



# **F**ACULTY OF **M**MEDICINE **KMITL**

King Mongkut's Institute of Technology Ladkrabang

## **ANNUAL REPORT - YEAR 2022**

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## Message from our **D**ean

5 years in, we have achieved the unthinkable. We have successfully established Thailand's first International Faculty of Medicine at King Mongkut's Institute of Technology Ladkrabang. Our founding philosophy to "make a difference" with the development of 21st century doctors, has come to fruition. Now, we look onwards...as every turn has set us on a new pathway that continues to pioneer in the art of medical education. We revolve to evolve into the future.

Prof. Anan Srikiatkhachorn, M.D.  
Dean

Faculty of Medicine  
King Mongkut's Institute of Technology Ladkrabang



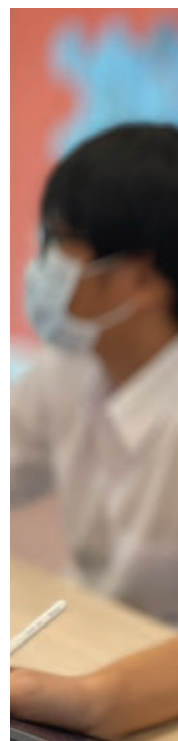
## Vision & Mission

Our vision at the Faculty of Medicine at KMITL is to be a global medical school focusing on technology and innovation in health care. Our mission is then 1) to provide medical education of international standard and 2) to create technology and innovation for better health care of the nation.

## Core Values

Our core values remain the same with the KMITL spirit. Through Knowledge, Morality, Innovation, Technology and Leadership, our Faculty is able to instill these fundamental principles to develop the most accomplished medical graduates. However, the emphasis for medical excellence goes well beyond the classroom as we foster the Leadership spirit to each and every one of our students to be good citizens and good people above all else.

**K**nowledge  
**M**orality  
**I**nnovation  
**T**echnology  
**L**eadership



## Learning Outcome

Global standards set the trend for our global outcomes which are:

- Professional competencies required for being physicians of the international standard.
- 21st century skills and being medical inventors or innovators.
- Critical thinkers and capable biomedical researchers.
- Global doctors and world citizens.

Our educational outcomes are achieved through our innovative approach.



## Student Learning

Hybrid classes allowed our faculty to thrive. In spite of the tail end of the COVID19 Pandemic, the first half of the semester was still conducted online. Of course, this challenged both students as online learners and instructors as courses with laboratory activities were able to develop home lab kits to keep students engaged for all years. Our pre-clinical students Years 1-3 were able to keep up with their studies and managed themselves on a productive level. For Y4 students who were expected to begin training at Sirindhorn Hospital, clinical teaching and activities were postponed to protect our students from exposure COVID19. Alternatively, research initiatives were excelled and this group was able to carry-on with individual research with their faculty advisors.

As the second semester proved to return back to normal academic schedules with onsite classes reinstated, MDK-MITL slowly breathed life back to classes and student life.



## Student Safety

To ensure the utmost of student safety and precautionary guidelines, ATK tests were required from all students every week and for those students who tested positive, hybrid classes were opened to accommodate all learners from both in class and online.



# World Culture

The destination for the World Culture field trip for 2021-2022 was Lopburi, Petchaboon, Ayutthaya and Bang Pa In. All throughout the trip, our students were exposed to ancient, religious and UNESCO World Heritage sites. MDKMITL emphasizes on the historical impact of ancient civilizations and healthcare. We learn how to improve our future by understanding our past.





# Teaching & Instructor Outcomes



The academic medicine guidelines have been under reassessment and all of the instructors of MDKMITL were a part of the discussion to better understand new expectations and changes to the Thai medical curriculum requirements. We invited Asst. Prof. Danai Wangsaturaka, M.D., Ph.D. into MDKMITL to explain and open up dialogue on the future of medical education in Thailand.

## KMITL Fight Annual Retreat

To coincide with the KMITL FIGHT strategy, our annual retreat was geared towards the faculty's Vision for Innovation & Teamwork. Teamwork, Research & Work, Innovation & Commercialization, Globalization and Collaboration were the main themes where the entire MDKMITL staff, instructors, administrators along with the KMC nurses, personnel and management helped develop shared vision and goals together. Now that everyone has been an integral part of the process, we all have a new sense of ownership for the future of our success at MDKMITL.





