



# UP VOICE

The Official Newsletter of the University of Puthisastra (UP)

## AUSTRALIAN AHHA DENTAL TEAM COMPLETES FOUR INTENSIVE DAYS AT UP



The Australian Health Humanitarian Aid (AHHA), a non-profit charity based in Australia, has been offering free dental and eye care services in Cambodia since 2015. Their efforts also extend to educating dental students and local healthcare professionals. In August, the AHHA team made its second visit to Cambodia since Covid-19. After months of planning, they arrived on August 9th and began preparing for a 3.5 days mission at the UP Dental Hospital (UPDH).

This year, the AHHA dental team comprised 10 dentists, 3 dental assistants, 2 administrative staff, 4 students, and 1 pediatrician, all under the leadership of Pediatric Dentist Dr. Michele Tjeuw. The team brought along all necessary dental materials and some additional equipment.

The majority of dental care was provided by around 150 dental students from UP, supervised by Australian dentists, who also handled the more complex cases. During the mission, the UP-AHHA dental team treated approximately 530 disadvantaged patients over 3.5 days from various provinces such as Chompa Village, Samaki Russe Keo Village, Helping Hands Cambodia, Kampong PaSat-KChhang, Thmey District, Huyen TaLach-KChhang Village, Baribout-KChhang Village, New Family, and Floating Village. This mission was successfully carried out with the full cooperation of all the dental hospital's staff and dental students from the University of Puthisastra. On August 9th, three AHHA dentists presented intriguing clinical cases to a full lecture hall of dental students. To mark the conclusion of their visit, AHHA hosted a celebratory dinner, inviting the University President, Dean of Dentistry, Dental Hospital Managers, and the Postgraduate Manager to acknowledge their contributions and donated material for the Dental Hospital.

The AHHA visit was a tremendous success, and we eagerly anticipate their return in 2025. A heartfelt thanks to the entire AHHA team: Dr. Michele Tjeuw (team leader), Christine Nguyen, Dr. Hung Tran, Dr. Hong Du (Pediatrician), Dr. Anthony Lamb, Dr. Steven Doan, Dr. Joseph Do, Dr. Thien (Tim) Huynh, Dr. Lo-An Vu, Dr. Alan Fitzpatrick, Dr. Ryan Tsang, Dr. Danielle Tsang, Maria Hang Tran, Suk Ting Ng, Ruba Abdul Razaq, Hannah Yap, Connor Fitzpatrick, Bethany Nguyen, and Eunice Tsang, Le Cao. And, a special thanks to the UPDH staff and dental students for their excellent cooperation and support.

# NIGHTINGALE CEREMONY 2024: CELEBRATING THE DEDICATION AND COMMITMENT OF NURSING AND MIDWIFERY STUDENTS AS THEY EMBARK ON THEIR CLINICAL JOURNEY



"As we gather on August 21st, 2024, to celebrate the Nightingale Ceremony, we honor the dedication, resilience, and passion of our Associate in Nursing and Midwifery students. This ceremony marks a significant milestone in your journey—a moment to reflect on the hard work and commitment you've shown throughout your studies. As you prepare to enter the clinical phase of your education, the lessons you've learned in the classroom will soon be put into practice, where your knowledge, skills, and compassion will make a real difference in the lives of patients.

The Nightingale Lamp you receive today symbolizes not just the light you will bring to others, but also the guidance and inspiration you carry within you. As you embark on your clerkship, remember the values that have shaped your education: empathy, integrity, and a commitment to excellence. These principles will guide you through the challenges and triumphs ahead.

We are incredibly proud of each one of you. Your journey is just beginning, and we look forward to seeing the impact you will make as you step into the world of healthcare. Congratulations on reaching this important milestone, and best of luck in your upcoming clerkship!"

## VOLUNTEERISM DAY BY THE FACULTY OF PHARMACY 2024



On August 22, 2024, under the direct initiative of Prof. Chea Sin, Dean of the Faculty of Pharmacy, the staff organized the Faculty of Pharmacy's Volunteerism Day 2024 under the theme "We Love Volunteers." The event was attended by more than 90 volunteers and was presided over by Professor Chea Sin.

Professor Chea Sin emphasized the importance of volunteer work in gaining new knowledge, experiencing diverse environments, adapting to various roles, and fostering personal development. He also expressed gratitude to the volunteers of the Faculty of Pharmacy for their past dedication, which has significantly contributed to the faculty's achievements.

During the Volunteerism Day program, there were also welcome speeches by Assistant Professor Chhea Sophearom, Assistant Dean of the Faculty, and Mr. So Visessakseth, Head of Pharmacognosy. Additionally, the most active volunteer students shared their experiences with other students who were just beginning to volunteer.

The purpose of this event was to honor and formally recognize the contributions and commitment of the volunteers. Volunteers play a crucial role in the execution of various activities organized by the Faculty of Pharmacy, including pharmacy conferences, pharmaceutical research conferences, natural product contests, continuing professional development (CPD) for pharmacists, OSCE exams, and other significant events.

At the conclusion of the program, the most active student volunteers from the Faculty of Pharmacy were announced and received letters of commendation and thanks in recognition of their exceptional contributions.

