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# Intensive course on aural re/habilitation (AR)

for young children with deafness and hard of hearing &

Public lecture series (via ZOOM), 13-14 Dec 2024 (Fri & Sat)

Department of Speech-Language Pathology and Audiology National Taipei University of Nursing and Health Sciences

# Speaker

## Dr Kevin YUEN Chi Pun

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## **Course Schedule**

# 13 Dec 2024 (Fri)

	Topics	Venue
0845 – 1015	AR intensive	
	Linking the aetiology and severity of hearing loss and aided listening	國立臺北護理健康大學
	skills with re/habilitation planning	語言治療與聽力學系
1015 – 1030	Break	臺北市北投區明德路 365 號
1030 – 1200	AR intensive	田 田 昭
	Diagnosing the level of auditory perceptual and listening skills	│ 學思樓 - F412
1200 – 1300	Lunch	F412
1300 – 1430	AR intensive	
	Tailor-making the components of therapy	
1430 – 1445	Break	
1445 – 1615	AR intensive	
	Practising Auditory training, audiovisual speech reading training and	
	listening skills training	

# 14 Dec 2024 (Sat)

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	Topic	Venue
0830 - 1000	AR intensive	國立臺北護理健康大學
	Practicing communication strategies and assertiveness training	語言治療與聽力學系
1000 – 1015	Break	臺北市北投區明德路 365 號
1015 – 1145	AR intensive	G209
	Developing an individualized education plan	
1145 – 1300	Lunch	
1300 – 1430	Public Lecture 1	ZOOM webinar
	Learning disabilities, language disorders and auditory processing	https://eduhk.zoom.us/j/7771
	disorders - what do and don't we know, and what we arrogantly think	631270
	we know which may be wrong.	&
		國立臺北護理健康大學
1430 - 1445	Break	語言治療與聽力學系
1445 –1615	Public Lecture 2	臺北市北投區明德路 365 號
	Recent evidence of aural re/habilitation outcomes of deaf and hard-	G209
	of-hearing children	
1615 - 1745	AR intensive	G209
	Q&A, Discussion	

# Public lecture series, 14 Dec 2024 (Sat)

#### 1230-1400. LECTURE 1

Learning disabilities, language disorders and auditory processing disorders - what do and don't we know, and what we arrogantly think we know which may be wrong.

With a training background as a speech-language pathologist, then an audiologist, and a faculty member at a university's academic department in special and inclusive education, I am always puzzled by how different professionals define Learning Disabilities (LeD), Language Disorders (LaD), and Auditory Processing Disorders (APD).

In this talk, I will discuss the operational definitions of the terminologies we have been using to classify these disorders in the last twenty years and how those definitions have been helping or hindering the screening, diagnostic, intervention and educational services for children and adolescents with special needs in speech, language and literacy, hearing, communication, cognition, and learning.

Then, I will present some newly developed computer application-based assessment and intervention tools by our research team at EdUHK for young Chinese-speaking children with suspected auditory processing, language and literacy difficulties.

### 1500-1700, LECTURE 2

## Recent evidence of aural re/habilitation outcomes of deaf and hard-of-hearing children

This lecture aims to reveal the current best evidence on improving the performance outcomes of children with deafness and hard of hearing: (1) medical-audiological interventions, including non-implantable, implantable hearing devices and remote microphone systems, (2) active aural re/habilitation, including auditory training, audiovisual speech recognition and speechreading training, and communication strategies training, and (3) educational programs. Those outcomes include speech recognition in quiet and in noise, speech production, language and literacy, and academic attainment.

## **Speaker**

Dr. Kevin Yuen is an Associate Professor at the Department of Special Education and Counselling at The Education University of Hong Kong (EdUHK).

Dr. Yuen is a qualified audiologist and a speech-language pathologist (speech therapist). He is also an experienced clinical specialist in cochlear implants. He received his undergraduate degree in speech and hearing sciences, a Master of Science in audiology from The University of Hong Kong, and a Doctor of Philosophy degree from the Faculty of Medicine, The Chinese University of Hong Kong.

Dr. Yuen is dedicated to researching the sound perception and speech recognition of Cantonese- and Mandarin-speaking children with deafness and hard-of-hearing in quiet and noisy environments and developing related assessment tools. Those tools include the *Cantonese Lexical Neighborhood Test (CLNT)*, the *Cantonese Disyllabic-Word Identification Test in Noise-Adaptive (CANDIWIT-N-A)*, and the Mandarin Spoken Word-Picture identification test in *Noise-Adaptive (MAPID-A)*.

One of Dr Yuen's key research areas is to identify and remediate young children in Chinese communities with Auditory Processing Disorders (APD) and to investigate the impact of APD on speech, language, and learning. He recently developed the Cantonese Pediatric Lexical Tone Dichotic Listening Test (CaPeLeToDLT) to assess auditory processing skills in young Cantonese-Chinese-speaking children.

Dr Yuen's research team is developing a low-pass filtered-speech directed-attention dichotic listening test to identify normal and disordered hemispheric laterality for speech and language processing (HeLaSpeLaPro) for young Cantonese-Chinese, Arabic, Maltese, and English speakers, and a computer application for orthographic awareness assessment and training using logographeme as a primary learning unit for young children with literacy difficulties.