone Marrow Fat Distribution in β-Thalassemia using Chemical Shift-Based Water-Fat MRI. <i>Academic Radiology</i> , 29(4):e396–408 2022

51.	Yeong CH. Current and future development of theragnostic nuclear medicine. <i>Medical Physics International</i> , 10:363–370 2022 [First Author]
52.	Raghavendra U, Gudigar A, Roa TJ, Rajinikant V, Ciccio EJ, Yeong CH et al. Feature versus Deep Learning Based Approaches for Brain Tumor Detection. <i>International J Imaging Systems and Technology</i> , 32(2):501–16 2022
53.	WeiKoh JE, Rajinikanth V, Vicnesh J, Pham TH, Oh SL, Yeong CH et al. Local configuration pattern for automated detection of schizophrenia with EEG signals. <i>Expert Systems</i> , e12957 2022
54.	Loh PS, Yeong CH, Masohood N, Sulaiman N, Zaki RA, Fabel K, Abdullah BJJ. Deep vs moderate neuromuscular blockade in microwave ablation of liver tumours: RCT. <i>Scientific Reports</i> , 11(1):1–7 2021 [ISI] [Corresponding]
55.	Tan D, Lim KS, Wong YH, Abd Raziff HH, Sulaiman N, Abdullah BJ, Ahmad H, Yeong CH. Multivariate Regression: Hounsfield Unit Shift, Tissue Temperature, Tissue Contraction. <i>IEEE Trans Instrumentation and Measurement</i> , 70:1–9 2021 [ISI]
56.	Abd Raziff HH, Tan D, Tan SH, Wong YH, Lim KS, Yeong CH et al. Laser-heated needle for biopsy tract ablation: In vivo study of rabbit liver biopsy. <i>Physica Medica</i> , 82:40–45 2021 [Corresponding]
57.	Sun Z, Ng CK, Wong YH, Yeong CH. 3D-Printed Coronary Plaques to Simulate High Calcification. <i>Biomolecules</i> , 11(9):1307 2021
58.	Saw WS, Anasamy T, Foo YY, Kua YC, Kue CS, Yeong CH et al. Delivery of Nanoconstructs in Cancer Therapy: Challenges and Therapeutic Opportunities. <i>Advanced Therapeutics</i> , 4(3):2000206 2021
59.	Ng KH, Wong JHD, Yeong CH, Zin HM, Jamal N. Medical Physics Contributes to The Advancement in Medicine. <i>ASM Science Journal</i> , 14:1–7 2021
60.	Bing L, Nasiri-Tabrizi B, Baradaran S, Yeong CH, Basirun WJ. Ultrasonic-assisted preparation of reduced graphene oxide-hydroxyapatite nanocomposite. <i>Materials Letters</i> , 284:128990 2021
61.	Sahathevan S, Khor BH, Yeong CH et al. Validity of ultrasound imaging measuring quadriceps muscle thickness in hemodialysis patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 45(2):422–426 2021
62.	Yeong CH, Azhari H, Parveen S, Stoeva M. Health management during COVID-19 pandemic — women health informaticians and medical physicists. <i>Health and Technology</i> 2021 [First Author]
63.	Tan HY, Yeong CH, Wong YH, McKenzie M, Kasbollah A, Shah MN, Perkins AC. Neutron-activated theranostic radionuclides for nuclear medicine. <i>Nuclear Medicine and Biology</i> , 90–91:55–68 2020
64.	Azlan CA, Wong JH, Tan LK et al., Yeong CH, Ng KH. Teaching and learning of postgraduate medical physics via e-learning during COVID-19. <i>Physica Medica</i> , 80:10–16 2020 [ISI]
65.	Sindi R, Wong YH, Yeong CH, Sun Z. Patient-specific 3D-printed breast phantom using silicone and peanut oils for MRI. <i>Quantitative Imaging in Medicine and Surgery</i> , 10(6):1237–48 2020
66.	Sindi R, Wong YH, Yeong CH, Sun Z. Quantitative Measurement of Breast Density Using 3D-Printed Breast Model for MRI. <i>Diagnostics</i> , 10(10):793 2020
67.	Wong YH, Tan HY, Kasbollah A, Abdullah BJ, Acharya RU, Yeong CH. Neutron-activated Sm-153 poly-L-lactic acid microspheres for intraarterial radioembolization. <i>World Journal of Experimental Medicine</i> , 10(2):10 2020 [Corresponding]
68.	Rongviriyapanich C, Sakunchit T, Sudla C, Mungkung S, Pongnapang N, Yeong CH. Sonographic Renal Length and Volume of Normal Thai Children. <i>Clinical and Experimental Pediatrics</i> 2020 [Corresponding]
69.	Sarraf M, Nasiri-Tabrizi B, Yeong CH, Hosseini HR, Saber-Samandari S, Basirun WJ. Mixed oxide nanotubes in nanomedicine: A dead-end or a bridge to the future? <i>Ceramics International</i> 2020 [ISI]
70.	Ismail UN, Azlan CA, Khairullah S et al., Yeong CH, Ng KH. Marrow fat content and composition in β-Thalassemia: A Study using ^1H-MRS. <i>Journal of Magnetic Resonance Imaging</i> 2020 [ISI]

71.	Sanmugasiva VV, Hamid MT, Fadzli F, Rozalli FI, Yeong CH, Ab Mumin N, Rahmat K. Diagnostic accuracy of digital breast tomosynthesis for mammographic abnormalities. <i>Scientific Reports</i> , 10(1) 2020 [ISI]
72.	Yek WY, Wong YH, Yeong CH, Sun Z. Clinical application of 3D printed models in preoperative planning of pancoast tumour resection. <i>Australasian Medical Journal</i> , 13(11):292–6 2020
73.	Wong YH, Tan HY, Kasbollah A, Abdullah BJJ, Acharya RU, Yeong CH. Neutron-Activated Theranostic Sm-153-Labeled Microspheres for Transarterial Radioembolization. <i>Pharmaceutics</i> , 11(11):596 2019 [ISI] [Corresponding]
74.	Sun Z, Lau I, Wong YH, Yeong CH. Personalized Three-Dimensional Printed Models in Congenital Heart Disease. <i>Journal of Clinical Medicine</i> , 8(4):522 2019 [ISI] [Corresponding]
75.	Tan D, Mohamad NA, Wong YH, Yeong CH et al. CT-based thermometry for radiofrequency ablation: Experimental assessment. <i>International Journal of Hyperthermia</i> , 36(1):554–561 2019 [ISI] [Corresponding]
76.	Dabbagh A, Hedayatnasab Z, Karimian H, Sarraf M, Yeong CH et al. PEG-coated porous magnetic nanoparticles for targeted delivery under magnetic hyperthermia. <i>International Journal of Hyperthermia</i> , 36(1):1–11 2019 [ISI]
77.	Lau I, Wong YH, Yeong CH, Abdul Aziz YF, Sari NAM, Hashim SA, Sun Z. Quantitative and qualitative comparison of low- and high-cost 3D-printed heart models. <i>Quantitative Imaging in Medicine and Surgery</i> , 9(1):107 2019
78.	Allan A, Kealley C, Squelch A, Wong YH, Yeong CH, Sun Z. Patient-specific 3D printed model of biliary ducts with congenital cyst. <i>Quantitative Imaging in Medicine and Surgery</i> , 9(1):86 2019
79.	Tan SK, Ng KH, Yeong CH, Raja Aman RRA, Sani FM, Abdul Aziz YF, Sun Z. Personalized administration of contrast medium in low tube voltage coronary CT angiography. <i>Quantitative Imaging in Medicine and Surgery</i> 2019
80.	Acharya UR, Fernandes SL, WeiKoh JE, Ciacchio EJ et al., Yeong CH. Automated Detection of Alzheimer's Disease Using Brain MRI Images. <i>Journal of Medical Systems</i> , 43(9):302 2019
81.	Etherton D, Tee L, Tillett C, Wong YH, Yeong CH, Sun Z. 3D visualization and printing in abnormal GI system manifestations of situs ambiguus. <i>Quantitative Imaging in Medicine and Surgery</i> 2019 [ISI]
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Conference Proceedings

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2.	Fong C.K., Choo H.L., Yeong C.H. et al.. Simulation of UVC disinfection system in healthcare settings <i>AIP Conference Proceedings</i> , vol. 2729, 050001 2024
3.	Tatu S.S., Kelley B.M., Yeong C. et al.. Samarium-153 Dose-Voxel Kernels and S-Factors for Novel ¹⁵³Sm-Radioembolization Theranostic Liver Treatments <i>AAPM 66th Annual Meeting & Exhibition</i> 2024
4.	Musidek I.M., Ng A., Shah M.M. et al.. SFoV Imaging Using a Hybrid Optical-Gamma Camera (HGC): Specifications and First Clinical Result <i>EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING</i> , vol. 51, S716–S716 2024
5.	Wee L.H., Galvan J.A.A., Patil S.S. et al.. Understanding factors associated with motivation to quit vaping among vapers in the federal territory of Kuala Lumpur, Malaysia <i>Healthcare</i> , vol. 11, 1980 2023
6.	Ropathy N.R.A.R., Choo H.L., Yeong C.H. et al.. UVC light simulation for room disinfection system <i>MATEC Web of Conferences</i> , vol. 335, 03012 2021
7.	Tang M.Z., Choo H.L., Yeong C.H. et al.. Development of 3D-printed heterogeneous tumour phantom for quantitative analysis in PET/CT imaging <i>MATEC Web of Conferences</i> , vol. 335, 03014 2021
8.	Koh Y., Choo H., Wong Y. et al.. Chemically modified polystyrene co-loaded with antimicrobial agents <i>Journal of Physics: Conference Series</i> , vol. 2120, 012012 2021
9.	Yeong C.H., Wong Y., Tan H.Y. et al.. Production of theranostic ¹⁵³Samarium-labelled polystyrene microparticles for hepatic radioembolization <i>Trends in Radiopharmaceuticals (ISTR-2019). Proceedings of an International Symposium. Programme and Abstracts</i> , 62–62 2020
10.	Haris A., Susilo A., Peralta A. et al.. Scientific Committee, Organising Committee and Reviewers <i>Journal of Physics: Conference Series</i> , vol. 1505, 011001 2020

