



มหาวิทยาลัยมหิดล
คณะแพทยศาสตร์ศิริราชพยาบาล



Prince Mahidol Award Foundation under Royal Patronage Prince Mahidol Award Youth Program

In collaboration with
Faculty of Medicine Siriraj Hospital
and Ministry of Foreign Affairs

Organize the press conference

On the result of the
Prince Mahidol Award Youth Program
Scholarship Recipients 2025



Today (25th November 2025) at 13.30 hrs. **Clin.Prof. Supat Vanichakarn**, Secretary General of Prince Mahidol Award Foundation under the Royal Patronage; **Mr.Nikorndej Balankura**, Director-General of the Department of Information and Spokesperson of the Ministry of Foreign Affairs; **Prof. Vicharn Panich**, Chairman of Prince Mahidol Award Youth Program Steering Committee; and **Emer.Prof.Sompop Limpongsanurak**, Chairman of Prince Mahidol Award Youth Program Selection Committee, together issue a press release on the names of Prince Mahidol Award Youth Program scholarship recipients for 2025 at the Chulabhorn conference room, 2nd floor of Syamindra Building, Faculty of Medicine Siriraj Hospital, Mahidol University.

The names of five scholarship recipients 2025 of Prince Mahidol Award Youth Program are as follows:

1. Mr. Chaovanon Sophonsakulsuk

Faculty of Medicine, Chulalongkorn University

2. Mr. Peeradon Dutsadeevettakul

Faculty of Medicine Vajira Hospital, Navamindradhiraj University

3. Ms. Papart Rungrasameviriya

Faculty of Medicine Siriraj Hospital, Mahidol University

4. Ms. Maylin Wongjarupun

Faculty of Medicine Ramathibodi Hospital, Mahidol University

5. Ms. Siripong Chayanopparat

Faculty of Medicine Siriraj Hospital, Mahidol University

(Details are attached)

Eighteen applicants from 7 institutes were nominated for Prince Mahidol Award Youth Program in 2025. Only 5 successful applicants meet the criteria of Prince Mahidol Award Youth Program. The Selection Committee selected the scholarship recipients and presented to the Board of Trustee which HRH Princess Maha Chakri Sirindhorn is a President. The final decision had been made on the 3rd November 2025.

Background

Prince Mahidol Award Youth Program has been established on the 20th November 2007 according to the 2nd/2007 consensus of the Prince Mahidol Award Foundation Committee. The program aims to inspire and facilitate Thai youths studied in the health fields to pursue their dedicated life for the benefit of mankind following the footsteps of *HRH Prince Mahidol of Songkla*. The steering committee, the working committee, and the selection committee are responsible to select the applicants who meet the criteria of the program, and present their names to the Board of Trustee which *HRH Princess Maha Chakri Sirindhorn* is a President, for a final decision.



MR. CHAOVANON SOPHONSAKULSUK

A sixth-year medical student
Faculty of Medicine, Chulalongkorn University
Research topic:

***Integrating social
determinants of health and
complex behaviors in
pandemic contexts:
A data-driven agent-based
social simulation for
equitable policies and
interventions***

Our experiences from the COVID-19 pandemic and other health crises have shown that the most vulnerable populations are often the most affected in every aspect, both in the short and long term. This pattern reflects structural inequities within societies and emphasizes the need for equity-centered policymaking. Therefore, Mr. Chaovanon Sophonsakulsuk aims to develop agent-based models (ABMs) to understand individual-level human behaviors and determinants, and to predict and inform more equitable public health policies and interventions in Thailand by integrating the “Social Determinants of Health” framework, with the goal of creating a policymaking tool that advances systems thinking approach in Thailand’s public health analysis, interconnecting human behavior, social factors, and public health policies. He envisions contributing to the development of a sustainable and equitable health system that can effectively respond to future health crises.

