Name	Ruedeerat Keerativittayayut, Ph.D.
Thai name	อาจารย์ ดร.ฤดีรัตน์ กีรติวิทยายุต
Position	Acting Assistant Dean for Research, Innovation, and Information Technology
Responsibility for School	The executive committee, School of Radiological Technology
Email	ruedeerat.kee@cra.ac.th
Expertise	Advanced Imaging Technique
Research Interest	fMRI, Medical Image processing, medical innovation, and Artificial intelligence

Educational Background

Education level	Graduation year	Education field	University/School	Province	Country
Doctoral degree	2018	Ph.D. Cognitive Neuroscience	Kochi University of Technology	Kochi	Japan
Master's degree	2012	M.Eng. Biological Engineering	King Mongkut's University of Technology Thonburi	Bangkok	Thailand
Bachelor's degree	2009	B.Eng. Computer Engineering	Prince of Songkla University	Songkla	Thailand
Upper secondary education	2005	Math-Science program	Takuapa Senanukul School	Phang-nga	Thailand
Lower secondary education	2002		Takuapa Senanukul School	Phang-nga	Thailand

Work Experience

Start year	End year	Position	Organization	Province	Country
2025	Present	Acting Assistant Dean for Research, Innovation, and Information Technology	Faculty of Health Science Technology	Bangkok	Thailand
2021	Present	Lecturer	Chulabhorn Royal Academy	Bangkok	Thailand

2012	2009	Researcher	Kochi University of Technology	Kochi	Japan
2009	2005	Research assistant	Advanced Diagnostic Imaging Center (AIMC), Faculty of Medicine, Mahidol University	Bangkok	Thailand

Publication

Year	Journal name	Title
2018	PLoS One	Sarabi MT, Aoki R, Tsumura K, **Keerativittayayut R,** Jimura K, Nakahara K. Visual perceptual training reconfigures post-task resting-state functional connectivity with a feature-representation region. PloS one. 2018 May 9;13(5):e0196866.
2018	eLife	**Keerativittayayut R,** Aoki R, Sarabi MT, Jimura K, Nakahara K. Large-scale network integration in the human brain tracks temporal fluctuations in memory encoding performance. elife. 2018 Jun 18;7:e32696.
2023	Neuroimage	Watanabe N, Miyoshi K, Jimura K, Shimane D, **Keerativittayayut R,** Nakahara K, Takeda M. Multimodal deep neural decoding reveals highly resolved spatiotemporal profile of visual object representation in humans. NeuroImage. 2023 Jul 15;275:120164.
2024	Journal of Associated Medical Sciences	Chayanon Pamarapa, Salisa Kemlek, Wichasa Sukumwattana, Pharinda Sitthikul, Sichon Khuanrubsuan, Akkarawat Chaikhampa, Paritt Wongtrakool, Ammarut Chuajak, Monchai Phonlakrai, and **Ruedeerat Keerativittayayut**. AI-based diagnosis of chronic obstructive pulmonary disease from low-dose CT images.Journal of Associated Medical Sciences. 2024; 57(2): 149-156.

Teaching Course

Student level	Course code	Course name
Undergraduate	CHRT201	Radiation Physics
Undergraduate	CHRT203	Information technology for radiological technologist
Undergraduate	CHRT309	Seminar and research methodology for radiological technology
Undergraduate	CHRT206	Instrument and quality control in diagnostic radiology
Undergraduate	CHRT205	Medical digital imaging
Undergraduate	CHRT314	Magnetic resonance imaging
Undergraduate	CHRT208	Computer Application in Radiological Technology

Undergraduate	CHRT415	Good health good life