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12.	How Wong Y., Yee Tan H., Kasbollah A. et al.. Biodegradable Samarium-153-labelled microspheres for hepatic radioembolization: preparation, characterization and radiolabelling evaluation after neutron activation <i>Journal of Physics: Conference Series</i> , vol. 1248, 012066 2019
13.	Leng Lee D., How Wong Y., Long Cheah P. et al.. Correlation between CT Number shift and tissue temperature change during radiofrequency ablation: an ex-vivo study using bovine liver <i>Journal of Physics: Conference Series</i> , vol. 1248, 012039 2019
14.	Aidil M., Hashikin N., Yeong C. et al.. Evaluation of organ doses following high dose rate (HDR) brachytherapy of breast cancer: a Geant4 Monte Carlo simulation study <i>Journal of Physics: Conference Series</i> , vol. 1248, 012048 2019
15.	Mah S., Vijayananthan A., Muridan R. et al.. ENDOMETRIAL SHEAR WAVE ELASTOGRAPHY: A SIMPLE TOOL FOR IMPROVING DIAGNOSTIC ACCURACY OF ENDOMETRIAL CARCINOMA FROM OTHER BENIGN ENDOMETRIAL DISEASES <i>INTERNATIONAL JOURNAL OF GYNECOLOGICAL CANCER</i> , vol. 28, 613–615 2018
16.	Abdullah B., Yeong C., Givechi S.. Tumour targeting for imaged-guided percutaneous thermal ablation: simulation modelling 2015
17.	Ting C., Yeong C., Ng K. et al.. Accuracy of tissue elasticity measurement using shear wave ultrasound elastography: A comparative phantom study <i>World Congress on Medical Physics and Biomedical Engineering, June 7-12, 2015, Toronto, Canada</i> , 252–255 2015
18.	Taharim N., Yeong C., Ng K. et al.. Evaluation of Occupational Dose Reduction in Interventional Radiology Using Lead-Free Protection Drape 2015
19.	Abdullah B., Yeong C., Dumpuri P. et al.. Co-registration of inspiratory and expiratory datasets for treatment planning for robotic-assisted liver thermal ablation 2015
20.	Yeong C., Abdullah B., Ng K. et al.. Accuracy of Tissue Elasticity Measurement Using Shear Wave Ultrasound Elastography: Comparison With Gold Standard 2015
21.	Ting H., Yeong C., Abdullah B. et al.. Investigation Of Tissue Elasticity Measurements Using Shear Wave Ultrasound Elastography 2014
22.	Choong K., Abdullah B., Kumar G. et al.. Shear wave elastography in characterization of liver tumours 2014
23.	Abdullah B., Yeong C., KULKARNI A. et al.. Robotic-Assisted CT-Guided Radiofrequency Ablation-Technical Performance 2014
24.	Abdullah B., Yeong C., Ng K.. Accuracy Of Tumour Targeting Using A CT-Compatible Robotic System–A Phantom Study 2014
25.	Yeong C., Abdullah B., Ng K. et al.. A Novel Approach of Gastrointestinal Transit Investigation Using SPECT and MR Image Fusion 2012

SECTION 8 — INTELLECTUAL PROPERTIES

Patents

2022	A Microsphere Comprising a Chemotherapeutic Drug and a Radioactive Agent and the Method of Preparation Thereof <i>National Patent Granted · MY-210234-A · Taylor's University</i>
2021	A Method for Mixing Medical Fluids and a Kit Therefor <i>National Patent Granted · MY-209681-A · Taylor's University</i>
2018	A Puncture Needle for Medical Purposes <i>National Patent Filed · PI 2018703260 · SONAH Consultancy</i>
2012	Neutron Activated ¹⁵³Sm-Labelled Microspheres <i>International Patent Granted · MY-150861-A · University of Malaya</i>
2012	Biopsy Track Ablation Device and Method Thereof <i>International Patent Granted · MY-150885-A · University of Malaya</i>

SECTION 9 — SUPERVISION OF POSTGRADUATE STUDENTS

PhD Graduates (Principal Supervisor)	6 completed — Medical Physics, Biosciences, Medical Science
PhD Ongoing (Principal Supervisor)	4 ongoing (target 2026–2027)
PhD Co-Supervisor	3 (1 graduated, 2 ongoing)
Master by Research (Principal)	3 completed
Master of Medical Physics (Dissertation)	16 completed
Clinical Master — MRad, MObGyn	27 completed
Master Ongoing (Research)	5 ongoing
TOTAL GRADUATES SUPERVISED	54+ postgraduate students

PhD — Principal Supervisor (10)

Student	Project Title	Degree	Status	Year
Nurul Hashikin Binti Ab. Aziz	Production of ¹⁵³ Sm-labelled Microparticles and Dosimetric Studies for Its Applications in Liver Radioembolization	PhD (Medical Physics)	Graduated	2017
Tan Sock Keow	Investigation of The Anatomical and Functional Imaging of Coronary Artery Disease using Single Energy and Dual Energy CT	PhD (Medical Physics)	Graduated (Distinction)	2018
Daryl Tan	Computed Tomography Number Shift for The Verification of Tissue Temperature in Radiofrequency Ablation	PhD (Medical Physics)	Graduated	2021
Tan Hun Yee	Development of Theranostic Microparticles for Selective Internal Radiation Therapy of Liver Tumours	PhD (Medical Physics)	Graduated	2022
Bahman Nasiri Tabrizi	Structural Evolution and Modeling of Multisubstituted Bioceramic Nanostructures as Bone Void Filler	PhD (Biosciences)	Graduated	2022
Qurratulann Alvi	Lifestyle, Reproductive and Socio-Demographic Factors Associated with Ovarian Cancer in Pakistan: A Case-Control Study	PhD (Medical Science)	Graduated	2023
Dr Jo Ann Andoy Galvan	The Clinical Effectiveness and Cost Effectiveness of Bariatric Metabolic Surgery for Obese Patients with Poorly Controlled T2DM in Malaysia	PhD (Medical Science)	Ongoing	Target Mar 2026
Shalaine Sana Tatu	Pre-clinical evaluation and dosimetry of biocompatible Sm-153-loaded polystyrene microspheres as a theranostic agent for SIRT of HCC	PhD (Medical Science)	Ongoing	Target Jun 2026
Asseel Hisham	Development Of Theranostic Holmium-166 Seed for Liver Tumors	PhD (Medical Science)	Ongoing	Target Oct 2026
Ding Jianhua	Development of a Radiochemoembolization Agent for Intratumoral Treatment of Solid Tumours	PhD (Medical Science)	Ongoing	Target Oct 2027

PhD — Co-Supervisor (3)

Student	Project Title	Degree	Status	Year
Rooa Sindi	Quantitative Measurement of Breast Density Using Personalized 3D-Printed Breast Model for MRI	PhD (Medical Physics)	Graduated	Jun 2021
Gowri Nagapan	Modulation of Dietary Fats with Rice on Glycaemic Response and Gut Physiology	PhD (Nutrition)	Ongoing	Target Jun 2026
Sneha Nayak	Development of Deep Learning Framework for the Automated Identification of Autism Spectrum Disorder Using MRI Data with Integrated Explainability	PhD	Ongoing	Target 2029

Master by Research – Principal Supervisor (3)

Student	Project Title	Degree	Status	Year
Prakash Kumar Sarkunam	Development of Whole Gastrointestinal Transit Scintigraphic Imaging Protocol in Paediatric Patients Using Sm-153-Radiolabelled Formulation	Master of Medical Science (Research)	Ongoing	Target Mar 2023
Hani Hareiza Binti Abd Raziff	Laser Ablation Needle for Tissue Cauterization and Percutaneous Hyperthermia Cancer Therapy	Master of Bioscience (Research)	Graduated	Nov 2020
Asseel Hisham	Development of A Biodegradable Microspheres Formulation Loaded with Sm-153 Radionuclide and Doxorubicin Chemotherapy Drug for In-Vitro Cytotoxicity Test of Liver Cancer	Master of Bioscience (Research)	Graduated	Jun 2023

Master by Research – Co-Supervisor (4)

Student	Project Title	Degree	Status	Year
Muhammad Nooraiman Zufayri Bin Mohd Noor	Development Of Holmium-166 And 5-Fluorouracil-Loaded Calcium Carbonate Nanoparticles for Targeted Chemoradiotherapy of Colorectal Cancer	Master of Medical Science (Research)	Ongoing	Target Jun 2025
Noor Dayana Uteh binti Abdul Aziz	Assessing the efficacy of immune checkpoint inhibitors (ICI) as part of a combination therapy in HPV-related cervical cancer using a zebrafish model	Master of Medical Science (Research)	Ongoing	Target Mar 2026
Intan Noorliyana Binti Md Musidek	First use of SERACAM hybrid optical-gamma camera for intraoperative imaging in breast surgery	Master of Medical Science (Research)	Ongoing	Target Mar 2026
Nur Dinie Yasmin Binti Kamarul Zaman	Optimisation of Acquisition Time per Bed Position in FDG PET/CT Lung Imaging: AI-based HYPER-DPR vs OSEM Reconstruction	Master of Medical Science (Research)	Ongoing	Target Mar 2027

Master of Medical Physics (Dissertation) – Principal Supervisor (16)