Honors and Awards – Mr. Chaovanon Sophonsakulsuk

- 2025
 - Accepted for poster presentation at the Toward Unity for Health (TUFH) Conference 2025 in Philadelphia, USA, with the topic “Real-time digital surveillance of PM2.5-related self-manageable symptoms: A Bangkok case study”.
- 2024
 - Accepted for poster presentation at the Associations of Pacific Rim Universities (APRU) Global Health Conference 2024.
- 2023
 - Served as Rapporteur at the Prince Mahidol Award Conference (PMAC) 2023.
 - Appointed as Executive Board of the International Federation of Medical Students’ Associations-Thailand (IFMSA-Thailand) for the 2022-2023 term as Deputy Vice President for Exchanges.
- 2022
 - Selected for the “Pink Diamond” Research Track Program.
 - Elected as the IFMSA-Thailand Liaison Officer for Research and Medical Associations.
 - Awarded Student Task Force Scholarship to attend the AMEE and Ottawa Conference 2022 in Lyon, France.
- 2021
 - Served as Project Chair, Youth Engagement for Environmental Policy, developing youth-led policy recommendations for the 14th National Health Assembly.
 - Awarded Second Place (Hospital-Based Oral Presentation) and Selected for Innovation Showcase at the International Medical Student Research Conference (IMRC) 2021.



MR. PEERADON DUTSADEEVETTAKUL

A sixth-year medical student
Faculty of Medicine Vajira Hospital,
Navamindradhiraj University
Research topic:

***Microplastics in the human
cardiovascular system:
Investigating detection,
distribution, and
pathophysiological
effects using advanced
spectroscopic techniques***

Microplastics are present in food and air and can enter the human body through ingestion, inhalation, or dermal contact. Recent studies have demonstrated that microplastics can circulate in the bloodstream, potentially contributing to cardiovascular diseases such as atherosclerosis and myocardial infarction. Comprehensive investigation into the detection, distribution, and pathophysiological effects of microplastics could support the development of standardized diagnostic protocols. These findings may also inform regulatory measures and public health interventions towards microplastic pollution.

Honors and Awards – Mr. Peeradon Dutsadeevettakul

- 2025
 - Royal Thai Government Representatives to the 78th World Health Assembly.
 - Chairperson of the Youth National Health Assembly Working Group on Management Systems for Health and Well-being in a Polycrisis.
 - Winner of the Global Health Case Competition at the Prince Mahidol Award Conference (PMAC) 2025.
- 2024
 - Oral and Poster Presentation at the Ottawa 2024 Conference in Melbourne, Australia.
 - Served as a medical student representative providing input to the World Federation for Medical Education (WFME) on revising the Declaration on Institution's Responsibility to Support Medical Students, Physicians in Postgraduate Education, and Physicians in Practice.
 - Participated as a medical student representative in the revision of the Doctor of Medicine (M.D.) Curriculum (Revised Edition 2024).
- 2023
 - Regional Chairperson of Asian Medical Students' Association of Thailand.
- 2022
 - Founding Director of Multi-Disciplinary Studies, Asian Medical Students' Association (AMSA) of Thailand.
 - Winner of Thailand Youth Policy Initiative (TYPI) 2022.
- 2021
 - Director of Law and Medical Sharing (DoLMS), Asian Medical Students' Association (AMSA) of Thailand.
 - Standing Committee on Medical Education (SCOME), International Federation of Medical Students' Associations- Thailand (IFMSA-Thailand).
- 2020
 - Award for Outstanding Students Who Have Brought Recognition to the School at the National or International Level.



