

Name	Sutthirak Tangruangkiat, Ph.D.				
Thai name	อาจารย์ ดร.สุทธิรักษ์ ตั้งเรืองเกียรติ				
Position	Lecturer				
Responsibility for School	1. Deputy Chairman, The Executive Committee of School of Radiological Technology 2. Head, Division of Diagnostic Radiological Technology 3. The person responsible for the reception and the school equipment				
Email	sutthirak.tan@cra.ac.th				
Expertise	Ultrasonography				
Research Interest	AI in radiology and deep learning for object detection and classification in ultrasound image				
Educational Background					
Education level	Graduation year	Education field	University/School	Province	Country
Doctoral degree	2023	Ph.D. Medical Physics	Chulalongkorn University	Bangkok	Thailand
Master's degree	2005	M.Sc. Applied Radiation and Isotope	Kasetsart University	Bangkok	Thailand
Bachelor's degree	1997	B.Sc. Radiological Technology	Mahidol University	Bangkok	Thailand
Upper secondary education	1992	-	Chinorotwittayalai School	Bangkok	Thailand
Lower secondary education	1989	-	Rittiyawannalai School	Bangkok	Thailand
Work Experience					
Start year	End year	Position	Organization	Province	Country
2017	Present	Lecturer	Chulabhorn Royal Academy	Bangkok	Thailand
2014	2017	Radiological technologist	Chulabhorn Hospital	Bangkok	Thailand
2008	2014	Radiological technologist	Phyathai 2 Hospital	Bangkok	Thailand
1997	2001	Radiological technologist	Bumrungrad Hospital	Bangkok	Thailand
Publication					

Year	Journal name	Title
2018	Thai society of Radiological Technology	Vidhyarkorn S, Thitisitthikorn W, Tangruangkiat S , Phonlakrai M, Ritlumlert N, Siripongsakun S. Ultrasonography Detection of Liver Lesions: A Pilot Comparison Study between Radiologists and Sonographers. Journal of the Medical Association of Thailand. 2018 Jun 2;101.
2018	Journal of Gastroenterology and Hepatology	Siripongsakun S, Vidhyarkorn S, Charuswattanakul S, Mekraksakit P, Sungkasubun P, Yodkhunnathum N, Tangruangkiat S , Ritlumlert N, Sricharunrat T, Jaroenpatarapesaj S, Soonklang K. Ultrasound surveillance for cholangiocarcinoma in an endemic area: A prove of survival benefits. Journal of gastroenterology and hepatology. 2018 Jul;33(7):1383-8.
2019	Journal of Health Science and Medical Research (JH SMR)	Promduang A, Pongnapang N, Ritlumlert N, Tangruangkiat S , Phonlakrai M. A study of entrance surface air kerma for patients undergoing chest and abdomen from digital radiography at Chulabhorn Hospital. Journal of Health Science and Medical Research. 2019 Feb 12;37(1):51-60.
2020	Journal of Health Science and Medical Research (JH SMR)	Ritlumlert N, Tangruangkiat S , Phonlakrai M, Kawvised S, Pairodsantikul P, Vidhyarkorn S. Assessment of average glandular dose received in full-field digital mammography and digital breast tomosynthesis. Journal of Health Science and Medical Research. 2020 Mar 30;38(2):115-23.
2021	The Thai Journal of Radiological Technology	Chaiwongkot N, Jomsak T, Thabsangthong T, Tangruangkiat S , Siripongsakun S, Hiranrat P. Differentiation of vascular patterns in hepatic hemangioma using superb microvascular imaging (SMI) technology of ultrasound at Chulabhorn Hospital. The Thai Journal of Radiological Technology. 2021 Nov 29;46(1):43-51.
2023	Journal of Health Science and Medical Research (JH SMR)	Komany K, Kirisattayakul W, Ritlumlert N, Tangruangkiat S , Pairodsantikul P, Teankuae S, Kawvised S. Effectiveness of a Developed In-House Breast Phantom in Enhancing the Knowledge of Mammographic Positioning in Radiologic Technology Students: A Quasi-Experimental Study in Thailand. Journal of Health Science and Medical Research. 2024 Mar 19;42(3):20231017.
2023	The Journal of Associated Medical Sciences	Tangruangkiat S , Krisanachinda A, Ruangprapawut W, Auetavekiat S. Two-stage method for hepatocellular carcinoma screening in B-mode ultrasound images. The Journal of Associated Medical Sciences. 2023; 56 (3): 105-112

2024	Journal of Applied Clinical Medical Physics	Tangruangkiat S , Chaiwongkot N, Pamarapa C, Rawangwong T, Khunnarong A, Chainarong C, Sathapanawanthana P, Hiranrat P, Keerativittayayut R, Sungkarat W, Phonlakrai M. Diagnosis of focal liver lesions from ultrasound images using a pretrained residual neural network. Journal of Applied Clinical Medical Physics. 2024 Jan;25(1):e14210.
Teaching Course		
Student level	Course code	Course name
Undergraduate	HTRT 1105	Radiography Imaging
Undergraduate	HTRT 1201	Instrument and Quality Control in Diagnostic Radiology
Undergraduate	HTRT 1108	Radiation Protection
Undergraduate	HTRT 1112	Arts of Teaching for Radiological Technology Profession
Undergraduate	CHRT 304	General Radiography
Undergraduate	CHRT 306	Ultrasonography
Undergraduate	CHRT 307	Mammography
Undergraduate	CHRT 402	Radiation Protection in Medicine
Undergraduate	CHRT 409	Management and Quality Assurance in Radiology