Student	Project Title	Degree	Status	Year
Ting Huong Eng	An investigation of tissue elasticity measurement using Shear Wave Ultrasound Elastography	Master of Medical Physics	Graduated	2013
Tuan Solawati Binti Tuan Muda	Dose Reduction and Image Quality in Cardiac CT Angiography	Master of Medical Physics	Graduated	2014
Nurul Khamizah Taharim	Evaluation of scatter dose reduction in interventional radiology using disposable lead-free protection sheet	Master of Medical Physics	Graduated	2014
Sharizan Binti Shaharuddin	Dose Optimization of Hysterosalpingography and Fallopian Tube Recanalization	Master of Medical Physics	Graduated	2015
Ang Tun Yeaw	Evaluation of Occupational Dose Reduction Using Lead Free Protection Drape in Interventional Radiology	Master of Medical Physics	Graduated	2015
Tan Wei Sing	Investigation of the Effects of Different Imaging Parameters on the CT Number of Coronary Plaques in CCTA: A Phantom Study	Master of Medical Physics	Graduated	2016
Wee Siew Peng	Assessment of Occupational Radiation Dose During ERCP Procedures at University of Malaya Medical Centre	Master of Medical Physics	Graduated	2016
Nur Hanisah Binti Mohamed Moner	Optimization of Radiation Dose to Patients During ERCP Procedures	Master of Medical Physics	Graduated	2016
Nurul Ashikin Binti Mohamad	Investigation of Temperature-Dependence CT Number Shift for Radiofrequency Ablation of the Liver Tumour: A Phantom Study	Master of Medical Physics	Graduated	2016
Siti Noraisyah Binti Rafzi	Exploration of an Effective Method in Reducing External Radiation Exposure to Relatives and Personnel Post-Yttrium-90 Radioembolization	Master of Medical Physics	Graduated	2016
Ong Saw Huey	Comparison of Ablation Volumes Between RFA, PEI, PELI and Combined PELI+RFA Therapy: Ex-vivo Bovine Liver Study	Master of Medical Physics	Graduated	2017

Student	Project Title	Degree	Status	Year
Nurul Akmal Binti Ariffin	Dose Optimization in Diagnostic Nuclear Medicine	Master of Medical Physics	Graduated	2017
Nurul Hasyimah Binti Kamaruddin	Optimization of Dose and Image Quality for Paediatric Digital Radiography at University of Malaya Medical Centre	Master of Medical Physics	Graduated	2017
Maisarah Binti Mohamed Hanafi	Improvement of Pre-Treatment Plan for SIRT Using Image Fusion of SPECT and Contrast CT	Master of Medical Physics	Graduated	2018
Eric Lee	Correlation between CT Number Shift and Tissue Temperature During RFA Using Ex-Vivo Bovine Liver Phantom	Master of Medical Physics	Graduated	2018
Nur Amirah Binti Amir	Assessment of Tissue Elasticity on Different Parameters Using Shear Wave Ultrasound Elastography	Master of Medical Physics	Graduated	2018

Master of Medical Physics (Dissertation) – Co-Supervisor (2)

Student	Project Title	Degree	Status	Year
Chong Seit Cheng	Assessment of Image Quality in Digital Breast Tomosynthesis	Master of Medical Physics	Graduated	2016
Nurain Borhan	Investigation of Factors Affecting Mean Glandular Dose for Patients Undergoing Digital Breast Tomosynthesis	Master of Medical Physics	Graduated	2018

Clinical Master (MRad / MOBGyn) (27)

Student	Project Title	Degree	Status	Year
Dr. Apsara Panicker	Comparison of Diffusion Weighted and Post Gadolinium Enhanced MR Images in Assessment of Treatment Volume of Uterine Fibroids Post MRgFUS	Clinical Master (MRad)	Graduated	2013
Dr. Sandeep Singh A/L Ranjit Singh	Two-year Survival In 25 Patients with Liver Metastases Treated with Radiofrequency Ablation	Clinical Master (MRad)	Graduated	2013
Dr. Chan Kam Hoong	Evaluation of Pulmonary Perfusion Imaging in Cancer Patients Using Routine Dual Source Dual Energy CT	Clinical Master (MRad)	Graduated	2013
Dr. Soheila Majd	Quantitative Dynamic Contrast Enhanced MRI in Symptomatic Uterine Fibroids and Normal Uterus	Clinical Master (MRad)	Graduated	2014
Dr. Shobhana Sivandan	Establishing the Clinical Role of Virtual Unenhanced Images in Dual Energy Excretory CT Urography in Detection of Urolithiasis	Clinical Master (MRad)	Graduated	2014
Dr. Choong Kah Lai	Shear Wave Elastography (SWE) in the Assessment of Malignant Focal Liver Lesions and Liver Cirrhosis	Clinical Master (MRad)	Graduated	2015
Dr. Narmada Shanmugam	Comparison of Bone Mineral Density of Lumbar Vertebra Using DEXA and Quantitative Single Energy CT (QCT)	Clinical Master (MRad)	Graduated	2016
Dr. Tan Tze Nee	A Study of Wells Score And D-dimer In the Evaluation of Pulmonary Embolism vs CT Pulmonary Angiogram	Clinical Master (MRad)	Graduated	2016
Dr. Asta Letchumy Krishnan	Comparison Between DEXA and Quantitative Dual Energy CT in Measuring Bone Mineral Density of Lumbar Vertebra	Clinical Master (MRad)	Graduated	2016
Dr. Aveender Kaur Bhullar	Prostatic Artery Embolization: Treatment of Benign Prostatic Hyperplasia	Clinical Master (MRad)	Graduated	2016
Dr. Nadia Gowdh	Dual Energy CT For the Assessment of Renal Masses	Clinical Master (MRad)	Graduated	2017
Dr. Farah Naz Binti Saleem	Characterization of Carotid Arteries Plaque for Patients with Head and Neck Cancers post Radiotherapy	Clinical Master (MRad)	Graduated	2017
Dr. Asta Letchumy Krishnan	Correlation Between CTPA, Wells Scoring Criteria and D-Dimer in Evaluation of Clinically Suspected Pulmonary Embolism	Clinical Master (MRad)	Graduated	2017
Dr. Vithya Visalatchi A/P Sanmugasiva	Evaluation of Diagnostic Accuracy of Digital Breast Tomosynthesis and Full Field Digital Mammography	Clinical Master (MRad)	Graduated	2017
Dr. Koh Hooi Ching	Study of Renal Artery Anatomy for Preprocedural	Clinical Master	Graduated	2017

Student	Project Title	Degree	Status	Year
	Planning of CT-Guided Ethanol Sympathicolysis in Resistant Arterial Hypertension	(MRad)		
Dr. Ham Man Chin	Selective Salpingography and Fallopian Tube Recanalization	Clinical Master (MRad)	Graduated	2017
Dr. Fatimatulzahra Binti Abdul Ghani	Early Ultrasound Assessment in Predicting Post Percutaneous Renal Biopsy Related Haemorrhage	Clinical Master (MRad)	Graduated	2017
Dr. Sim Kuan Siong	Control Values of Liver Shearwave Elastography of Healthy Pediatric Populations in Malaysia	Clinical Master (MRad)	Graduated	2017
Dr. Cheah Peng Loon	Correlation of Physical Tissue Temperature with CT Hounsfield Units during Radiofrequency Ablation	Clinical Master (MRad)	Graduated	2018
Dr. Mah Sin Yeat	Shear Wave Elastography of the Endometrium in Women with Abnormal Uterine Bleeding	Clinical Master (MRad)	Graduated	2018
Dr. Soo Suet Woon	Radiofrequency for Treating Benign Thyroid Nodules: An In-Vivo Study	Clinical Master (MRad)	Graduated	2019
Dr. Shrilekha Suriya Narayanan	Shear Wave Elastography of The Endometrium In Patients With Dysfunctional Uterine Bleeding and Tamoxifen Treated Patients	Clinical Master (MOBGyn)	Graduated	2020
Dr Barbara Kuok Li Lian	Shearwave Elastography Increases Diagnostic Accuracy of Endometrial Diseases: Benignity, Malignancy and Tamoxifen users	Clinical Master (MRad)	Graduated	2021
Dr Siti Zubaidah	Effect of High-Dose-Vitamin-B Multivitamin Supplement on Neural Connectivity in Healthy Adults	Clinical Master (MRad)	Graduated	2023
Dr Khor Boon Hock	Effect of High-Dose-Vitamin-B Multivitamin Supplement on Oxidative Metabolism in Healthy Adults	Clinical Master (MRad)	Graduated	2023
Dr Shaleene	Image-guided Biopsy Training Using a Custom Developed Abdominal Phantom	Clinical Master (MRad)	Graduated	2024
Dr Divann Esvaran A/L Sivanesvaran	Quantitative Evaluation of Fatty Degeneration and Muscular Atrophy in the Supraspinatus Muscle: A Prospective Case-Control Study	Clinical Master (MRad)	Graduated	2024

SECTION 10 – TEACHING COMPONENTS

Postgraduate Teaching

Master of Medical Physics	Applied Radiation Physics and Dosimetry · Non-Ionizing Radiation in Medicine · Medical Imaging · Nuclear Medicine · Research Project
Master of Radiology	Radiology Physics · Clinical Research Project
Master of Oncology	Radiotherapy Physics
Postgraduate Science	Research Methodology for Science

Bachelor's Degree Teaching

MBBS	Radiological Physics · Radiation Protection · Community Medicine Projects
BSc Biomedical Imaging	Specialized Imaging Modalities · Advanced Radiographic Instrumentation · Advanced Imaging Process · Applied Physics · Radiation Protection and Radiobiology · Research Methodology
BSc Biomedical Science	Biomedical Imaging Technology · Intermediate Nuclear Medicine · Introduction to Radiation Protection · Research Methodology

SECTION 11 – VISITING APPOINTMENTS

2026–Current	Adjunct Professor — University of Santo Tomas, Manila, The Philippines
2023–Current	Invited Lecturer — Kyushu University, Japan <i>Medical Physics and Nuclear Medicine Physics</i>
2019–2022	Visiting Associate Supervisor — Curtin University, Australia <i>School of Molecular and Life Sciences</i>