# STUDENTS' EXPRESSION ON VOLUNTEERISM



Expression of Interest of the Most Active Student Volunteers Ms. Pen Keo Panha: First of all, I would like to express my gratitude to the Faculty of Pharmacy for honoring me with the Most Active Student Volunteer Award. I am very happy and recognized by the college for my hard work and dedication. Volunteering is a profound experience, and I am honored to have made a small contribution to the success of the college. That allows me to use it in the future as a good professional. Once again, I would like to thank the Faculty of Pharmacy, especially Prof. Chea Sin, Dean of the Faculty of Pharmacy, for always giving me good opportunities and advice. In addition, I would like to thank Mr. Sovisessakseth, my advisor from the beginning of the first step in volunteering, who always helps to train and support all. What I cannot forget is that I would like to thank all the teachers, staff, and college staff who have always supported my activities in the past. Thanks to the support of professors and teachers, I have this day. Expression of interest by Mr. Latt Norak Satya, the most active student of the Faculty of Pharmacy 2024: For almost 3 years of participating in my volunteer work, I participated in volunteer work both in and out of school. Especially to join the Faculty of Medicine of the University of Puthisastra. Participating in this volunteer work taught me both hard and soft skills, especially leadership, commitment, and hard work. As a volunteer student, what I will never forget is that I would like to thank Prof. Chea Sin, Dean of the Faculty, for always sacrificing and spending his time to give great advice and ideas to me. Moreover, I am thankful to Mr. SO Visessakseth and Mr. Heim Meng Khim, who always give advice as well, especially always giving me the opportunity to work with many colleges, all of which bring new experiences that allows me to capitalize on my future career.

## THE 5 MOST ACTIVE VOLUNTEER STUDENTS AWARD IN THE VOLUNTEER DAY OF THE FACULTY OF PHARMACY 2024



The 5 most active volunteer students are: Mr. Poul Phillip, Ms. Pen Keo Panha, Ms. Yoy Sovatthey, Mr. Lat Noraksatya, Mr. Ros Phuongpich

On the occasion of Volunteer Day at the Faculty of Pharmacy, leaders, professors, faculty and staff of the faculty would like to take this opportunity to thank the most active students as well as other volunteer students, who regularly attend. To support all the work of the College. All of the volunteer students have contributed to building success with the college.

# 4TH CPD ONLINE COURSE FOR MIDWIVES



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The Midwifery Department of the University of Puthisastra (UP) recently conducted the 4th Continuing Professional Development (CPD) session on August 10th, 2024. It was approved by Cambodian Midwives Council with 3 scores for participants after completing this course. The topic of this training was "Infection Prevention and Control (IPC) in Obstetrics". Our speaker was Mr. Yim Sovannara, Health Professional Councils Technical Officer for Family Health International (FHI 360). There were 99 participants attending that 3 hour-online training.

It is a crucial topic that addresses the ongoing challenges in maternal healthcare. The training aimed to enhance the skills and knowledge of healthcare professionals in maintaining a safe and infection-free environment for both mothers and newborns.

The 4th CPD was a successful completion. It is crucial to acknowledge the importance of continuing professional development in enhancing infection control practices.

By equipping healthcare professionals with the latest knowledge and skills, we can ensure safer maternity wards and better outcomes for mothers and newborns. The commitment to ongoing learning and improvement remains essential in our efforts to provide high-quality maternal care.

# FOSTERING ACADEMIC HONESTY AND EXCELLENCE



Invigilation is a fundamental regulation at the University of Puthisastra, ensuring the integrity and quality of examination procedures. This practice is implemented for every assessment classified as an examination, with volunteer staff and lecturers from all faculties and departments participating as invigilators.

The Faculty of English Excellence and Employability, like all other faculties, remains vigilant and committed to volunteering as invigilators, regardless of our busy schedules. We firmly believe that maintaining strict and high-quality examination standards is crucial in encouraging students to study diligently, and internalizing the principles of academic honesty and adherence to regulations. This commitment to integrity helps cultivate a culture where students understand the importance of fairness and hard work.

Furthermore, invigilated exams help ensure that graduates from the University of Puthisastra uphold high moral standards and academic excellence. By fostering a culture of integrity and diligence, the University of Puthisastra aims to produce graduates who are not only knowledgeable but also ethical and responsible members of society. This dedication to ethical standards ensures that our graduates are well-prepared to contribute positively to their communities and professions.

# ATTEND THE TRAINING: BRINGING ACADEMIC EXCELLENCE TO THE CLASSROOM BY MASTERING FOR CREDIT ONLINE LEARNING, BY COURSERA



The Faculty of ICT has recently participated in a transformational training program called “Bringing Academic Excellence to the Classroom by Mastering Online Credit Learning” organized by Coursera. The training is designed to equip teachers with advanced strategies and tools to improve the quality of online teaching, especially in credit-bearing courses. The Faculty of Information and Communications Technology remains committed to continuing professional development and academic excellence, ensuring that students receive the highest quality education, regardless of the mode of delivery. The Coursera training marks an important step in this journey, helping teachers thrive in the digital age.

## TRAINING ON “ENHANCE TEACHING AND LEARNING WITH AI USING MICROSOFT COPILOT”



The Faculty of ICT provided an innovative training session on “Enhance Teaching and Learning with AI using Microsoft Copilot”. The training aimed to equip UP staff with the knowledge and tools to integrate artificial intelligence (AI) into their teaching methods, thereby enriching the educational experience of faculty and students. The training session, held at the UP campus, attended by participants from various faculties, demonstrating the university’s commitment to staying at the forefront of technological advancements in education. This training marking a milestone in UP’s efforts to integrate cutting-edge technology into its educational framework by equipping its staff with AI tools, the university is not only improving the quality of education but also preparing educators and students for the future. The Faculty of ICT plans to continue offering similar training courses, ensuring that UP staffs remains at the forefront of educational technology.

