

Curriculum Vitae

Wong Ting Hei, Edward

Office Address: Rm 918, 9/F Lee
Shau Kee Bldg, The Hong Kong
Polytechnic University

Office #: +852-34008594

Email: wongthe@gmail.com

thewong@polyu.edu.hk

Facebook: [Edward Wong](#)

Research Gate:

[https://www.researchgate.net/profile/
Edward_Wong14](https://www.researchgate.net/profile/Edward_Wong14)



CAREER OBJECTIVE

To enhance my knowledge and capabilities by working in a dynamic organization that prides itself in giving substantial responsibilities to novel healthcare services in Hong Kong and International.

PROFILE

Over 30 years of imaging services in Regional Hospital Authority and Private Hospitals including Queen Elizabeth Hospital, Princess Margaret Hospital, Tuen Mun Hospital and Hong Kong Sanatorium & Hospital. Possess working experience in all modalities of Diagnostic Radiology. Resourceful and knowledgeable about radiology industry; intensely involved in hospital planning and service provision in the past couple of years. Acquire good interpersonal skill and leadership through previous position as Chief Radiographer and chair some Hong Kong Radiography Organizations. Currently broaden the perspectives of the profession by teaching in Polytechnic University. Being self-motivated, hardworking and technology sensitive, my present interest is Medical Informatics, Radiology Services development, Radiation Protection, and Radiography Teaching & Learning.

PROFESSIONAL QUALIFICATIONS

- Professional Diploma in Diagnostic Radiography, PolyU, HK 1988
- BSc (Hons), Anglia Polytechnic University, UK 1998
- Intermediate visiting MRI fellowship, U. of Pennsylvania, USA 1998
- Comprehensive PACS Training, U. of Southern California, USA 2002
- Graduate Certificate in MRI, University of Queensland, Australia 2003
- Master in Information Technology, HKOU, HK 2004
- Microsoft MCP 2005
- Certified PACS Association (CPAS) by PACS Administrators Registry and Certification Association, USA 2006
- Medical Imaging and Information Administrator (MIIA) by Japanese Association of Radiological Technologists 2006

- Fellowship of HKCRRT Medical Imaging Informatics (MII) Faculty 2009
- Lean Six Sigma Green Belt Certificate 2011
- UCLA Effective Leadership Certificate 2011
- Doctor of Health Science, Polytechnic University, HK (studying) 2015-

PROFESSIONAL ORGANIZATION STANDING

- Education Committee member, HK Radiographer Board Since 2011
- Faculty Director of HKCRRT Medical Imaging Informatics Faculty Since 2012

- Web Master of HKRA: www.hkra.org.hk Since 2012
- Chairman, Hong Kong Radiographers' Association 2013-2019
- CEO & General Secretary, HKRA Since 2019
- Web Master of HKCRRT: www.hkcrct.org Since 2014
- Vice President (Education) of HKCRRT Since 2021
- ISRRT Asia-Australia Region Co-Ordinator Since 2018
- Members of Examination Committee, HK Radiographers Board Since 2016
- Members of Education Committee, HK Radiographers Board Since 2020
- Members of HK Radiographers Board Since 2022
- Chairman of Examination Committee, HK Radiographers Board Since 2022
- Chairman of Education Committee, HK Radiographers Board Since 2022
- President of Hong Kong College of Radiographers and Radiation Therapists Since 2023
- President of Radiography Alumni Association of PolyU Since 2023