2023–Current	Adjunct Professor — KPJ University, Malaysia
2026–2027	Adjunct Professor — Institut Teknologi Sepuluh Nopember, Indonesia
2024–2029	Visiting Lecturer — Universiti Teknologi MARA (UiTM), Malaysia
2019–Current	Part-Time Lecturer — University of Malaya, Malaysia

SECTION 12 — IAEA ACTIVITIES & CONTRIBUTIONS TO SOCIETY

12.1 IAEA Activities

- Drafting Committee Member — IAEA Human Health Series No. 48 — Quality Assurance and Optimization for Fluoroscopically Guided Interventional Procedures · 2025
- Invited Speaker & Rapporteur — International Conference on Radiation Protection: X Ray Vision — IAEA, WHO, PAHO · 2025
- Drafting Committee Member — IAEA Human Health Series No. 46 — Worldwide Implementation of Digital Mammography Imaging · 2023
- Lecturer — Joint ICTP–IAEA Training Course on QA, QC and Optimization for Fluoroscopically-Guided Interventional Radiology · 2023
- Consultant — Preparation of IAEA Guidance Document on QC/QA and Optimization of Equipment for Fluoroscopically-Guided Interventional Radiology · 2022
- Malaysian Counterpart — IAEA Regional Project RAS6088 — Strengthening Education and Training Programmes for Medical Physics in Asia and the Pacific / Internal Dosimetry Software for Radionuclide Therapy · 2021–2023
- Participant & Speaker — IAEA Regional Training Course on Optimization of Adult and Paediatric Nuclear Medicine and Molecular Imaging Procedures · 2019
- Participant — IAEA Regional Training Course on Initiation of Postgraduate Medical Physics Academic Programmes · 2018
- Participant — International Conference on Radiation Protection in Medicine: Achieving Change in Practice, IAEA · 2017
- Participant — Joint ICTP–IAEA Workshop on Internal Dosimetry for Medical Physicists Specializing in Nuclear Medicine · 2016
- Trainee — IAEA Residential Programme in Diagnostic Radiology in Medical Physics (DRMP) · 2012–2014

12.2 National Regulatory & Professional Roles (Malaysia)

- Committee Member — Dasar Teknologi Nuklear Negara (DTNN) / Technical Committee of National Nuclear Technology · 2024–Current
- Steering Committee — National Diagnostic Reference Levels (DRL) Task Group, Ministry of Health Malaysia · 2021–2024
- Joint Technical Committee — Majlis Profesion Kesihatan Bersekutu Malaysia (MPKBM) — representing medical physics on the MQA Technical Committee for Allied Health Professionals · 2020–2023
- Committee Member — Preparation of Guidelines on Medical Ultrasound Safety, Ministry of Health Malaysia · 2020–2022
- Task Group Member — Preparation of Syllabus for the Certification Programme of Radiation Protection Officer in Medicine · 2020–2021
- Committee Member — Preparation of the National Policy on Nuclear Technology, MOSTI Malaysia · 2020–2021
- Task Group Expert — Radiation Protection Officer in Medicine Task Group, Ministry of Health Malaysia · 2019–2022

12.3 Contributions to Society

- Volunteer — National Cancer Society Malaysia (NCSM): cancer awareness talks and fundraising (2015–present)
- Pro Bono — Academy for Silent Mentor (since 2019) · Voluntary body donation programme supporting medical education
- B.O.L.E.H. (Build Our Local Expertise in Health) Leader — Innovative, community-driven solutions to help curb dengue transmission in Malaysia (2023–2025)
- Inventor & Volunteer — SUANA32 IR Thermometer donated to schools and NGOs (2020–present)
- #KitaJagaKita Campaign — 3D printed face shields for COVID-19 frontliners, Taylor's University (2020)
- Corporate Social Responsibility — Donation of HELIPROTECT UVC Disinfection System to UMMC, IOMED Sdn Bhd (2021)
- Volunteer — AFSM Medical Outreach 3.0 at Sungai Asap, Sarawak (2019)
- Hair Donation — 'Locks of Hope' Campaign (2015)
- Participant & Fundraiser — Relay for Life for cancer survivors (2015, 2016, 2019)

SECTION 13 – PRESENTATIONS (183 total)

Invited & Keynote Speaker (123)

Year	Title / Event	Role	Organizer
2026	Strategies to support large scale dose monitoring in radiology	Invited & Panelist	IAEA, International Symposium on Standards, Applications and Quality Assurance in Medical Radiation Dosimetry (IDOS 2026)
2026	Neutron-activated Samarium-153 polystyrene microspheres for image-guided theranostic radioembolization: a preclinical evaluation	Invited & Panelist	Universiti Malaysia Perlis, International Symposium of Medical Engineering Research (ISoMER 2026)
2026	Risk for Radiation Exposure in Nuclear Medicine Procedures: Thyroid and Parathyroid	Invited	International Islamic University Malaysia, Nuclear Medicine Radiation Protection Course 2026
2026	Seeing What We Treat: Theranostic Nuclear Medicine in Personalised Cancer Care	Invited	Monash University Malaysia, MET Research Seminar
2026	From Imaging to Intervention: Physics-Guided SIRT Planning and Verification	Plenary	SEAFOMP & SMPRP, SEACOMP & Philippine Conference on Medical Physics (PCMP) 2026
2026	Theranostic Nuclear Medicine Innovations in Malaysia	Invited	TSRT, 34th Annual Scientific Conference
2026	The Future-Proof Radiological Technologist: From Operator to Orchestrator	Keynote	TSRT, 34th Annual Scientific Conference
2026	Ionizing Radiation and Cancer Risk	Invited	Indian Society for Radiation Biology, ICFRBCR 2026
2025	Quantitative Theranostic Nuclear Medicine: Lessons Learnt	Invited	SEAFOMP & TSMP, 23rd SEACOMP
2025	Women in Medical Physics Workshop	Moderator	SEAFOMP & TSMP, 23rd SEACOMP
2025	Emerging Trends in Nuclear Medicine	Moderator	SEAFOMP & TSMP, 23rd SEACOMP
2025	Empowering Women's Leadership in Medical Physics - Challenges and Opportunities in Asia	Invited	IOMP-Women Webinar
2025	New Technologies & Innovations in the Field of Medical Physics	Moderator	ICMPROI Bangladesh
2025	"To see what we treat, and to treat what we see" - theranostic strategies in personalised cancer therapy	Moderator	MyCRS Local Chapter Webinar
2025	Personalised Dosimetry in Theranostic Nuclear Medicine: Seven Lessons Learnt	Invited	SEAFOMP & TSMP, WC2025
2025	Nuclear Medicine, Theranostics and Radionuclide Therapy and Dosimetry	Track Chair	SEAFOMP & TSMP, WC2025
2025	Evolving current and special settings of radiation protection and practice in nuclear medicine	Invited & Rapporteur	IAEA, WHO, PAHO
2024	Quantitative Theranostic Nuclear Medicine: How far are we from personalized dosimetry	Invited	AFOMP Monthly Webinar 2024
2024	Medical Physics Research Mentorship & Expanding Global Opportunities: From insights to Impact	Invited	AAPM GRSIC
2024	Induction of the AAPM Global Research Mentorship Programme	Invited	Clinical Oncological Unit, UMMC
2024	New Technologies and Innovations in the Field of Medical Physics	Keynote	SMPRPI, Philippine Conference on Medical Physics
2024	Nuclear Medicine Application and Innovation in Neuroimaging	Invited	NeuroCob Society & BrainConnects, Hybrid Joint Neuroimaging Conference
2024	CT Dosimetry and Image Quality	Invited	Newcastle University Medicine Malaysia
2024	Strategies to Study and Score High in MRad Part 1 Physics Exam	Invited	MCOR, Malaysian Congress of Radiology 2024
2024	Theragnostic Nuclear Medicine Approaches in the Treatment of Unresectable Tumours	Keynote	Monash University Malaysia, Asia Pacific Delivery Science Conference
2024	Basic Principles of Theragnostic Nuclear Medicine	Invited	UiTM, IMMB Research Talk 2024
2024	Quantitative Theranostic Nuclear Medicine: How far are we?	Invited	AFOMP & SEAFOMP, 24th AOCMP & 22nd SEACOMP
2024	Advances in theragnostic/molecular imaging	Moderator	AFOMP & SEAFOMP, 24th AOCMP