# SUBMIT ALL UPDATED THE COS TO CAC FOR REVIEWS

The Faculty of Information ICT has recently completed the submission of all updated course outlines to the Curriculum Advisory Committee (CAC) for review. This significant step marks the faculty's commitment to ensuring that its curriculum remains current, relevant, and in line with the latest industry standards and educational practices. This initiative is part of the Faculty of ICT's broader strategy to continually enhance the educational experience and outcomes for its students. By aligning the curriculum with current and future industry needs, the faculty aims to equip its graduates with the skills and knowledge necessary to excel in the competitive field of information and communication technology.

# WOMEN OF THE FUTURE AWARD SOUTH EAST ASIA 2024 ORIENTATION SESSION AT BRITISH AMBASSADOR'S RESIDENCE



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A distinguished member of the Faculty of ICT recently participated in the Women of the Future Award South East Asia 2024 Orientation session held at the British Ambassador's Residence in Phnom Penh.

The session was part of the ongoing efforts to empower and support young women leaders in Cambodia. The orientation session, hosted by the British Ambassador to Cambodia, brought together a diverse group of women who are making significant contributions in various fields, including technology, education, business, and social work.

The Women of the future program aims to recognize and nurture the potential of women, providing them with the tools and networks necessary to drive positive change in their communities and beyond. As the Women of the future program continues to grow, it is expected to play a pivotal role in shaping the next generation of women leaders in Cambodia and the region. The Faculty of ICT's participation underscores the institution's ongoing commitment to supporting initiatives that promote diversity, inclusion, and leadership in the technology sector.

# ENGAGE WITH MICROSOFT TEAM TO LEARN COPILOT



In a significant move towards enhancing digital literacy and harnessing the power of cutting-edge technology, members of the Faculty of ICT, alongside eager students, participated in an engaging session with the Microsoft team to learn about Copilot, an innovative AI-driven tool designed to boost productivity and collaboration. The session with the Microsoft team was a resounding success, leaving participants with a deeper understanding of how AI, specifically Copilot, can be harnessed to improve productivity and efficiency in the ICT field. As AI continues to evolve, such initiatives are crucial in ensuring that both educators and students are well-equipped to navigate and utilize these technologies effectively. The Faculty of ICT looks forward to future collaborations with Microsoft and other industry leaders to continue bridging the gap between academia and industry, ensuring that students and faculty alike are at the forefront of technological innovation.

# ICT STUDENTS SUCCESSFULLY COMPLETE FINAL ASSESSMENT



In a demonstration of their technical ability and creativity, ICT students have successfully completed their final assessments, marking the culmination of their academic journey. The assessment, which required students to create innovative projects, showcased a wide cluster of technological solutions aimed at addressing real-world challenges. The completion of the final assessment marks a significant milestone for the ICT students. Their projects, which blend creativity with cutting-edge technology, are a testament to the quality of education provided by the institution. As these students step into the professional world, they carry with them the skills, knowledge, and experience needed to make a lasting impact in the field of information and communication technology.

# PRESENTING THE CERTIFICATE OF SPONSORSHIP AND PRESENTATION OF RESEARCH DATA AND STUDY TOUR IN THE 6TH HEALTH COMMUNITY PROJECT AT SIEM REAP PROVINCE



In the morning of August 17, 2024, the Faculty of Health Sciences and Biotechnology organized an event of Presenting the certificate of sponsorship and presentation of research data and study tour in the 6th Health Community Project on “Diabetes Screening, Health Check-up and Heavy Metals Determination in Preah Dak Community” at Siem Reap Province at Hall H, the University of Puthisastra.

The presentation of research project data and study visits to Medical Laboratory of Siem Reap Provincial Hospital were presented by Science Research, and Medical Laboratory students. The event was conducted in honor of Prof. Sushila Chang, Director of Health Sciences and Biotechnology, faculty members and represents of sponsors.

This event was organized for the following purposes:

1. Expressing gratitude to the sponsors as well as the leadership, staff and students in the Faculty of Health Sciences and Biotechnology for supporting this project.
2. Provide opportunities for students to refine their skills, including soft and hard skills, especially presentations, as well as share the knowledge they have learned with other students.
3. Summarize the major activities achieved and the data obtained from this research project in Siem Reap province. After the event ended, all students learned, gained and shared a lot of new knowledge; especially all participants increased their relationship with each other.