MS. PAPART RUNGRASAMEVIRIYA

A sixth-year medical student
Faculty of Medicine Siriraj Hospital,
Mahidol University
Research topic:

***Development of a machine
learning-powered
dynamic risk score for
efficient hepatocellular
carcinoma risk
management in Thailand's
healthcare system***

Ms. Papart Rungrasameviriya is interested in developing a predictive risk score for hepatocellular carcinoma (HCC) in patient with chronic hepatitis B, using machine learning and time-series forecasting models. As liver cancer is a major cause of cancer mortality and often remains asymptomatic in its early stages, Ms. Papart Rungrasameviriya aims to create a tool that analyzes longitudinal clinical data from each patient visit to accurately classify individuals into low-, intermediate-, high-risk groups. Implementing such a system in clinical practice would enable early detection and timely treatment for high-risk patients while improving resource and budget allocation across the healthcare system. She also intends to apply and expand this knowledge in Thailand by building a multidisciplinary network to develop predictive risk scores for other cancers and chronic diseases, ultimately contributing to the sustainable advancement of Thailand's public health system.

Honors and Awards – Ms. Papart Rungrasameviriya

- 2025
 - Head Organizer of the “Data Warehouse and AI in Intensive Care Medicine” workshop at the 14th Critical Care Conference in Thailand 2025, in collaboration with MIT Team.
- 2024
 - Conducting clinical research on “Validation, development and economic evaluation of machine-learning based prognostic risk scores for hepatocellular carcinoma in chronic hepatitis B patients at Siriraj Hospital.
 - Opening session speaker and Rapporteur at the Prince Mahidol Award Conference (PMAC) 2024.
 - Master of Ceremony for the wreath-laying ceremony honoring Prince Mahidol and speaker in the Mahidol Day donation video.
- 2023
 - Founder and President of the Siriraj Research Club.
 - Completed a clinical elective in Gastroenterology & Hepatology at the National University of Singapore (NUS).
 - Representative of Mahidol University at the Indo-Pacific Global Health Case Competition 2023, University of Melbourne, Australia.
- 2022
 - First author of the review article “Tight junction and kidney stone disease” published in *Tissue Barrier*.
 - Conducting preclinical research on “Ellagic acid and kidney stone formation” under Medical Proteomics Unit – Siriraj.
 - Co-author of an E-poster “Medical students’ opinions toward a new learning platform for ambulatory patients” presented at the ASME 2022, Scotland.
- 2021
 - Vice President for Internal Affairs, Siriraj International Medical Microbiology, Parasitology, and Immunology Competition (SIMPIC) 2022.
 - Extracurricular division, Academic Committee member, Siriraj Medical Student Association. (e.g., Organizing personal development projects such as Siriraj Debate, Tax for Doctors).
 - Speaker at TEDx Siriraj on “MINIHEART: Sign of power”.
- 2020
 - Received the “Best Solution to Problem Statement 1” Award at the Thailand Youth Policy Initiative (TYPI) for designing a youth-led social innovation and policy on PM2.5 air pollution.



MS. MAYLIN WONGJARUPUN

A sixth-year medical student
Faculty of Medicine Ramathibodi Hospital,
Mahidol University
Research topic:

***Deep learning approach
to health risk
assessment of long-term
PM_{2.5} exposure on allergic
diseases in Thai children***

Air pollution, particularly fine particulate matter (PM_{2.5}), remains a major public health challenge globally and in Thailand. Children are especially vulnerable to chronic exposure, due to developing respiratory and immunologic systems. While its association with allergic asthma is well established, the magnitude of disease burden attributable to PM_{2.5} in children remains underexplored in other allergic diseases, which can have significant impact to quality of life. With a strong interest in planetary and child health, Ms. Maylin Wongjarupun aims to address this gap by applying deep learning methods to integrate environmental and health data, generating robust evidence to inform targeted prevention and mitigation strategies. Ultimately, her vision is to advance equitable air-quality and public health policies, and to foster a future where every child benefits from cleaner air and improved health.