Year	Title / Event	Role	Organizer
			& 22nd SEACOMP
2024	Career Path in Medical Physics in Southeast Asia	Invited	UTM and MAMP, IDMP 2024
2023	Lessons Learnt from Personalised Dosimetry in Lu-177-PSMA and Lu-177-DOTATATE Therapies	Invited	Nuclear Medicine Society Singapore
2023	Malaysian Nuclear Medicine Annual Conference (MyNM 2023)	Invited Guest	MSNMMI
2023	Thriving in Academia and Beyond: Mastering Time, Skills, and Well-Being	Panel Speaker	MyCRS Young Scientist Symposium 2023
2023	Exploring the Viability of Sm-153 Services in Malaysia	Invited	Beacon Hospital, Nuclear Medicine Dept
2023	Concept and Implementation of Dosimetry in Nuclear Medicine	Invited	SEAFOMP, 21st SEACOMP & 6th PIT-FMB
2023	Adapting to the Future of Radiology: Strategies for Staying Relevant in the Age of AI	Keynote	Society of Medical Physicists in MOH, 5th ICoRSSiHS 2023
2023	Biophysics: Medical Physics	Invited	University Santo Tomas College of Science
2023	Harnessing One Health through Medical Advancement for Better Quality of Life	Invited	Malaysian Society of Parasitology and Tropical Medicine
2023	How to Turbocharge Your Performance in Radiology Physics Exams	Invited	College of Radiobiology & MYRAD, Malaysian Congress of Radiobiology
2023	Applied Physics Session	Chair	Malaysian Institute of Physics, PERFIK 2023
2022	Professional and CPD Programs for MPs in the AFOMP region	Invited	Japan Society of Medical Physics, 123rd Scientific Meeting
2022	General Thesis Presentation Tips	Invited	Malaysian Pharmacists Society, 5th NPRC Webinar
2022	Expanding Roles of Medical Physicists In Precision Oncology	Invited	Bangladesh Medical Physics Society, IMPW 2022
2022	Basic Principles of Targeted Radionuclide Therapy	Invited	AFOMP School 2022
2022	Science Diplomacy in Medical Physics in South-East Asia	Invited	IUPESM, WC2022
2022	Medical Physicists for Innovations – Need for Tuning of Training	Invited	IUPESM, WC2022
2022	Site Planning of A PET/CT Facility Including Shielding Calculations	Invited	IUPESM, WC2022
2022	Roles and Responsibilities of Medical Physicists towards Sustainable Development Goals	Invited	IUPESM, WC2022
2022	Optimization of Equipment and Radiation Protection in Fluoroscopically-guided Interventional Radiology	Invited	Indonesia Association of Medical Physics, PIT-FMB 2022
2022	Looking After Each Other: Radiation Protection in IR	Invited	MySIR Annual Scientific Meeting 2022
2022	Science Diplomacy in Medical Physics in the Asia-Oceania Region	Invited	EPSM, Australia
2022	Roles of Medical Physicists in Precision Medicine	Invited	Institute of Physics Malaysia, National Physics Conference 2022
2022	Current Development in Theranostic Nuclear Medicine	Invited	AFOMP, AOCMP 2022
2022	Optimization of Equipment and Radiation Protection in Fluoroscopically-Guided Interventional Radiology	Invited	AFOMP, AOCMP 2022
2022	Embracing Social Media in IOMP Networking	Invited	AFOMP, AOCMP 2022
2021	Community Support During COVID-19 Pandemic	Invited	Taylor's University & National Defence University, ICON-MEGOPIC2021
2021	Optimization in Nuclear Medicine and Radiation Protection / Update in Radiopharmaceutical Technologies	Invited	Platinum Radiation Sciences Consultancy
2021	Expanding Roles of Medical Physicists in Precision Oncology	Invited	SMS Medical College, Jaipur, CRHC 2021
2021	Updates in Theranostics Nuclear Medicine	Invited	Philippines Association of Medical Physics, IMPW 2021
2021	Does contact shielding improve patient safety?	Moderator	IOMP, IMPW 2021
2021	Medical Physics Research Collaboration	Faculty	University of Malaya, IMPW 2021 Malaysia
2020	Precision oncology: The expanding roles of medical physicists / Dose optimization in pediatric nuclear medicine and CT protocols	Invited	Japan Society of Medical Physics, 119th Annual Scientific Meeting
2020	Radioiodine and Second Primary Malignancies: Myths or Truths?	Invited	MSNMMI, Thyroid Cancer Seminar
2020	Fighting the Pandemic with Connecting Hearts – Societal Roles led by a Woman MP	Invited	IOMP-Women

Year	Title / Event	Role	Organizer
2020	Laser-Tissue interaction mechanism / MPE and Ocular Hazard Distance / Laser Equipment Disposal	Invited	Platinum Radiation Sciences Consultancy
2020	Radiobiology of Radiotherapy – NSD to BED	Moderator	AFOMP Monthly Webinar 2020
2020	A Shot at Success: Vaccines and Bioscience Breakthroughs to Prevent Future Pandemic	Panel Speaker	Taylor's University E-Summit 2020
2020	Monitoring of personnel and working areas / Optimization in nuclear medicine / Update in radiopharmaceutical technologies	Invited	Platinum Radiation Sciences, 2-day Course on Radiation Safety Awareness
2020	Radiation Safety Awareness in Nuclear Medicine / Update in Nuclear Medicine Technology & Radiopharmaceutical	Invited	Medical Physics Services Sdn Bhd
2020	QC of Mammography, Fluoroscopy/Angiography, and CT Systems	Speaker & Trainer	Platinum Radiation Sciences / MOH, QUAADRIL
2020	Image Quality, Image Artifact and Artificial Intelligence in Ultrasound	Invited	Ministry of Health Malaysia, Ultrasound Safety Course
2020	Establishment of Nuclear Medicine Facility and Radiopharmaceuticals in Nuclear Medicine	Invited	AFOMP Monthly Webinar 2020
2020	Theranostics	Invited	University of Malaya Medical Centre, Nuclear Medicine CME Workshop 2020
2020	Inspiring Motivational Speech for the Young Generations	Invited	Bangladesh Society of Medical Physics, IDMP 2020 Webinar
2019	Basic Radiation Physics in Medical Imaging / Mammography / Fluoroscopy / Nuclear Medicine and PET-CT	Invited	Ministry of Health, Malaysia, FRCR Part 1 Prep Course
2019	Establishing DRLs in Malaysia: Challenges and Solutions	Invited	JSRT, 75th Annual Meeting
2019	The Art and Science of Radiation Protection	Keynote	National Cancer Institute, Malaysia
2019	Radiation Protection in Nuclear Medicine Therapy / Dose Reduction in Paediatric Nuclear Medicine and CT Protocol	Invited	MSNMMI, National Conference of Nuclear Medicine
2019	Bonn Call for Action: The 3A's in Justification	Invited	SEAFOMP, 17th SEACOMP
2019	...Till the Hell Freezes Over	Invited	Asian Society of Cryosurgery, 6th Annual Conference
2019	Age of Precision Oncology: Challenges and Opportunities	Invited	Malaysian Association of Medical Physics, International Symposium on Medical Physics
2018	Basic Radiation Physics in Medical Imaging / Mammography / Fluoroscopy	Invited	Ministry of Health, Malaysia, FRCR Part 1 Prep Course (1st & 2nd 2018)
2018	The Nature and Biological Effects of Ionizing Radiation	Invited	Ministry of Health, Malaysia
2018	Towards Safer Imaging Practice	Keynote	Ministry of Health, Malaysia
2018	Nuclear Medicine & PET/CT	Invited	Ministry of Health, Malaysia, FRCR Part 1 Prep Course
2018	Radiation Dosimetry	Invited	University of Malaya Medical Centre, Iodine-125 Seed Implantation Workshop
2018	Radiation Protection: Safety Precaution in Interventional Radiology	Invited	University of Malaya Medical Centre
2018	SEAFOMP Workshop on Nuclear Medicine: Time-Integrated Activity Coefficients Calculation and Available Software	Invited	Institute of Physics Malaysia, 18th AOCMP & 16th SEACOMP
2018	IPEM Workshop on Nuclear Medicine: From Conventional Nuclear Medicine to Thera(g)nostics	Invited	Institute of Physics Malaysia, 18th AOCMP & 16th SEACOMP
2018	Age of Precision Oncology: Challenges and Opportunities	Invited	Academy For Silent Mentor, AFSM Tripartite Conference
2017	Relevance and Implementation of Dosimetry in Therapeutic Nuclear Medicine	Invited	Thai Society of Radiological Technologists
2017	Patient Dosimetry Tools in Medical Imaging	Invited	Hospital Serdang, Malaysia
2017	Basic Radiation Physics in Medical Imaging	Invited	Hospital Sungai Buloh, FRCR Part 1 Preparatory Course
2017	Basic Principle and Operation System for PET-CT	Invited	University of Malaya Medical Centre
2017	Towards a Sustainable Future of Medical Physics	Invited	Kyushu University, Japan
2017	An Overview of Nuclear Medicine Development / From Conventional Nuclear Medicine to “Thera(g)nostics” / Dosimetry in Therapeutic Nuclear Medicine / Clinical Research in the Era of Precision Medicine	Invited	Kyushu University, Japan (special lecture series)
2017	Incorporating Radiation Safety in Training	Invited	Asian Society of Vascular Surgery, 18th Congress
2017	Digital Radiography Safety: Exposure Index, Image Quality	Invited	University of Malaya Medical

Year	Title / Event	Role	Organizer
	and Patient Dose		Centre
2016	The Importance of Personal Protection Equipment & Safe Work Procedures	Invited	Hospital Tengku Ampuan Afzan, Kuantan
2016	Protective Equipment for Workers & Patients	Invited	Hospital Sultan Haji Ahmad Shah, Temerloh
2016	Physics Principles of Interventional Radiology	Invited	MIP & University of Malaya, ACOMP Workshop
2016	Biological Effect and Radiation Risk	Invited	Hospital Sungai Buloh, Selangor
2016	Radiation Protection in Radionuclide Therapy and Dosimetry	Invited	National Cancer Institute, Malaysia
2016	What is Radiation and Its Biological Effects?	Invited	Hospital Rehabilitasi Cheras, Malaysia
2016	Mammography Physics & Technology	Invited	University of Malaya Medical Centre
2015	Personal Protective Equipment: The Importance of it	Invited	Hospital Serdang
2015	An Overview of Essential Physics in Diagnostic Nuclear Medicine	Invited	IAEA & Malaysian Nuclear Agency
2015	Biological Effects and Radiation Risks	Invited	Ministry of Health, Malaysia
2015	Patient Safety: Radiation Exposure from Medical Diagnostic Imaging Procedures	Invited	Ministry of Health, Malaysia
2015	Biological Effects of Ionizing Radiation	Invited	University of Malaya
2015	Workshop: Digital Radiography	Keynote	SEAFOMP, 13th SEACOMP
2014	Anatomy of Fluoroscopy / CT Fluoroscopy Equipment: How Do I Reduce My Radiation Risk?	Invited	Malaysia Ministry of Health
2014	Principles of Equipment: An Overview of Digital Imaging Systems for Radiography and Fluoroscopy	Invited	Malaysia Ministry of Health
2014	Dose Management in Mammography	Invited	Hospital Tengku Ampuan Rahimah
2014	Radiation Quantities for Internal Dosimetry Measurement	Invited	Malaysia Ministry of Health
2014	Quality Control Test: Computed Tomography and Digital Radiography	Invited	Malaysia Ministry of Health
2014	Personal Protective Equipment (Principle and Usage)	Invited	Malaysia Ministry of Health
2014	Calculating Patient Dose Using CT Expo	Keynote	AFOMP & SEAFOMP, 14th AOCMP & 12th SEACOMP
2014	Basic Principles of Computed Tomography	Keynote	AFOMP & SEAFOMP, 14th AOCMP & 12th SEACOMP
2014	From Theory to Clinical Practice of PET-CT	Invited	University Malaya Medical Centre
2014	What is Radiation?	Invited	Mahsa University, World Radiography Day
2013	Zap It Right – Ensuring Safety in Digital Imaging	Invited	Annual Scientific Meeting, College of Radiology Malaysia
2013	Radiation Safety in Interventional Radiology	Invited	Annual Scientific Meeting, Malaysian Society of Interventional Radiology
2013	Radiation Safety in Interventional Radiology	Invited	Update in Clinical Intervention Radiology 2013, University Malaya Medical Centre