It should be noted that this project was supported and sponsored by:

1. University of Puthisastra
2. VS Medical Lab
3. Samaki Medical Laboratory
4. B Scientific Instrument Co., Ltd
5. Mrs. Chandra Leakhena Apsara Pach
6. Laber Scientific Co., Ltd
7. Biotrust Diagnostics
8. Dynamic Scientific Co., Ltd.
9. Capital Health
10. LY LY Food Industry Co., LTD.
11. B.O.M Co., Ltd.
12. I.S. Premium Laboratory



# UP'S SCIENCE RESEARCH STUDENT WON

## THE FRIST RUNNER UP FOR THE BEST POSTER DESIGN IN "YOUTH4FOODSAFETY: A VISUAL ART COMPETITION"



Congratulation to Mr. Chao Tha Chea Buthra, third-year student majoring in Science Research of the University of Puthisastra who won the Frist Runner Up for the Best Poster Design in "Youth4FoodSafety: A Visual Art Competition". Over 200 stakeholders from the agriculture, food, and nutrition sectors gathered in Phnom Penh to commemorate Cambodia's World Food Safety Day (WFSD) 2024. This year's event, led by the Council for Agricultural and Rural Development (CARD) and supported by FAO, WHO, USAID, iDE, Helen Keller, World Vision International and the Church of Jesus Christ of Latter-day Saints centered on the theme, "Food Safety: Prepare for the Unexpected".

The event featured keynote addresses from leaders, panel discussions with experts and youth leaders, and the "Youth4FoodSafety: A Visual Art Competition" provided a platform for young participants to convey key food safety messages through posters, videos, and photos. Out of many entries, nine young individuals from various educational institutions across Cambodia were selected as winners at the WFSD 2024 celebration.

## UP'S HEALTH SCIENCES AND BIOTECHNOLOGY VISITED UNIVERSITI PUTRA MALAYSIA, UNIVERSITI KUALA LUMPUR AND UNIVERSITI TEKNOLOGI MARA, MALAYSIA



Two representatives from the Faculty of Health Sciences and Biotechnology, at the University of Puthisastra (UP), had a visit to the Universiti Putra Malaysia (UPM) on August 20, 2024, to the Universiti Kuala Lumpur on August 21, 2023, and to the Universiti Teknologi Mara (UiTM), Malaysia. During the visit, the staff held some discussions on cooperation between the three universities with UP. Representatives of the three universities of Malaysia in the meeting with the University of Puthisastra include:

1. Universiti Putra Malaysia (UPM)
  - Faculty of Biotechnology and Biomolecular Sciences
  - Faculty of Food Science and Technology
  - Faculty of Medicine and Health Sciences
  - Academic Health Sciences and Student Affairs
2. Universiti Kuala Lumpur
  - Bachelor of Food Safety and Quality Technology
  - Bachelor of Environmental Health (Hons.)
  - Bachelor of Biomedical Science (Hons.)
3. Universiti Teknologi Mara (UiTM)
  - Faculty of Health Sciences
  - Faculty of Sport Sciences
  - Faculty of Plantation & Agrotechnology
  - Faculty of Applied Sciences

The purpose of this meeting is to allow students to study abroad, exchange experiences between staff and staff, participate in research between the faculties, and other activities in which we can collaborate.

# UP'S SCIENCE RESEARCH STUDENTS PUBLICATION IN JOURNAL OF CAMBODIA HEALTH



Recently, third-year Science Research students of the Faculty of Health Sciences and Biotechnology of the University of Puthisastra published a scientific report in the Journal of Cambodia Health. It should be noted that this report was written and edited under the supervision of the staff of the Faculty of Health Sciences and Biotechnology.

The title of the report is: "Identification of Alpha-Galactosidase gene in tomato plant"

It was written and edited by: Ms. Hak Meyhouy, Ms. Som Dalen and Ms. Sort Sreynith, third-year Science Research student, under the guidance of Ms. Heng Sreyly. This article was published on 30th June 2024 in Volume 2, Issue 1 of the Journal of Cambodia Health which is available online at <https://doi.org/10.70243/jch2024.2103>

## TRAINING ON MASTERING PROFIT MARGINS IN PHARMACY OPERATIONS: LINKING TO PROFIT AND LOSS STATEMENTS

**TRAINING**

**Topic: Mastering Profit Margins in Pharmacy Operations: Linking to Profit and Loss Statements**

**DR. VIREAK KHLOTH CHEA**  
CEO/Founder of PillTech Solutions Co. Ltd.

**Learning Objectives:**

- Define profit margins and their importance for a pharmacy's financial health.
- Explain how profit margins impact the Profit and Loss (P&L) statement.
- Learn to set profit margins considering costs, pricing, and market conditions.

Scan for register

Registration deadline: August 31, 2024

THURSDAY  
1:00 - 2:00 PM  
September 05, 2024  
Hall H, University of Puthisastra

The Faculty of Pharmacy at the University of Puthisastra is excited to invite you to a training session on Mastering Profit Margins in Pharmacy Operations: Linking to Profit and Loss Statements

By the end of this training, participants will be able to:

- \* Define profit margins and understand their importance for the financial health of a pharmacy.
- \* Explain how profit margins affect the Profit and Loss (P&L) statement.
- \* Set profit margins by considering costs, pricing strategies, and market conditions.

Date: September 5, 2024

Time: 1:00 to 2:00 p.m.

Venue: Hall H, University of Puthisastra

Speaker: Dr. Vireak Khloth Chea, CEO/Founder of PillTech Solutions Co. Ltd.

Participants: 100 UP pharmacy students and pharmacists

Registration Deadline: August 31, 2024

Scan the QR code to register now!

Thank you.

## PRESENTATION AT THE PHARMA-CAREER CLUB BYMS. EM THEARA ON TOPIC "PHARMACY MEETS GLAMOUR: THE CAREERS OF PHARMACIST IN COSMETIC INDUSTRY" AT KOSPO ROOM, BUILDING B, UNIVERSITY OF PUTHISAISTRA FROM 1:00 TO 2:00 P.M.



