ภัทรนันท์ หมั่นพลศรี
PATTARANAN MUNPOLSRI

Contact

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Education

Ph.D. in Oral Medicine
Taipei Medical University, Taiwan
2021 – 2025

Master's Degree in Public Health (Biostatistics)
Faculty of Public Health, Khon Kaen University, Thailand
2019 – 2020

Bachelor's Degree in Medicine
Huazhong University of Science and Technology, Tongji Medical College, China
2011 – 2017

Skills

- English: Proficient in listening, speaking, reading, and writing
- Chinese: HSK Level 4
- Microsoft Word, Excel, PowerPoint
- STATA, SAS
- Musical Instruments: Proficient in Thai musical instruments

Projects & Achievements

- Participated in and staffed Machine Learning workshops in healthcare.
- Contributed to the Art and Humanities course as staff.
- Presented research on imaging biomarkers at ICSN 2023.
- Published multiple research articles on AI applications in cancer screening, behavioral change in oral cancer programs, imaging biomarkers, and health innovation tool development.

Professional Summary

Highly motivated and detail-oriented medical professional with extensive experience in clinical research, public health, and biostatistics. Proven track record in medical education, AI-driven healthcare research, and statistical analysis. Adept at collaborating across disciplines to advance medical knowledge and improve patient outcomes. Skilled in medical AI, cancer screening, and innovative health solutions.

Work Experience

Clinical Experience

- Clinical clerkship at Nopparatrajathanee Hospital; assisted in surgery and patient care.
- Basic suturing workshop participant, Tongji Medical College.

Research Contributor

- Published research: "Screening of lung cancer using chest radiographs with application AI Chest for All (DMS TU) in the context of a regional cancer hospital."
- Published research: "Behavior Changes for Smokers and Betel Quid Chewers Participating in the Organized Oral Mucosal Screening between 2010 and 2021 in Taiwan."
- Published research: "Changes in risk habits and influencing factors in the Taiwan oral cancer screening program."
- Published research: "Imaging biomarkers are underutilised but highly predictive prognostic factors for the more fatal breast cancer subtypes."
- Published research: "OPTIMAL CUT-OFF POINTS FOR RECEIVER OPERATING CHARACTERISTIC (ROC) CURVE ANALYSIS IN DEVELOPING TOOLS OF HEALTH INNOVATIONS: EXAMPLE USING STATA."

Teacher Assistant
Statistics for Educational Research, Khon Kaen University

- Provided academic support and guidance to students in statistical methodologies.

Workshop Staff
Machine Learning Workshop

- Khon Kaen University, 2023
- Kaohsiung Public Health Bureau, 2023
- Assisted in organizing and facilitating workshops on machine learning applications in healthcare.

Course Staff
Art and Humanities Course

- Supported course delivery and enriched student engagement in humanities studies.

Oral Presenter
The International Cancer Screening Network (ICSN) 2023

- Presented research: "Imaging biomarkers as novel predictors for aggressive breast cancer subtypes."