Conference Oral & Poster Presentations (60)

Year	Title / Event	Type	Organizer
2021	Fabrication of Bismuth Microparticles-Loaded Polymer Composite for Additive Manufacturing of Radiation Shielding	E-Poster	Asia-Oceania Society of Radiology, AOCR 2021
2021	Development of a Tissue-Equivalent Abdominal Phantom for CT-Guided Biopsy Training	E-Poster	Asia-Oceania Society of Radiology, AOCR 2021
2019	Quantitative and Qualitative Assessment of 3D-Printed Heart Models in Assisting Clinical Evaluations	Oral	Taylor's University, IHMSC 2019
2019	Effects of Different 3D Printing Parameters on Radiological Properties of 3D Printed Models (Best Poster Award)	Poster	Taylor's University, IHMSC 2019
2019	Preparation of Theranostic ¹⁵³ Samarium-labelled Polystyrene Microspheres for Hepatic Radioembolization	Poster	Taylor's University, IHMSC 2019
2019	Laser-Driven Hot Needle for Tissue Cauterization and Percutaneous Hyperthermia Cancer Therapy	Poster	Taylor's University, IHMSC 2019
2019	Effect of acquisition parameters on the feasibility of CT-based thermometry: RFA on phantom study	Oral	Taylor's University, IHMSC 2019
2019	Evaluation of 3D-Printed Heart Models in Assisting Pre-	Oral	SEAFOMP, 17th SEACOMP

Year	Title / Event	Type	Organizer
	Operation Treatment Planning		
2019	Production of Theranostic ¹⁵³ Samarium-labelled Polystyrene Microparticles for Hepatic Radioembolization	Oral	IAEA, ISTR-2019
2018	Overview of Early Clinical Implementation of Digital Breast Tomosynthesis (3D DBT): A Single Centre Experience	Oral	European Congress of Radiology
2018	Computed Tomography-Based Thermometry for Temperature Mapping During Percutaneous RFA: An Ex-Vivo Study Using Bovine Liver	Oral	IUPESM, World Congress of Medical Physics
2018	Radiation Dose and Lifetime Attributable Risk (LAR) of Cancer Incidence in Prospectively ECG-triggered CCTA	Oral	IUPESM, World Congress of Medical Physics
2018	Effects of Different Imaging Parameters on the CT Number of Coronary Plaques in CCTA	Poster	IUPESM, World Congress of Medical Physics
2018	Correlation Between CT Number Shift and Tissue Temperature Change During RFA: Ex-vivo Bovine Liver Study	Poster	AFOMP, SEAFOMP & IFM, 18th AOCMP & 16th SEACOMP
2018	Investigation of Factors Affecting Mean Glandular Dose for Patients Undergoing Digital Breast Tomosynthesis (Best Poster Award)	Poster	AFOMP, SEAFOMP & IFM, 18th AOCMP & 16th SEACOMP
2018	Evaluation of Organ Doses Following HDR Brachytherapy of Breast Cancer: A GEANT4 Monte Carlo Simulation Study	Poster	AFOMP, SEAFOMP & IFM, 18th AOCMP & 16th SEACOMP
2018	Evaluation of Organ Doses Following Prostate Treatment with Permanent Brachytherapy Seeds: A GEANT4 Monte Carlo Simulation Study	Poster	AFOMP, SEAFOMP & IFM, 18th AOCMP & 16th SEACOMP
2018	Systemic Investigation on the Validity of Partition Model Dosimetry for 90Y Radioembolization Using Monte Carlo Simulation (Best Poster Award)	Poster	AFOMP, SEAFOMP & IFM, 18th AOCMP & 16th SEACOMP
2017	CT thermometry during hepatic RF ablation: Assessing the CT HU-temperature correlation and feasibility in a clinical setting	Oral	ASEAN Association of Radiology Congress
2017	Assessment of Coronary Artery Stenosis Using CCTA and 3D Virtual Intravascular Endoscopy for High Coronary Calcium Score Patients	Oral	ASEAN Association of Radiology Congress
2017	Radiation Dose and Lifetime Attributable Risk (LAR) of Cancer Incidence in Prospectively ECG-triggered CCTA	Oral	ASEAN Association of Radiology Congress
2017	Investigation of Different Imaging Parameters on the CT Number of Coronary Plaques in CCTA: A Phantom Study	Poster	ASEAN Association of Radiology Congress
2017	Overview of Early Clinical Implementation of Breast Tomosynthesis: A Single Centre Experience	Poster	ASEAN Association of Radiology Congress
2017	Lead-Free Protection Drape for Radiation Exposure Reduction in Post-Yttrium-90 Radioembolization Patients: A Pilot Study	Poster	IAEA, International Conference on Radiation Protection in Medicine
2016	Synthesis and Characterization of PEG-Coated Mesoporous Maghemite Nanoparticles as Carriers in Inhalation Delivery Systems	Oral	NanoMITE Annual Symposium, Langkawi
2016	Assessment of Radiation Dose for Selected Contemporary CCTA Protocols: Phantom Study	Poster	IAEA, IMIC 2016, Vienna
2016	Organ doses from hepatic radioembolization with 90Y, 153Sm, 166Ho and 177Lu: A Monte Carlo Simulation Study Using Geant4	Oral	IOMP, International Conference of Medical Physics, Bangkok
2016	A Study on the Accuracy of the Partition Model In Estimating Absorbed Dose for Yttrium-90 Radioembolization	Oral	IOMP, International Conference of Medical Physics, Bangkok
2015	Evaluation of Occupational Dose Reduction in Interventional Radiology Using Lead-Free Protection Drape	E-Poster	European Congress of Radiology, Vienna
2015	Evaluation of Scattered Dose Reduction during Fluoroscopy-Guided Procedures Using Lead-Free Protection Drape	Poster	IUPESM, World Congress of Medical Physics, Toronto
2015	Simulation Model of Image Guided Percutaneous Thermal Ablation for Optimal Complete Tumour Ablation	Oral	IUPESM, World Congress of Medical Physics, Toronto
2015	Organ Doses from Hepatic Radioembolization with Y-90, Sm-153, Ho-166 and Lu-177: A GEANT4 Monte Carlo Simulation Study	Oral	IUPESM, World Congress of Medical Physics, Toronto
2015	Radiation Dose Assessment for Retrospective Coronary CT Angiography (CCTA) Examination	Oral	IUPESM, World Congress of Medical Physics, Toronto
2015	Elasticity Measurement Using Shear Wave Ultrasound Elastography: A Comparative Phantom Study	Oral	IUPESM, World Congress of Medical Physics, Toronto
2015	Samarium-153 Labelled Microparticles for Targeted Radionuclide Therapy of Liver Tumour	Oral	IUPESM, World Congress of Medical Physics, Toronto

