Name	Assistant Professor Supannika Kawvised, Ph.D.
Thai name	ผู้ช่วยศาสตราจารย์ ดร.สุพรรณิการ์ ขาววิเศษ
Position	Acting Assistant Dean for Academic Affairs, Faculty of Health Science Technology
Responsibility for School	The Executive Committee of School of Radiological Technology
Email	supannika.kaw@cra.ac.th
Expertise	Diagnostic Radiology and Radiobiology
Research Interest	Radiation doses in diagnostic radiology, Potential of natural products as radiosensitizers and radioprotectors, Anticancer agents from medicinal plants, Contrast-induced neurotoxicity

Educational Background

Education level	Graduation year	Education field	University/School	Province	Country
Doctoral degree	2018	Ph.D. Neuroscience	Khon Kaen University	Khon Kaen	Thailand
Master's degree	-	-	-	-	-
Bachelor's degree	2011	B.Sc. Radiological Technology the 1st honor	Chiang Mai University	Chiang Mai	Thailand
Upper secondary education	2006	Science-Math	Yupparaj Wittayalai School	Chiang Mai	Thailand
Lower secondary education	2003		Yupparaj Wittayalai School	Chiang Mai	Thailand

Work Experience

Start year	End year	Position	Organization	Province	Country
2025	present	Acting Assistant Dean for Academic Affairs	Faculty of Health Science Technology, Chulabhorn Royal Academy	Bangkok	Thailand
2018	present	Lecturer	Radiological Technology Program, Chulabhorn Royal Academy	Bangkok	Thailand
2011	2012	Radiological Technologist	L-MC Lampang Medical Clinic	Lampang	Thailand

Publication		
Year	**Journal name**	**Title**
2017	Oxidative Medicine and Cellular Longevity	**Kawvised, S**., Wattanathorn, J., & Thukham-Mee, W. (2017). Neuroprotective and cognitive-enhancing effects of microencapsulation of mulberry fruit extract in animal model of menopausal women with metabolic syndrome. Oxidative Medicine and Cellular Longevity, 2017(1), 2962316.
2019	Oxidative Medicine and Cellular Longevity	Wattanathorn, J., **Kawvised, S.,** & Thukham-Mee, W. (2019). Encapsulated mulberry fruit extract alleviates changes in an animal model of menopause with metabolic syndrome. Oxidative Medicine and Cellular Longevity, 2019(1), 5360560.
2020	Journal of Health Science and Medical Research	Ritlumlert, N., Tangruangkiat, S., Phonlakrai, M., **Kawvised, S**., Pairodsantikul, P., & Vidhyarkorn, S. (2020). Assessment of average glandular dose received in full-field digital mammography and digital breast tomosynthesis. Journal of Health Science and Medical Research, 38(2), 115-123.
2021	Journal of Food Biochemistry	**Kawvised, S.,** Prabsattroo, T., Munkong, W., Pattum, P., Iamsaard, S., Boonsirichai, K., ... & Kirisattayakul, W. (2022). Polygonum odoratum leaf extract attenuates oxidative stress and cell death of Raw 264.7 cells exposed to low dose ionizing radiation. Journal of Food Biochemistry, 46(4), e13909.
2022	Journal of Health Science and Medical Research	Ritlumlert, N., Tweeatsani, N., Jongjirasiri, S., Kittikhemakorn, T., Chaiwongkot, N., Pairodsantikul, P., ... & **Kawvised, S***. (2023). Evaluation of radiation dose in computed tomography angiography before transcatheter aortic valve implantation. Journal of Health Science and Medical Research, 41(2), 2022910.
2022	Journal of Associated Medical Science	**Kawvised S**, Ritlumlert N*, Pairodsantikul P, Piantham W, Tweeatsani N, Luangphiphat W, Sen-ngam K, Muangsillapasart V, Sriwiset S, Saenprom B, Narapanyakul R. Patient radiation dose from fluoroscopic-guided transcatheter cardiac aortic valve implantation procedure: A single-center study in Thailand. JAMS. 2022;56(1):167-75.
2023	Journal of Radiology Nursing	Phonlakrai, M., Panyam, O., Pakdee, Y., Viboonsak, N., Wongsa, K., Patanawanitkul, R., ... & **Kawvised, S***. (2023). Assessing Patient and Caregiver Knowledge and Satisfaction on Transcatheter Arterial Chemoembolization Using Video-Based Education. Journal of Radiology Nursing, 42(3), 361-367. https://doi.org/10.1016/j.jradnu.2023.06.004
2023	Thai J Rad Tec.	Pairodsantikul, P. ., Laksika Phlangrit, L. ., Wiwatthananon, N. ., **Kawvised, S.,** Wongsa, P. ., & Pamarapa, C. (2023). The

		development of application for general radiography in skull. The Thai Journal of Radiological Technology, 48(1), 60–70. retrieved from https://he02.tci-thaijo.org/index.php/tjrt/article/view/259876
2023	Journal of Health Science and Medical Research	Komany, K., Kirisattayakul, W., Ritlumlert, N., Tangruangkiat, S., Pairodsantikul, P., Teankuae, S., & **Kawvised, S***. (2024). 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, 42(3), 20231017. DOI: http://dx.doi.org/10.31584/jhsmr.20231017
2024	Journal of Medical Imaging and Radiation Sciences	Phonlakrai, M., Zengkeaw, K., Nuangchamnong, N., Kulpakdee, N., & **Kawvised, S***. (2024). Effectiveness of smartphone applications for magnetic resonance imaging learning among radiological technology students: An alternative tool for enhancing knowledge. Journal of Medical Imaging and Radiation Sciences, 55(4), 101727. https://doi.org/10.1016/j.jmir.2024.101727

Teaching Course

Student level	Course code	Course name
Undergraduate	CHRT301	Radiobiology
Undergraduate	CHRT304	General radiography
Undergraduate	CHRT305	Contrasted radiological procedure
Undergraduate	CHRT312	Sectional anatomy in radiology
Undergraduate	HTRT1112	Arts of teaching for radiological technology profession
Undergraduate	HTRT1201	Instrument and quality control in diagnostic radiology
Undergraduate	HTRT1105	Radiographic imaging