

# Curriculum Vitae

## Assoc.Prof.Dr. Chailerd Pichitpornchai, MD, PhD

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### Current Employment:

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- 2018 – present Director, Institute for Innovative Learning, Mahidol University (MU).
- 2022 – present Member of Mahidol University Council (MU).
- 1986 – present Associate Professor in Neurophysiology and Computer Application in Medicine, Department of Physiology, Faculty of Medicine Siriraj Hospital, MU.

### Academic Qualification

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M.D. (Honors)	Mahidol University
Ph.D. (Medicine)	Monash University, Australia
Postdoctoral Research Fellow in Medical Informatics	Monash University, Australia
Training in Project Management	Management College, Mahidol University
Certificate of Thai Board of Family Medicine	Thai Medical Council
Certificate of Thai Board of Preventive Medicine (Life-style Medicine)	Thai Medical Council
Certificate of IT Audit School	MIS Training Institute, New York, USA
Diploma in APEC e-Learning Training Program	Institute of APEC Collaborative Education, Seoul, Republic of Korea
Certificate of Internal Quality Assurance	The Commission of the Higher Education
Certificate of e-Government Executive Program: e-GEP	Electronic Government Agency (Public Organization) (EGA)
Two Certificates of ASEAN Quality Assurance (ASEAN-QA)	DAAD, Germany
Diploma of National Defense	National Defense College (Batch-58)

### **Work Experience:**

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- 2025 – Present Member of the **Thai Medical Council (TMC)**
- 2023 – Present Registrar of the **Thai Neuroscience Society (TNS)**
- 2022 – Present Member of the **Mahidol University Council**
- 2013 – 2016 **President**, Sukhothai Thammathirat Open University (STOU).
- 2008 – 2011 **Assistant to the President for Policy and Informatics Technology**, and **IT Director**, Division of Information Technology, Office of the President, Mahidol University, Salaya Campus, Nakhon Pathom 73170, Thailand.
- 2004 – 2008 **IT Consultant** to the Ministry of Public Health for Hospital Information System
- 1996 – 2004 **IT Director**, Siriraj Computer Center, and **Deputy Dean for Medical Informatics**, Faculty of Medicine Siriraj Hospital, Mahidol University.

### **Interested areas and skills:**

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1. Medicine: Cognitive Neuroscience, Learning and Memory, Brain-Based Learning, Robot Animal, Brain waves and Eye Tracking System
2. ICT and Education: Instructional Design, e-Learning, Tele-education, Hospital Management Information System, Big Data Analytics
3. Computer languages: Assembly, BASIC, Fortran, Pascal, C, C++, Delphi, Visual BASIC, VB-Script, JAVA, JAVA-script, dot-Net, ASP, PHP, ToolBook OpenScript, Flash ActionScript, and Python.
4. 12 Communication Languages: Proficient level - Thai, English, Medical English (Greek-Latin), Mandarin, Tae-Chew (Chinese dialect).  
Beginner level: German, Spanish, Japanese, Korean, Myanmar, Vietnamese, and Pali-Sanskrit.
5. Public Administration & Management: Strategic Planning, Project Management, Risk Management, Team Building, Inspiration and Motivation Building, Coaching Technique, Professional Presentation, Teaching and Learning Technique
6. Quality Assurance: International Lead Assessor of ASEAN University Network – Quality Assurance (AUN-QA), Education Criteria for Performance Excellence (EdPEX)

## **Selected Publications**

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- Burkhard M\*, Seufert S, Panjaburee P, **Pichitpornchai C** & Niklaus C. NLP-Based Writing Tools in Higher Education: Current Features and Future Prospects. In: Proceedings of the 30th International Conference on Computers in Education. Asia-Pacific Society for Computers in Education. Iyer, S. et al. (Eds.), 2022. (online).
- Htaw MC, Panjaburee P, Seufert S, **Pichitpornchai C**, Handschuh S. A Systematic Review Of Trends and Educational Research Issues Of Digital Supported Writing: A Promising English Learning Environment For Thai Higher Education. International Conference on Computers in Education. Asia-Pacific Society for Computers in Education, 2022 (28 November 2022 in Malaysia – online).
- Aung SM, **Pichitpornchai C\***, Arunphalungsanti K. Effect of two trigram-words displayed at different visual angles on word recognition accuracy and reaction time. *J Physiol Biomed Sci* 2019. 32 (2).
- Arunphalungsanti K, **Pichitpornchai C\***. Brain Processing (Auditory Event-Related Potential) of Stressed Versus Unstressed Words in Thai Speech. *Perceptual and motor skills*. 2018, 125 (6), 995-1010.
- Naijit A, Parnichkun M, **Pichitpornchai C**. Brain-computer-interface based automatic control of robo-rat using a-star. *International Journal of Biosensors & Bioelectronics*. 2018, 4(3), 114-118. (Published online on May 25, 2018)
- Pichitpornchai C\***, Arunphalungsanti K. Effects of spoken Thai word-durations on brain recognition processing: An auditory event-related potential study. *Speech Communication*. 2016, 85, 1-7.
- Thepsatitporn S, **Pichitpornchai C\***. Visual event-related potential studies supporting the validity of VARK learning styles' visual and read/write learners. *Adv Physiol Educ*. 2016, 40, 206–212. doi:10.1152/advan.00081.2015.
- Arunphalungsanti K\*, **Pichitpornchai C**. Effects of prosody on spoken Thai word perception in pre-attentive brain processing: a pilot study. *Songklanakarin Journal of Science & Technology*. 2016, 38 (6).

## **Recent Conference Proceedings:**

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- Amin SK, **Pichitpornchai C**, Arunphalungsanti K. Behavioral effects of Reading Training by leading Visual Cue. Proceeding of Siriraj Graduate Research Forum. G3-9\_P, Faculty of Medicine Siriraj Hospital, Mahidol University; 16-23 May 2019.
- Latthirun K, **Pichitpornchai C**, Pakaprot N. Behavioral effects of speed reading training by increasing visual angles. Proceeding of Siriraj Graduate Research Forum. G3-10\_P, Faculty of Medicine Siriraj Hospital, Mahidol University; 16-23 May 2019. (Won the first prize for M.Sc. students' presentations)
- Pattarasawangwong R, **Pichitpornchai C**, Tapechum S, Chindasri W. Behavioral Effects of Speed Reading Training by Reducing Inter-Stimulus Interval. Proceeding of Siriraj Graduate Research Forum. G3-11\_P, Faculty of Medicine Siriraj Hospital, Mahidol University; 16-23 May 2019.