Year	Title / Event	Type	Organizer
2015	Evaluation of Occupational Radiation Dose Reduction Using Lead Free Protection Drape in Interventional Radiology	Oral	Malaysian Conference of Radiology, Kuala Lumpur
2014	Patient and Phantom Dose Measurement During Cardiac CT Angiography	Poster	Malaysian College of Radiology (MCOR)
2014	An Exploration in Developing a Shear Wave Elastography Phantom for Quality Control	Poster	Malaysian College of Radiology (MCOR)
2014	Dose Estimation from Coronary CT Angiography Using CT Expo V2.2	Oral	Malaysian College of Radiology (MCOR)
2014	Neutron-Activated Samarium-153 Resin Microparticles for Targeted Radionuclide Therapy of the Liver	Oral	AFOMP & SEAFOMP, 14th AOCMP & 12th SEACOMP
2013	Shear Wave Elastography In Characterization Of Liver Tumours	Poster	IOMP, International Conference of Medical Physics, Brighton
2013	Accuracy of Tumour Targeting Using A CT Compatible Robotic System - A Phantom Study	Poster	IOMP, International Conference of Medical Physics, Brighton
2013	Robot-Assisted Radiofrequency Ablation of Liver Tumours - An Early Experience	Presenter	IOMP, International Conference of Medical Physics, Brighton
2013	Investigation of Tissue Elasticity Measurement Using Shear Wave Ultrasound Elastography: A Phantom Study	Poster	IOMP, International Conference of Medical Physics, Brighton
2012	A Novel Approach of Gastrointestinal Transit Investigation Using SPECT and MR Image Fusion (Certificate of Merit)	E-Poster	European Congress of Radiology, Vienna
2012	Neutron-Activated ¹⁵³ Sm As An Alternative Radionuclide to ¹¹¹ In for GI Transit Assessment (Best Poster - Gold Medal)	Poster	AGM, College of Radiology, Malaysia
2012	Internal Radiation Dosimetry of Oral Administered ¹⁵³ Sm For GI Transit Investigations	Presenter	World Congress of Medical Physics and Biomedical Engineering, Beijing
2012	A Novel ¹⁵³ SmCl ₃ -Ion Exchange Resin Filled Enteric-Coated Capsule Formulation for Assessing Gastrointestinal Motility	Presenter	World Congress of Medical Physics and Biomedical Engineering, Beijing
2011	Fusing SPECT and MR Images Improves the Anatomical Delineation of Tracer In Gastrointestinal Transit Time Study	Poster	AGM, College of Radiology, Malaysia
2010	Gamma Scintigraphic Evaluation of Enteric-Coated Rapidly Dissolving Formulations in Healthy Volunteers Using Sm-153	Poster	AGM 2010, College of Radiology Malaysia
2010	Evaluation of the Characteristics of Sm-153 For Gastrointestinal Imaging	Presenter	10th AOCMP, Chiang Mai
2010	Medical Radiation Exposure Study in Malaysia: Nuclear Medicine (2005-2007)	Poster	10th AOCMP, Chiang Mai
2009	Reproducibility of Neutron Activated Sm-153 in Tablets Intended for Human Volunteer Studies	Presenter	World Congress of Medical Physics and Biomedical Engineering, Munich
2009	Verification of In Vitro Dissolution Performance of Sm-153 Radiolabelled Tablets Prior to Clinical Investigation	Presenter	9th AOCMP & 7th SEACOMP, Chiang Mai
2008	Physical Characterization of Sm-153 for Scintigraphy Imaging	Presenter	8th AOCMP & 6th SEACOMP, Ho Chi Minh City
2008	Malaysian National Medical Radiation Exposure Study Research Methodology	Co-Presenter	8th AOCMP & 6th SEACOMP, Ho Chi Minh City
2007	Physical Characteristics of Multi-Prong Electrode Radiofrequency Ablation: An Ex-Vivo Study Using Bovine Liver	Presenter	AGM, College of Radiology, Malaysia
2007	A Study of Factors Affecting Bovine Liver Ablation Size In Multi-Prong Electrode RFA (Best Poster Presentation)	Presenter	EMF International Conference, Kuala Lumpur
2007	Investigation of the Thermal Distribution in Temperature Controlled Multi-Prong Electrode RFA Using Thermal Mapping	Presenter	5th SEACOMP, Manila
2006	Characteristics of Multi-Prong Electrode Radiofrequency Ablation: An Ex-Vivo Study Using Bovine Liver (Best Oral Presentation)	Presenter	4th SEACOMP, Jakarta

SECTION 14 — CONSULTANCY PROJECTS (10)

- Consultant — Preparation of a Guidance Document on QC/QA and Optimization of Equipment and Procedures Used in Fluoroscopically-guided Interventional Radiology (International Atomic Energy Agency (IAEA)) • 2022
- Consultant — Consultant for CK Medicare Sdn Bhd (CK Medicare Sdn Bhd) • 2020–Current
- Consultant — Chief Scientific Officer (IOMED Sdn Bhd) • 2020–Current
- RPO — Radiation Protection Officer (RPO) (Interventional Oncology Solutions Sdn Bhd) • 2019–Current

- Consultant — Consultant for Medical Physics Services Sdn Bhd (Medical Physics Services Sdn Bhd) • 2018–Current
- Consultant — Research Consultant to WSM Medic Sdn Bhd (WSM Medic Sdn Bhd) • 2018–Current
- Consultant — Physics and Clinical Applications of MRI and Ultrasound (Ministry of Health, Malaysia) • 2012
- Organizer — Risk Communication for Mobile Telecommunication in Malaysia (University of Malaya, in collaboration with Malaysian Communications and Multimedia Commission) • 2012
- Consultant — Training Course on the Technical Specification of Diagnostic Imaging Modalities (Ministry of Health, Malaysia) • 2011
- Consultant — Medical Radiation Exposure Study in Malaysia (Ministry of Health, Malaysia, in collaboration with UNSCEAR) • 2007–2010

SECTION 15 — EVALUATION ACTIVITIES

Thesis Examiner (27)

- External Examiner (PhD) — PhD thesis: Efficiency Calibration of NaI(Tl) Gamma Spectrometry System for Extended Sources — Shahid Mansoor, Pakistan Institute of Engineering and Applied Sciences • 2026
- External Examiner (PhD) — PhD Proposal Defence: Optimization of Time-Point-Specific Acquisition Duration for ¹⁷⁷Lu Therapy Using Uncertainty Modelling — Wuri Handayani, Chulalongkorn University • 2025
- External Examiner (Master) — PhD Proposal Defence: Potensi Kesan Insektisid Nanozarah Zink Oksida (ZnO NPs) yang Diubah Suai Permukaan Terhadap Serangga Perosak Isi Rumah Bandar — Mcleod Andy Jomi, Universiti Sains Malaysia • 2024
- External Examiner (PhD) — PhD Oral Exam: Kinetic Parameters for Bone Turnover in CKD Haemodialysis Patients Using ¹⁸F-NaF PET/CT — Viyada Sanoesan, Chulalongkorn University • 2024
- External Examiner (PhD) — PhD thesis: Machine Learning Methods for Diagnosis of Cardiac Abnormalities and Prognosis of Coma after Cardiac Arrest — Nidhi Kalidas Sawant, National Institute of Technology Goa • 2024
- External Examiner (PhD) — PhD thesis: Designing and Developing a Radiogenomic Framework for Optimised Protocol Towards Best Practices in Alzheimer Disease Diagnostics — Nur Hafizah Binti Mohad Azmi, Universiti Putra Malaysia • 2024
- External Examiner (PhD) — PhD thesis: Radiomics Analysis and Machine Learning Model for Classification of Cervical Cancer DWI-MRI Images — Zarina Binti Ramli, Universiti Putra Malaysia • 2024
- External Examiner (PhD) — PhD thesis: Optimization of Gamma Spectrometry Parameters for Improved Detection Limits Using Monte Carlo Modeling — Khizar Hayat Satti, Pakistan Institute of Engineering and Applied Sciences • 2024
- External Examiner (PhD) — PhD thesis: In Vitro Development of MUC1-CE Radioimmunotherapy for Pancreatic Ductal Adenocarcinoma — Ashleigh Hull, University of South Australia • 2024
- External Examiner (PhD) — PhD thesis: Characterization and Application of Luminescent Materials as Radiation Dosimeter — Mirza Wazir-ud-Din, Pakistan Institute of Engineering and Applied Sciences • 2023
- External Examiner (PhD) — PhD thesis: Optimal Dual-Time-Point Dynamic ⁶⁸Ga-PSMA-11 PET/CT Protocols for Parametric Imaging Generation in Prostate Cancer Patients — Paphawarin Burasothikul, Chulalongkorn University • 2023
- External Examiner (PhD) — MSc Medical Physics thesis: The Establishment of CMOS-OCT System in Conjunction with PRESAGE® for End-to-End 3D Dosimetry System for Radiotherapy of the Brain — Muhammad Zamir Mohyedin, Universiti Teknologi MARA (UITM) • 2023
- Examiner — PhD Thesis Proposal Defence — Wong Huan Xin, Taylor's University • 2022
- Examiner — Candidature Defence, Master of Regenerative Medicine — Nurul Natasha Binti Mohd Anuar, University of Malaya • 2022
- External Examiner (PhD) — PhD Proposal Defence — Chen Ew-Jen, Sunway University • 2022
- Examiner — Master of Radiology Part 1 Viva, National Exam • 2021
- Internal Examiner (Master) — MSc thesis on Molecular Subtypes in Malaysian Colorectal Cancer — See Wei Han, Taylor's University • 2021
- External Examiner (Master) — Master of Health Science thesis on Opportunistic Bone Density Screening — Mohamad Farhan Mohamad Amin, National University of Malaysia • 2021
- External Examiner (PhD) — PhD thesis on CMOS Semiconductor Image Sensor Technology for Radiotherapy Verification — Lim Siew Yong, University of Science Malaysia • 2020
- External Examiner (PhD) — PhD thesis: Development and Characterization of Silicone-Based Radiation Resistant and Gamma Shielding Material — Bashir Ahmed, Pakistan Institute of Engineering & Applied Sciences • 2020
- External Examiner (Master) — Master thesis: Radiation Dosimetry of Patients Undergoing ¹⁸F-FDG PET-CT — Dhalisa Hussin, University of Science Malaysia • 2018

- Internal Examiner (PhD) — PhD thesis: Interface and Small Radiation Field Dosimetry Using a MOSFET-based Detector — Jong Wei Loong, University of Malaya · 2017
- Panelist — MSc Proposal Defence — Zainor Zakariyah, University of Malaya · 2016
- Panelist — PhD Candidature Defence — Jong Wei Loong, University of Malaya · 2016
- Panelist — MSc Candidature Defence — Fasihah Hanum, University of Malaya · 2015
- Panelist — PhD Candidature Defence — Mohammad Javad Safari, University of Malaya · 2015
- Internal Examiner (Master) — MSc thesis: OSL Dosimeter Characterization in Megavoltage Photon Beams — Fasihah Hanum Md Yusof, University of Malaya · 2015

Grant Evaluator / Assessor (13)

- Evaluator — Exploratory Grant (GET), Ministry of Higher Education Malaysia · 2026
- Evaluator — Prototype Research Grant Scheme (PRGS) 2025 · 2025
- Assessor — Tertiary Education Research Fund (TRF), Ministry of Education, Singapore · 2024
- Evaluator — Fundamental Research Grant Scheme (FRGS) 2024 · 2024
- Assessor — Dutch Research Council (NWO) Grant Proposal, Netherlands · 2023
- Assessor — Promotion Evaluation for Associate Professor — Dr Habib Ashoor · 2023
- Assessor — Promotion Evaluation for Associate Professor — Dr Noorazarul Azmie bin Yahya · 2023
- Evaluator — Fundamental Research Grant Scheme (FRGS) 2023 · 2023
- Assessor — Promotion Evaluation for Associate Professor — Dr Mohd Zahri bin Abdul Aziz · 2022
- Assessor — Promotion Evaluation for Associate Professor — Dr Mohd Hafiz bin Mohd Zin · 2022
- Evaluator — Fundamental Research Grant Scheme (FRGS) 2022 · 2022
- Evaluator — Fundamental Research Grant Scheme (FRGS) 2020-1 · 2020
- Evaluator — Fundamental Research Grant Scheme (FRGS) 2019 (Feb & Aug rounds) · 2019