WORKING EXPERIENCE

- Graduate and work as Radiographer II in Queen Elizabeth Hospital, master General Radiography 1988-1991
- Promoted to Radiographer I in Princess Margaret Hospital, learn CT and shifted as CT Radiographer 1991-1994
- Transfer to Tuen Mun Hospital, continue the ranking as Radiographer I until leaving Tuen Mun Hospital in 2010 1994-2010
- Perform Nuclear Medicine and other specialties 1995-1999
- Interventional Radiology Team Core member 1997-2005
- Start working on the new MRI (GE 1.5T) as Team Leader 1999
- Actively involved in the development of First PACS (GE PACS) in New Territories West Cluster 2000
- Build the Filmless Ambulatory Care Centre in TMH 2002
- Procurement, planning and acquisition of Computed Radiography, Digital Radiography and PACS in the Cluster 2005-2009
- Build the Cluster PACS in NTWC (Agfa PACS) 2006-2008
- Build the Electronic Error Logging and Maintenance System for Equipment in NTWC
- Build the Voice Recognition System in NTWC 2008-2009
- Head-hunted and promoted to Chief Radiographer in Hong Kong Sanatorium & Hospital 2010-2014
- Installation of new GE PACS in Hong Kong Sanatorium & Hospital 2010-2012
- Involve in Project Management of 3 CTs, 5 MRIs, Ultrasound and Mammographic Center and the new Radiology Department 2011-2014
- Responsible for Radiation Safety, Staff Duties and other daily management tasks 2011-2014
- Responsible for Public Private Interface and transfer of images to Hospital Authority ePR system 2010-2014
- Liaison of RT and PET department for image flow and storage 2010-2014
- Take part in the integration of CMS, RIS and Billing System of HKSH 2010-2014
- Setup a PACS Team for user support in HKSH 2012-2014

- Setup the Cardiac PACS in HKSH 2012
- Setup the first Mobile Digital X-ray Machine in Hong Kong for instant viewing of images in wards through wireless network 2013
- Setup the Electronic Document System in HKSH 2013-2014
- Involved in the new MR-PET Centre planning in HKSH 2013-2014
- Setup the Universal Scheduler Display in HKSH 2013-2014
- Take part in Tele-radiography in HKSH (for Neurologist and Radiologist) 2014
- Radiology Advisor (New Hospital and Clinics establishment) of Jiahui Hospital Group in Shanghai 2014-2017
- Work as Informatics Clinical Support Manager, Asia Pacific of Bayer HealthCare 2015-2018
- Promote and train the trainers using the Radiation Dose Monitoring System which is a very advance technology in Asia Pacific Region Since 2015
- Formation of RACE (Radimetrics APAC Clinical Expertise Group) Platform to train up Clinical Supports of radiation dose monitoring in APAC Since 2015
- Contract Lecturer of Tung Wah College on CT, RP and MII 2015
- Radiology Advisor (New PACS installation) of Hong Kong Imaging Center 2015
- Radiology Advisor of Gleneagles HK 2016-2017
- Become the Informatics Clinical Support Consultant, Asia Pacific of Bayer HealthCare Since 2019
- Recruited as Senior Clinical Associate, The Hong Kong Polytechnic University Since 2020

PRESENTATION AND PUBLICATION

- Exposure selection for pediatric brain CT (oral), 12th ACRRT, HK 1999
- Dose of CT brain in pediatric patient (oral), BIR, UK 1999
- Dose reduction in CT pediatric brain (poster), ISRRT, Australia 2000
- Reject Analysis of general radiography in TMH (paper), HKRA journal 2000
- MADP-an objective way to select mAs for ped. CT brain (paper), British Journal of Radiography 2001
- The digital cycle (paper), HKRA journal 2004
- Guest speaker of HK PolyU Undergraduates on PACS 2004-2008
- Is image reject analysis necessary for PACS (oral), 13th ISRRT, HK 2005
- A web-based library of digital radiography (best poster award), 13th ISRRT, HK 2005
- Can PACS make clinical physicians happy? An outpatient department model (poster), 13th ISRRT, HK 2005
- Audit of Portable X-ray Examinations Time Span in TMH (paper), HKRA journal 2006
- Training and demonstration of AED PACS system for TMH AED clinicians 2007
- Paradigm Shift of Quality Management in Medical Image Display (oral), IAAHS, HAHO 2007
- eError Log (oral), Commission Training for Radiographers, HAHO 2008
- ePR Training and demonstration for POH clinicians 2008
- From Mini PACS to Enterprise PACS (oral), HKCRRT Inauguration Conference 2008
- Filmless Radiology Department-An Experience Sharing (oral), ASM, HKCRRT 2009
- A New Way of Reading Images Anywhere, Anyway! (oral), RCEP, HKRA 2010
- Data Migration (ePoster), AOCR 2010 2010
- Suggestion of Exposure Parameters (poster), AOCR 2010 2010
- Hong Kong PolyU Master Course Guest Lecturer on Human Anatomy and Related Imaging 2010-2013
- Archive and Retrieve: some insights (oral), HKCRRT MII Seminar 2011
- An overview of Radiation Monitoring Program in Radiology (oral), HKRA ASM 2011
- How to set up a Private Public Interface for imaging sharing (poster), SIIM ASM, Washington, USA 2011