# MDKMITL Helping Out Our Community: Innovation Initiatives

We continue to develop our research initiatives and celebrate our contributions to the community. MDKMITL has stepped to the forefront of health care solution providers during the pandemic with its many proactive initiatives to promote the development of locally-innovated and locally produced medical devices. In addition, the establishment of Thailand's most innovative research hospital specializing in domestic medical device development and elderly care innovations, King Mongkut's Chaokhunthahan Hospital (KMCH) under royal patronage of the Supreme Patriarch, will play an integral role in Thailand and the region's constantly evolving medical and health care ecosystem.



## KMITL Vaccination Center



After the vaccine supply shortage in 2020 during the COVID-19 pandemic, KMCH and its International Faculty of Medicine, MDKMITL, together with all faculties and colleges within KMITL took proactive measures in developing vaccination systems and established the KMITL Vaccine Center on May 2021 to facilitate the vaccination administration process to all students, essential and non-essential employees of the university and those from other governmental agencies in the vicinity.

At the high-capacity KMITL Vaccine Center, every faculty personnel and in every position from the President of the University, Vice and Assistant Presidents, its Faculty Deans, Associate and Assistant Deans to department heads, chiefs, academic and supporting staff, along with MDKMITL medical student volunteers were assigned to help facilitate and make this community initiative a proactive process to administer the vaccine.



## MOU: MDKMITL x SRT



Dean & Acting President from both MDKMITL, KMITL, and the Governor and Team of the State Railway of Thailand

The future of medicine knows no bounds with our partnership with the State Railway of Thailand (SRT). Together, the Faculty of Medicine has worked closely to help improve health access across the country. The concept of the "Dr. Train" has allowed travelers and commuters who use the SRT in Thailand to be able to seek out fundamental healthcare services including blood chemistry analyses, echocardiograms, fundoscopies, pulmonary function tests, etc. to citizens.



The first ever "Dr. Train" was launched on 17 August 2022 in south of Thailand in the Chumphon Province. For nearly a week, Faculty Deans and other members of KMITL visited surrounding communities to promote the newest collaboration. Accompanying the MDKMITL crew were the honorable SRT Governor, Mr. Nirut Maneephan and his team of dedicated SRT staff who spearheaded this collaboration. We're excited to begin something new and innovative to help support health equity and accessibility for everyone.



# Awards & Accolades

During 2021-2022, we at MDKMITL were busy winning awards in research and innovations. Check out some of our greatest achievements! Our instructors and students are constantly pushing the boundaries of excellence in medical research and service.

Congratulations to our MDKMITL crew!





# Virtual Open House

As the lockdown continued to displace our regular Faculty activities, we had to turn to our virtual capabilities to hold our Annual Open House Event.

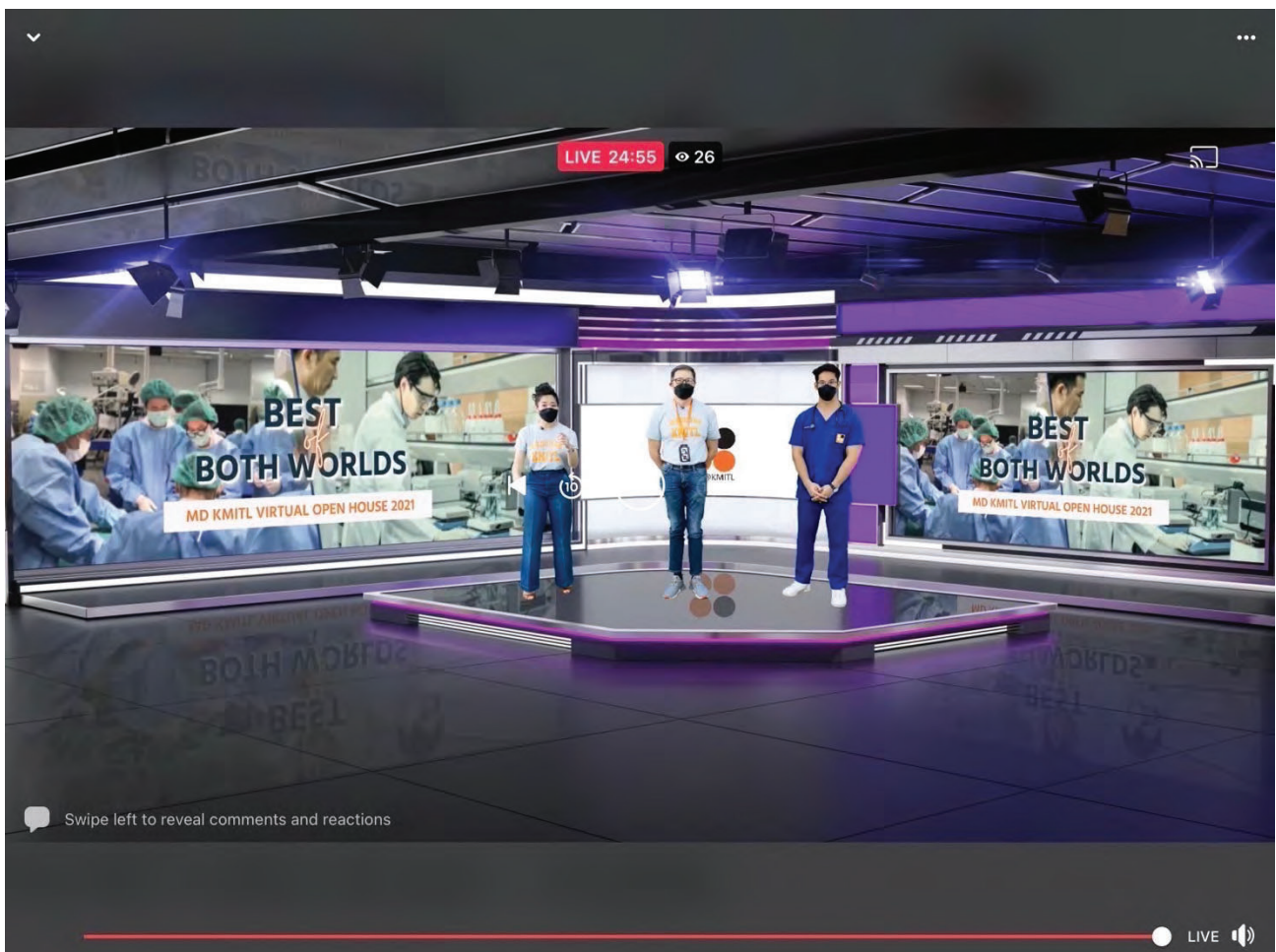
With live streaming and an interactive virtual tour of the Faculty of Medicine, KMITL, we were able to host over 300 participants in the ZOOM event and reached over 2,000 viewers through our live Facebook streaming.