Conference & Award Judge (16)

- Judge — Research and Innovation Festival (RNIF 2025), Taylor's University · 2025
- Judge — Scientific Sessions, World Congress of Medical Physics and Biomedical Engineering (IUPESM & IOMP) · 2025
- Judge — Philippines Conference on Medical Physics 2025 (PCMP) · 2025
- Judge — MyCRS 2025 · 2025
- Judge — SEACOMP 2025 · 2025
- Marker & Moderator — Asian Physics Olympiad 2024, UTAR Kampar Campus, Perak · 2024
- Judge — 24th AOCMP and 22nd SEACOMP · 2024
- Judge — MyCRS 2024 · 2024
- Chief Judge — Free Paper Judging, Malaysian Congress of Radiology (MCOR 2024) · 2024
- Judge — NeuroCoB Society–BrainConnects Hybrid Joint International Neuroimaging Conference 2024 (NCNC 2024) · 2024
- Judge — Best Poster Award, 21st SEACOMP · 2023
- Judge — Oral and Poster Presentation, MyCRS Young Scientist Symposium · 2023
- Judge — Oral Presentation, 5th ICoRSSiHS · 2023
- Chief Judge — Oral Presentation, Malaysian College of Radiology · 2023
- Judge — Best Student Presentation Award, PERFIK 2023 · 2023
- Chief Judge — Free Paper Judging Session 2, Malaysian Congress of Radiology (MCOR 2023) · 2023

Peer Reviewer — Journals & Conference Proceedings (37)

- Sains Malaysiana (ISI) · 2021
- Computers in Biology and Medicine Journal (ISI) · 2020
- European Journal of Medical Physics (ISI) · 2020
- European Polymer Journal (ISI) · 2020
- The International Journal of Cardiovascular Imaging (ISI) · 2020
- Radiation Physics and Chemistry (ISI) × 2 reviews · 2020
- Journal of Radiological Protection (ISI) · 2020
- Health and Technology (Scopus) × 2 reviews · 2020
- JoVE Journal (ISI) · 2020
- Journal of Vascular and Interventional Radiology (ISI) · 2019–20
- Biocybernetics and Biomedical Engineering (Elsevier, ISI) · 2019

- Informatics in Medicine Unlocked (Elsevier, ISI) · 2019
- European Journal of Medical Physics (Elsevier, ISI) · 2019
- Pattern Recognition Journal (Elsevier, ISI) · 2019
- TENCON 2019 Proceedings × 3 reviews · 2019
- Infrared Physics and Technology (ISI) · 2019
- Journal of Health and Translational Medicine (Scopus) · 2019
- Proceedings, International Seminar of Medical Physics 2019 · 2019
- Proceedings, 18th AOCMP & 16th SEACOMP, Journal of Physics Conference Series (IOP, ISI) · 2018–19
- Biocybernetics and Biomedical Engineering (Elsevier, ISI) · 2018
- International Journal of Robotics Research (Sage, ISI) · 2018
- Computer Methods and Programs in Biomedicine (Elsevier, ISI) × 2 reviews · 2018
- Journal of Physics Malaysia (ESCI) · 2018
- Infrared Physics and Technology (Elsevier, ISI) · 2018
- Journal of Health and Translational Medicine (JUMMEC) · 2017
- Neural Computing and Applications (Springer, ISI) · 2017
- Pattern Recognition Letters (ISI) · 2017
- Research Proposal, Mauritius Research Council · 2017
- Information Sciences (Elsevier, ISI) × 2 reviews · 2017
- Computers in Biology and Medicine (Elsevier, ISI) · 2017
- Iranian Journal of Medical Physics (ISI) · 2017
- Proceedings, International Conference on Biological and Medical Sciences · 2016
- Knowledge-Based Systems (Elsevier) · 2016
- IOP Journal of Physics: Conference Series · 2016
- International Journal of Radiation Research · 2016
- Sains Malaysiana Journal · 2016
- Proceedings, South-East Asia Congress of Medical Physics 2015 (SEAFOMP) · 2015

SECTION 16 — ACADEMIC & RESEARCH RECOGNITIONS (27)

- Associate Editor — Scientific Reports · 2026
- Editorial Board — Medical Dosimetry · 2025
- Conference Chair — 24th AOCMP and 22nd SEACOMP 2024, AFOMP & SEAFOMP · 2024
- Associate Editor — Health and Technology, Topical Collection (Springer) · 2024
- Editorial Board — Health and Technology (Springer) · 2022
- Editorial Board — Medical Physics International
- Editorial Board — Physics in Technology and Medicine
- Moderator — IOMP Webinar for IMPW 2021: Does Contact Shielding Improve Patient Safety? · 2021
- Host — AOCC Meets IOMP Session, Asia-Oceania College of Radiology · 2021
- Chairperson, Medical Physics Session — AOCC 2021, Asia-Oceania College of Radiology · 2021
- Technical Committee — International Conference on Biomedical Imaging, Signal Processing (ICBSP 2021) · 2021
- Scientific Technical Committee — 15th International Symposium on Radiation Physics (ISRP) · 2021
- Session Chair — 15th ISRP 2021 · 2021
- Moderator — AFOMP Monthly Webinar: Radiobiology of Radiotherapy · 2020
- Chair — Ultrasound Workshop, International Conference of Health and Medical Sciences, Taylor's University · 2019
- Visiting Associate Supervisor — School of Molecular and Life Sciences, Curtin University, Australia · 2019
- Keynote Speaker — National Radiation Protection Symposium, Ministry of Health Malaysia · 2019
- Invited Researcher — Research Collaboration at Academia Sinica, Taiwan · 2018
- Chairperson — 18th Asia-Oceania Congress of Medical Physics & 16th South-East Asia Congress of Medical Physics · 2018
- Co-Chair — AFSM Tripartite Conference, Asian Society of Cryosurgery & Academy For Silent Mentor · 2018
- Chairperson — Global Webcast for International Day of Medical Physics, University of Malaya, IOMP & WHO · 2017
- Director — ACOMP Workshop on Interventional Radiology · 2016
- Founding Committee — ASEAN College of Medical Physics (ACOMP) · 2015

- Co-Chair, Scientific Session — World Congress of Medical Physics and Biomedical Engineering 2015, IUPESM · 2015
- Co-Chair, Scientific Session — 13th Southeast Asian Conference of Medical Physics, SEAFOMP · 2015
- Director — AAPM/ISEP/IOMP Imaging Physics Workshop 2015 · 2015
- Co-Chair, Keynote Session — Asian Federation of Societies for Ultrasound in Medicine and Biology 2014 · 2014

SECTION 17 — MAGAZINES, NEWSLETTERS & MEDIA COVERAGE

Magazine & Newsletter Features (8)

- Associate Professor Dr Yeong Chai Hong — Innovative Mind — Malaysian Invention & Design Society (MINDS) Special Edition, July 2021 · 2021
- Medical Physicists Involvement in the COVID-19 Pandemic — IOMP Newsletter, 2020; 2(4): Aug 2020 · 2020
- Medical Physics Development in South-East Asian Federation of Organizations for Medical Physics (SEAFOMP): 2000–2020 (with Ng KH et al.) — Medical Physics International Journal, Special Issue, History of Medical Physics 4, 2020 · 2020
- Medical Physics Development in Malaysia (with Wong JHD et al.) — Medical Physics International Journal, Vol 8, No. 3, 2020: 434–437 · 2020
- Medical physicists gathering in KL — New Straits Times, 31 Oct 2018 · 2018
- Full Congress Report: 18th AOCMP and 16th SEACOMP Successfully Held at Kuala Lumpur, Malaysia — eMPW, 2018; 34(1): 28–33 · 2018
- From Nanotechnology to Nanotherapeutics: Improving Anticancer Chemotherapy (with Kiew LV, Chung LY) — Pulse@UM, Faculty of Medicine, University of Malaya; 2018(3): 26–28. ISSN: 2660-8114 · 2018
- Report on AAPM/IOMP/ISEP Imaging Physics Workshop — Building Foundations for Sound Clinical Practice — eMPW, 2015; 6(1): 27–28 · 2015

Media Coverage (11)

- The Future Is Female: Meet Malaysia's Medical Physics Changemaker — Astro Awani, 13 April 2025 · 2025
- Empowering Women, Transforming Futures — Ova Galen Centre, 6 Mar 2025 · 2025
- Pioneering Women, Pioneering Futures: Stories from Taylor's University — Business Today, 7 Mar 2025 · 2025
- Here's the AI diagnosis: How the tech is being leveraged in M'sia's public healthcare system — The Star, 30 Jun 2025 · 2025
- 10 groundbreaking prototypes from 'Dubai Future Solutions – Prototypes for Humanity' exhibition — Gulf News, 18 Nov 2025 · 2025
- Taylor's Medical and Engineering students strike gold with innovative polymer radiation shield — The Star, 12 July 2022 · 2022
- Taylor's University's innovative approach in medical education — The Star, 26 Feb 2021 · 2021
- Medical physicist first Malaysian to get global scientist nod — The Star, 31 Oct 2021 · 2021
- Associate Professor at Taylor's University emerges first Malaysian to receive IUPAP Young Scientist Award 2021 for Cancer Treatment — Malaysia World News, 21 Oct 2021 · 2021
- Malaysian Medical Physicist Bags IUPAP Young Scientist Award 2021 — Ipoh Echo, 20 Oct 2021 · 2021
- 10 inspiring Malaysians who won international awards in 2021 — Prestige, 30 Dec 2021 · 2021