Honors and Awards – Ms. Maylin Wongjarupun

- 2024
 - Rapporteur and student delegate, Prince Mahidol Award Conference (PMAC) 2024.
 - Student delegate of Faculty of Medicine Ramathibodi Hospital, Mahidol University to the Priorities Conference 2024.
 - Co-organizer and session facilitator for “Unlocking student engagement: ASPIRE Award insight and strategies” and “Transforming medical education through change management: From vision to impact” workshops at the Association for Medical Education in Europe (AMEE) 2024 Conference.
- 2023
 - First Runner-up of Oral Presentation, Medical Education category titled “Evaluation of symptomatic correlations of burnout, depression, anxiety disorders in Thai medical students” at the International Medical Student Research Conference (IMRC).
 - Speaker, White Coat’s Mental Health Assembly, organized by the Society of Medical Students of Thailand (SMST).
 - Peer Supporter, Ramathibodi Peer Support Program.
- 2022
 - Vice President of Wellbeing Affairs, Ramathibodi Medical Student Council (RAMSC).
 - Member of Student Consensus Team for the ASPIRE-to-Excellence 2022 Award for student engagement awarded by the Association for Medical Education in Europe (AMEE).
- 2021
 - Delegate of International Federation of Medical Students’ Associations (IFMSA) to attend the 14th National Health Assembly of Thailand.
 - Head of Environmental Health and Preclinic Dormitory Student Committee, Ramathibodi Medical Student Council (RAMSC).
 - Internal Development Director for Standing Committee on Research Exchange (SCORE), IFMSA–Thailand.
- 2020
 - Member of Teacher Outreach Team and Volunteer Teacher for Speaking Hub.
 - Head of Public Relations of RAMA Pitching Challenge.
- 2019
 - Volunteer Writer for U-Report (UNICEF).



MR. SIRIPONG CHAYANOPPARAT

A sixth-year medical student
Faculty of Medicine Siriraj Hospital,
Mahidol University
Research topic:

***Effects of timing of
functional outcomes
in elderly with severe
traumatic brain injury:
A retrospective
cohort study***

Traumatic brain injury (TBI) has long been a global public health challenge—and in Thailand, where accident rates remain high, the impact is especially severe. Among all age groups, older adults are the most vulnerable. A simple fall can lead to devastating brain injuries, and as age increases, so do the risks of hospitalization, long-term disability, and death. While early intervention might seem ideal, the truth is more complex. Older adults face a multitude of health factors that influence recovery. Rushing into surgery doesn't always guarantee the best outcome. This project aims to answer a critical, unanswered question: What is the optimal timing for brain surgery in elderly patients with severe traumatic brain injury? Our goal is not just to reduce mortality—but to preserve dignity, independence, and quality of life after injury. Because surviving is not enough. Living well matters just as much.

Honors and Awards – Mr. Siripong Chayanopparat

- 2025
 - Co-authorship and published the research “Efficacy and safety of rituximab in anti-MuSK myasthenia gravis: A systematic review and meta-analysis” in *Scientific Journal*.
 - Selected for poster presentation in the 66th Annual Meeting of JSN at Osaka, Japan.
- 2024
 - Co-authorship and published “Catastrophic tumefactive acute disseminated encephalomyelitis in patient with dengue virus: A case report” in *Journal of NeuroVirology*.
 - Head of Neurology section in Siriraj Internal Medicine Club.
- 2022
 - Invited speaker in Siriraj International Conference in Medicine and Public Health (SICMPH) 2022 on topic “Artificial Heart”.
 - Head of Rally section in Siriraj Medical Camp 2022.
- 2021
 - Academic President of Siriraj 131’s second-year student committee 2021.
- 2020
 - Gold Medal Royal Orders and Decorations of the Kingdom of Thailand 2020.
 - Outstanding National Children and Youth, and Contributors to Children and Youth.
- 2019
 - Royal trophy cup of Her Royal Highness Princess Maha Chakri Sirindhorn at science project competition.
 - Silver Medalist at the 50th International Physics Olympiad 2019 in Tel Aviv, State of Israel.
 - Elected MWIT 27’s student committee 2019.