- ePR PPI experience sharing in HAHO 2011
- PACS Administrator Basic Training in HKSH 2012
- ECR 2012 (1 oral + 1 education exhibit) 2012
- ISRRT Research Fund Award: Comparison of the effectiveness in the eye dose protection by gantry tilting or the application of the bismuth eye shield in routine CT non-helical adult brain examination using the low dose technique of iterative reconstruction projection method 2012-2013
- MII tutorial for PACS Administration (annually), Hong Kong 2012-2014
- Portable DDR performance (paper), Radiology Management, USA 2013
- Radiation Exposure Repository (oral), Korean Congress of Radiology, Korea 2013
- Hong Kong-Shanghai Academic Conference: Invited Speaker on History of PACS development in Hong Kong, Shanghai, China 2013
- ISRRT 3 days' workshop in Sri Lanka (speaker) Introduction to CR, DR and PACS, Sri Lanka 2014
- CT Radiation Dose Monitoring (oral), ISRRT 2014, Finland 2014
- Role of Radiographers in Radiation Protection (oral), Chinese Society of Imaging Technology, Chengdu, China 2014
- Evidence Based Radiation Protection (oral), Macau Radiographic Technologist Association 2014 ASM, Macau 2014
- Basic Medical Imaging for Physiotherapists (oral), Guest Presentation for HK Physiotherapists Union Meeting, Hong Kong 2015
- Big Data in Radiology (oral), Macau Radiographic Technologist Association 2015 ASM, Macau 2015
- Radiation Dose Optimization Ambassador Course, Principal Tutor of HKRA, Hong Kong 2015-2016
- Dose Monitoring & Quality Assurance in Radiology (oral), MRTA Workshop, Macau 2016
- Reducing Radiation Dose in CT – the practical (oral), MRTA Workshop, Macau 2016
- Dose Measure for different Modalities (oral), CSIT 2017, Tianjin, China 2017
- Radiation Dose Monitoring Past & Future (oral), China-HK Forum, Shenzhen, China 2017
- Guest Lecturer of Polytechnic University on Radiation Protection (HTI5723-2018), Hong Kong 2018
- Over ten invited lectures in different Conferences and Radiography events 2018
- Over five invited lectures in different Conferences and Radiography events 2019
- Guest Lecturer of The Hong Kong Polytechnic University on 2019

- Advanced Radiation Protection
- Guest Lecturer of The Hong Kong Polytechnic University on CT Contrast 2020
 - Enhance the Learning Experience through the use of Interactive Pedagogies Methodology in Radiation Protection, ISRRT WC, Thailand 2022
 - How to start a CT Dose Management Program to reduce radiation dose, ISRRT WC, Thailand 2022

OTHER ACHIEVEMENTS

- Champion, 11-side football, HA tournament 2000
- Finish by 4 hours and 23 mins in 42.5 km Full Charter Marathon 2006
- Build up a web site for PACS information and training: www.pacs.hk 2007-2015
- 100 km Trail Walker Competition and finished in 33 hours 2012
- Radiation Safety Officer, HKSH 2012-2014
- Quality Document Committee, HKSH 2013-2014
- Fellow Photographer of United Photographers Hong Kong Since 2017
- Vice President of United Photographers Hong Kong 2018-2022

End