On August 22, 2024, the Pharma Career Club invited an honorary speaker, Ms. Em Theara, who will point out and share experiences on the topic "Pharmacy meets glamour: How to become a pharmacist cosmetic". She also shared his own experience in orienting herself in choosing a job or skills for further study after graduation and teaching about goal setting for study. The purpose of her presentation is about sharing her experience to every junior in order to know and understand what they should do before graduation ,and also have a plan after graduation.

In this course, she shares a clear introduction to the curriculum in cosmetic science, which includes key subjects such as cosmetic materials, and other required courses in the field. She also explained careers related to cosmetic science. In addition, she provides the best advice for applying for a scholarship, including a demonstration of the Global Korea Scholarship (GKS) application guidelines that provide international students with the opportunity to study in Korea. This course is not only a place to share knowledge related to cosmetic science, but also a valuable opportunity for students to pursue more careers in this field.

## UP PHARMACY ORGANIC CHEMISTRY LABORATORY (L52) ACHIEVEMENT



The Organic Chemistry Laboratory (L52) is a cornerstone of the Faculty of Pharmacy at the University of Puthisastra, distinguished among the five specialized laboratories within the institution. Over the past few years, L52 has emerged as a leader in advancing the academic and research landscape of the faculty.

The laboratory has made noteworthy progress in several key areas, including curriculum development, research initiatives, and the synthesis of novel natural products by pharmacy students.

The laboratory is well-equipped with advanced tools for the synthesis and extraction of natural compounds, including steam distillation, oven, water bath, ultrasonic bath, and notably, a UV-visible spectrophotometer, which is essential for identifying and analyzing medicinal or herbal components.

These tools not only enhance research opportunities or curriculum but also enable students to produce various nature-derived products. The lab has successfully developed several natural products, including perfumes, shampoos, lip balms, natural body scrubs, sunscreens, mosquito sprays, and anti-inflammatory creams.

In the future, the laboratory's commitment to research and development extends beyond product creation. Its state-of-the-art facilities and innovative research have established it as a leading center for the development of natural products and the advancement of pharmaceutical education.

# PHARMACOGNOSY LABORATORY (J11) NATURAL PRODUCTS



There are two different natural products that students have created two distinct natural products from rosella and lemongrass. These two natural products play a crucial role in promoting human health. They turned rosella into a juice for its health benefits. Rosella is also known as Hibiscus sabdariffa, that it is rich in antioxidants which can help combat oxidative stress and inflammation, lower blood pressure and cholesterol levels, and its high vitamin C content boosts the immune system. While lemongrass was developed into an inhaler designed to help reduce anxiety and relieve symptoms of indigestion and bloating. Lemongrass is known as Cymbopogon citratus, it as calming properties can help reduce stress and anxiety for people, and it also has diuretic effects that may help in flushing out toxins from the body.

## EXPERIENCE SHARING: "THE BEST WEBSITES AND DOCUMENTS FOR IMPLEMENTATION IN CLINICAL PHARMACY"

Phnom Penh, August 16, 2024 – The Clinical Pharmacy Club at the University of Puthisastra kicks off its first week with an insightful presentation by Mr. Heim Meng Khim, a dedicated lecturer at the Faculty of Pharmacy. The event, held at Hall B, Building B, will focus on the theme "The Best Websites and Documents for Implementation in Clinical Pharmacy." In today's rapidly evolving healthcare landscape, having access to high-quality online resources and documents is crucial for effective clinical pharmacy practice. This presentation aims to equip students with essential tools and knowledge to enhance their professional journey. Key benefits of this session include:

1. Identifying top-tier websites and documents vital for clinical pharmacy studies and practice.
2. Fostering professional growth and continuous education, with a focus on skill development for clinical pharmacists.
3. Emphasizing the importance of ongoing research and monitoring to ensure the use of the most current and effective treatment methods.
4. Demonstrating strategies to enhance critical thinking and minimize delays in both learning and professional tasks.



## THE UP VOLLEYBALL CLUB WAS MORE THAN JUST A SPORTS TEAM



Since its inception on July 4, 2024, the University of Puthisastra (UP) Volleyball Club has quickly emerged as a vibrant community for volleyball enthusiasts. As the club looks toward future competitions, it aims to instill a spirit of teamwork and resilience in its members. The emphasis on personal growth and mutual support ensures that every player feels confident stepping onto the court. Whether celebrating a well-executed play or rallying together after a tough match, the UP Volleyball Club embodies the idea that success is measured in victories and the bonds formed along the way. With each practice and match, this dynamic community thrives, impacting all who join. The UP Volleyball Club was more than just a sports team; it was a family united by love for the game and a commitment to uplift one another one serve at a time.

# THREE MEDICAL STUDENTS SUCCESSFULLY DEFENDED THEIR THESIS



On 20th August 2024, Roth Phalkun, Seung Vichetvatey and Hout Lyhour successfully defended with credit their thesis entitled “Knowledge, Attitude and Practice (KAP) Regarding Hypertension Among Villagers in Chumkiri, Kampot Province”. The thesis was supervised by Prof. Malli Dorasanamma. The Thesis Examination Committee, chaired by Asst. Prof. Prom Vireak, included Dr. Kea Sokleng and Dr. Chin ChanDavid.

