

**Seminar**  
**AI IN MEDICINE PROGRAM**  
**The VISHC Undergraduate Research Experience Program**  
**Saturday, May 20, 2023**

- 9:00 am – 9:05 am      **Welcome!**  
Hieu Pham, Associate Director, VinUni-Illinois Smart Health Center, VinUniversity
- 09:05 am – 09:20 am    **AI in Breast Cancer Detection and Screening**  
Phan Thi Hien Chi, Cohort 2, CECS
- 09:20 am – 09:35 am    **Image-based Prescription using modern NLP models.**  
Le Dieu Linh, Cohort 2, CECS
- 09:35 am – 09:50 am    **Smart Health Applications using Wearable Devices**  
Nguyen Truong Tung Cohort 2, CECS
- 09:50 am – 10:05 am    **3D Motion Analysis for Clinical Application**  
Le Thanh Quoc Hung & Tran Le Vuong Dai, Cohort 3, CHS
- 10:05 am – 10:20 am    **Exploring language models (e.g. ChatGPT) in clinical medicine for medical education and clinical care**  
Truong Dang Gia Huy, Cohort 3, CECS & Hoang Huu Trung, Cohort 3, CHS
- 10:20 am – 10:35 am    **ECG Analysis for Cardiovascular Diseases**  
Le Viet Hai, Cohort 3, CECS
- 10:35 am – 10:50 am    **Building an Interactive Computer-Aided Diagnosis on Medical Imaging Data**  
Nguyen Tiet Nguyen Khoi, Cohort 1, CECS
- 10:50 am – 11:05 am    **AI in Application to Mental Health Monitoring and Treatment During and after pregnancy**  
Nguyen Ngoc Bao Quyen and Dang Bao Ngoc, Cohort 2, CHS
- 11:05 am – 11:20 am    **AI Modelling and Digital Twins for Dengue Prediction in Urban Vietnam**  
Nguyen Hong Ngoc Quynh, Cohort 3, CHS
- 11:20 am – 11:35 am    **Edge AI (A Lightweight Edge Intelligence Framework) for On-device ECG Interpretation**  
Nguyen Hoang Trung Dung, Cohort 1, CECS
- 11:35 am – 11:50 am    **How AI and Digital Health Technology Transform the Health Care System in Vietnam**  
Tu Ngoc Doan Thu, Corhot 2, CBM