During COVID-19, we all came together to provide the most innovative online and virtual access to our faculty as possible.

We explored many new technologies and learned many new insights when utilizing virtual advancements into everything that we do.

We're looking forward to more opportunities to keep pushing the mold.





# Special Lectures

## **NATARUKS CHAIJITRARUCH, M.D., PH.D.**

Specialties: Pediatrics, Pediatric Gastroenterology  
Department of Pediatrics, King Chulalongkorn Memorial Hospital



Always helpful and patient, Dr. Chaijitraruch, Ph.D., gives her expertise and time to each of our students. Here, she is seen lecturing our 3rd Year students and they all were so impressed with her knowledge and skills as an accomplished physician researcher. Looking forward to seeing her next year!



## **ASSOCIATE PROFESSOR PASSARA JONGKHAJORNPOONG, M.D.**

Instructor, Cornea Specialist, Surgeon,  
Department of Ophthalmology,  
Faculty of Medicine, Ramathibodi Hospital



Teaching our first year students the art of the scientific method, Dr. Jongkhajornpong is always a favorite of our students.





# Year In Review



# Deans Committee



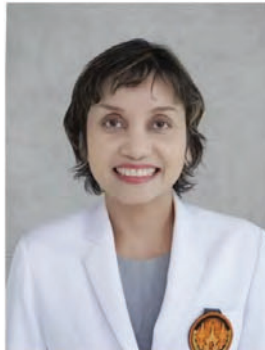
Prof. Anan Srikiatkhachorn, M.D.  
Dean



Asst. Prof. Thanyaphong  
Na Nakorn, M.D., Ph.D.  
Associate Dean



Anawat Sermsawan, M.D.  
Associate Dean



Thipawan Ruangrit, M.D.  
Associate Dean



Sranya Phaisawang, Ph.D.  
Associate Dean



Ratakorn Srisuttee, Ph.D.  
Assistant Dean



Yada Tansiri, Ph.D.  
Assistant Dean



Weerachat Sompong, M.T.,  
Ph.D.  
Assistant Dean



Asst. Prof. Pises Pisesongsas,  
M.D.  
Assistant Dean



# Our Future Is Bright

For the future, we're looking forward to our future goals to:

1. Promote health and safety for our students, instructors, and staff.
2. Meet all academic outcomes.
3. Develop students from a 360-degree approach.
4. Encourage more interdisciplinary collaborations in research for our students.
5. Partner up with even more dynamic health care and medical institutions to open opportunities for our students and staff to develop synergistic research and learning opportunities in Thailand and abroad.



# FACULTY OF MEDICINE KMITL



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