Hypertension is a huge problem worldwide and Cambodia is no exception. The prevalence of hypertension in our country is 35.2% among adults aged 40 years and older. According to WHO data published in 2020, the death rate is 25.06 per 100,000 population, ranking Cambodia as #57 in the world.

The findings of the study showed that the majority of participants had an overall average level of KAP towards hypertension. Low education level, poverty, cultural beliefs (herbal or traditional medicine), unqualified medical personnel and inadequate access to healthcare are possible causes of insufficient KAP.

# CROSS-MEDICAL FIELD CONFERENCE HELD AT THE UNIVERSITY OF PUTHISAstra



The Faculty of Medicine, in cooperation with the Cambodia-China Medical Association, organized a Cross-Medical Field Conference on 15th August 2024. Experts from Taiwan gave presentations on biologics in asthma, new developments in tuberculosis, regenerative medicine and the use of immune cell therapy.

# MEDICAL STUDENTS PARTICIPATED IN TWO MISSIONS WITH A TAIWANESE TEAM



In August 2024, UP students and Taiwanese doctors provided general health check-up to people living in the outskirts of Phnom Penh and in Takeo Province.

20 medical students from Years 5 and 6 participated in this mission, providing medical consultation, delivering medications and assisting with the translation.

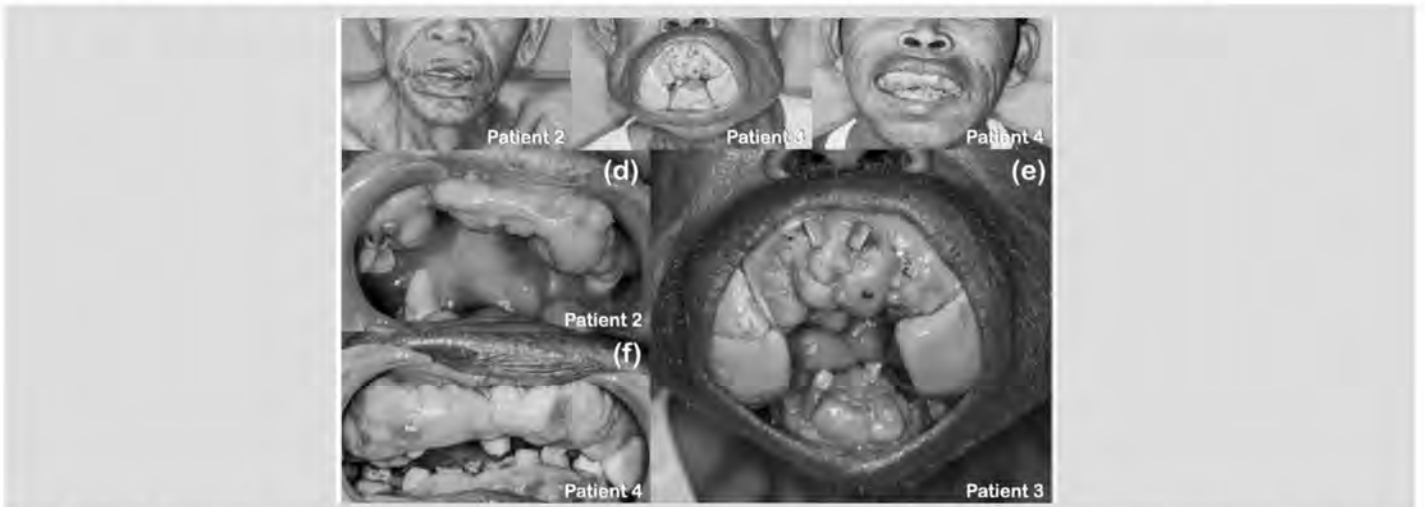
The students also watched the doctors performing acupuncture on patients with back pain, neck pain and extremities pain.

## VISIT BY PROFESSOR NILADRI MAITI FROM UZBEKISTAN



Recently UP hosted Professor Niladri Maiti from Central Asian University (CAU) in Tashkent, Uzbekistan. Prof Niladri, who is the founding Dean of Dentistry at CAU, spent time with various members of the UP staff, as well as students, and was able to learn about our Faculty and share about his own University, which is the first English-speaking University in the country. He was responsible for starting preparatory courses at Central Asian University - which helped prepare students for admission to the University. During his visit he shared the concept of Academic Advising which handles students issues in a strategic way and helps guide them in achieving their career goals. Prof Niladri was impressed with what UP has achieved in recent years, and the performance of our students and staff. His wife, Dr Riddhi (an orthodontist) has been teaching our UP year 2 students Immunology online during this semester, and hopes to visit Cambodia herself in the future. During his visit Prof Niladri met the President, several Deans and HODs, the Chancellor, the CEO of SOMA group, and key members of our Leadership team. Prof Niladri saw many similarities between our two schools, and believes that UP has a bright future in Cambodia and the region.

## A RARE CASE OF GINGIVAL FIBROMATOSIS IN CAMBODIA



Prof Callum Durward and A/Prof Phan Sandeth were co-authors of a recent article in the International Journal of Molecular Sciences which included a case report and genetic analysis of a Cambodian family who had this rare condition. The study was led by Professor Piranit Kantaputra from Chiang Mai University who is a clinical geneticist and pediatric dentist. Prof Kantaputra has visited UP several years ago and gave a lecture on genetic conditions affecting the orofacial structures.

Cambodian dentists have a role to play in recognizing such syndromes and referring cases for further investigation and management. The patients in the study were successfully treated for the condition - one in Australia and one here in Phnom Penh. Both patients were seen at the UP Dental Hospital.

The title of the article is "Genetic Variants in the TBC1D2B Gene Are Associated with Ramon Syndrome and Hereditary Gingival Fibromatosis". *Int. J. Mol. Sci.* 2024, Volume 25, Issue 16, 8867

# UHS DENTAL STUDENTS AND CIPO STAFF PROVIDE DENTAL TREATMENT TO CHILDREN AT RABBIT SCHOOL



From August 19th to 23rd, 2024, a team comprising three members from the Collaborating Center for Innovation in Population Oral Health (CIPO) and eight dental students from the University of Health Sciences (UHS) provided Level 2 and Level 3 dental treatments to children at Rabbit School.

This initiative was supervised by Dr. Sieng Chanthyda, Co-Director of CIPO. Over the five-day period, the team successfully treated children with Level 2 and level 3 dental treatment team completed 146 children. This activities support from Ivoclar, greatly appreciated the contribution. We extend our gratitude to Ivoclar for their valuable support.

## CIPO WORKSHOP WITH THE FOCAL POINT ACROSS CAMBODIA



Dr. Sieng Chanthyda, Co-Director of CIPO, recently delivered a presentation on the "Cambodia Smile and Health Kids Cambodia" project during a workshop held from August 14th to 16th, 2024 at Kampong Chhnang province. The workshop, organized by the Oral Health Bureau of the Ministry of Health with support from the World Health Organization (WHO), focused on the implementation of the Oral Health National Action Plan 2023-2030. Dr. Thyda shared insights and experiences from the SDF Demonstration Project conducted in Kampong Speu.

The presentation highlighted the project's activities, the process of initiating these activities, and the challenges encountered. The workshop brought together 25 participants, each representing a different province, who serve as oral health focal points within their respective Provincial Health Departments. These participants play a crucial role in facilitating and overseeing oral health initiatives across Cambodia.

# UP DENTAL STUDENT YEAR 7 PRESENT CLINICAL CASE



Recently many of UP dental students in year 7 have passed the clinical case presentation. In the Faculty of Dentistry, besides clinical basic and advanced requirements, all students have to complete the clinical case presentation by their final year. It is compulsory for the students to pass their clinical case presentation with different types of treatments including tooth filling, simple extraction, surgical removal, crowns, bridges and many other more.

The initial stage to prepare for the clinical case presentation, students have to seek for patients who have dental problems that would meet the clinical case criteria. Once the agreement is made, between the student and patient, the information of the patient will be collected in written consent, x-ray and photography. Next step, students have to discuss the treatment plan with the supervisors or tutors in order to achieve the best treatment outcome.

When the students complete the whole treatment for the patient, next they have to prepare a case-book which consists of all the patient's information and detailed treatment plan that the patients have received from the first visit to the last. On the presentation day, there are two examiners who first check the patient and care report, and then ask the student questions about their management. Each clinical case presentation takes about 30 minutes to complete. The faculty is happy with the standard of the presentations by the majority of the students, and many pass with flying colours.

# CLINICAL PRACTICE FOR MASTER OF ORTHODONTICS STUDENTS AT ANG DOUNG HOSPITAL



The 5 UP postgraduate orthodontics students spend half a day each week in the orthodontics department at Ang Dong Hospital, where they are exposed to interesting cases, including those requiring orthognathic surgery for severe jaw discrepancies. The teaching team includes: Assistant Prof Phan Sandeth (OMF surgeon), Assistant Prof Yin Sythan (orthodontist), Dr Ping Bushara (Oral Surgeon), Dr Sok Cheng Chhean (orthodontist) and Prof Anand Marya (UP Head of Orthodontics). UP is very grateful for the opportunity provided by Ang Dong Hospital.



# UP DENTISTRY FACULTY VISITS KASETSART UNIVERSITY



In the last week of August 2024, Dr. Anand Marya, the Deputy Dean of Dentistry and UP Head of Orthodontics, joined the 29th anniversary celebrations of Kasetsart University, Sri Racha Campus Thailand.

Kasetsart University is a public research university in Bangkok, Thailand. It is the largest university in Thailand. It was Thailand's first agricultural university and its third oldest university. It was established on 2 February 1943 to promote subjects related to agricultural science. Since then, Kasetsart University has expanded its subject areas to cover life sciences, science, engineering, social sciences, and humanities.

The event also featured a wonderful scientific symposium and Professor Anand Marya the Deputy Dean of Dentistry was invited to deliver a keynote lecture on research in Orthodontics- AI and digital technology.

In the afternoon, graduating students from KU and Thammasat University gave multiple scientific presentations. Professor Anand Marya was invited to chair a session and listened to such wonderful presentations, and saw the amazing work being done at these two universities.

Heartfelt congratulations to this wonderful university on this landmark occasion and wishing many more years of success. Kasetsart University has been an MOU partner with UP for the past year and we have engaged in many collaborative research and academic activities with them and hope to continue to build our relationship.

# UP DENTISTRY FACULTY VISITS VAN LANG UNIVERSITY



In the month of August, Professor Anand Marya, the Deputy Dean of Dentistry and UP Head of Orthodontics, joined an International Orthodontic Symposium at Van Lang University, Ho Chi Minh, Vietnam. The meeting was organized by Ormco, which is one of the biggest orthodontic products companies in the world and its parent company Envista, and featured a well-known international speaker Dr Andres Perdomo from Bogota, Colombia.

The conference was well attended, with approximately 250 registrations, and had speakers and participants from many Southeast Asian countries. Professor Anand Marya, who has been a Key Opinion Leader for Ormco for a few years now, was invited to the meeting. The two-day event was organized at Van Lang University and covered a wide range of topics, such as complex malocclusions and impacted canines managed with the Damon system.

After the symposium Professor Anand was greeted by the leadership of the University- The Vice president, the Dean Professor Quang Phi Tran and his faculty. Professor Anand had very productive discussions on collaborations related to academic and research exchanges.

With a population of over 49,000 students at the university it is also one of the most modern and well equipped dental schools in Vietnam. We already have more than 10 research projects between the Orthodontics departments of the two schools. Visiting Professors were appointed on both sides and we hope to have a very fruitful partnership. Also in the month of October 12 students from the faculty of dentistry would be visiting their university for an academic exchange.

# UP DENTISTRY FACULTY VISITS SRM UNIVERSITY



In the month of August 2024, Professor Anand Marya, the Deputy Dean of Dentistry and UP Head of Orthodontics, was invited to deliver a keynote lecture on the management of complex Class III malocclusions at the International Orthodontic Symposium organized by the Department of Orthodontics and Dentofacial Orthopedics at SRM Kattankulathur Dental College and Hospital, in collaboration with the Indian Orthodontic Society.

Professor Anand was invited to share the stage with wonderful orthodontists from India and Macau, and Professor Deepak Chandra and the department of Orthodontics wonderfully organized the conference at their sprawling campus.

Located in the state of Tamil Nadu, the SRM Kattankulathur Dental College is one of the top dental schools in India, and is particularly renowned in the field of orthodontics. Started in the year 2007 with an annual intake of 100 dental students they have since grown into a very successful postgraduate institution. The dental school is located in a sprawling 280 acres university campus which also contains a 1500 bed teaching hospital, and Colleges of Medicine, Engineering, Science and Humanities. UP is proud to have wonderful relationships and collaborations with such fine high-ranking institutions and hope to continue to work on building a highly productive environment for all UP students. We are looking forward to having future student and staff exchanges, as well as research, teaching and learning collaborations in the future.

# UP DENTISTRY FACULTY INVITED TO SPEAK AT VIDECON



In the month of August 2024, Professor Anand Marya, the Deputy Dean of Dentistry and UP Head of Orthodontics, was invited to deliver a keynote lecture on the management of complex Class III malocclusions using Passive Self ligation at the VIDECON conference in Vietnam.

VIETNAM INTERNATIONAL DENTAL EXHIBITION & CONGRESS (VIDECON) is the largest and most prestigious dental scientific event and exhibition in Vietnam, organized annually by the Vietnam Odonto-Stomatology Association (VOSA). This highly anticipated event attracts a significant gathering of dentists, distributors, and dental material manufacturers from Vietnam and the surrounding region.

Professor Anand was invited to speak at the Vietnamese International Dental Exhibition and Congress VIDECON 2024, with more the 3,500 dentists as well as specialists from various regional dental associations and more than 40 International Speakers.

# INTRODUCTION TO RESEARCH METHODOLOGY COURSE IN FY STUDENT'S ACHIEVEMENT FOR INTRODUCTION TO RESEARCH METHODOLOGY COURSE IN FY



Every field of study needs to take the Introduction to Research Methodology course because it increases students' potential for scholarly contributions and academic advancement. In order to equip students with research skills for their senior year, we offered an Introduction to Research Methodology course for them in the Foundation Year program at UP. It gives students a basic understanding of the steps involved in conducting scientific research, including how to formulate research questions and objectives, conduct literature reviews, research design, data collection and analysis, synthesize data, and draw conclusions. It also highlights how crucial it is to support academic writing with citation and reference practices that uphold academic integrity and ethics.

This course challenged students to develop an academic poster based on data from previous studies that's related to their research interests in the fields of science and health science. This approach trains students in the process of academic poster development by using secondary data to support their argument. They were enthusiastic and actively involved in exploring new knowledge and learning about the basic research journey.

Here are some of the students' poster accomplishments that stand out. So proud of them, and congrats!

## UNIVERSITY OF PUTHISAstra TO JOIN HIGHER EDUCATION FAIR ON 7TH - 8TH SEPTEMBER



We are thrilled to announce that the University of Puthisastra will be participating in the upcoming Higher Education Fair on the 7th and 8th of September at the Connexion building.

This event is a fantastic opportunity for prospective students, parents, and education professionals to explore the diverse academic offerings and innovative programs available at UP.

At the University of Puthisastra, we are committed to providing a transformative educational experience that prepares students for success in their chosen fields.

Our participation in the Higher Education Fair underscores our dedication to engaging with the community and showcasing the unique strengths of our institution.

Visitors to our booth will have the chance to meet with faculty members, current students, who can provide detailed information about our programs, campus life, and the application process.

We invite you to join us at the fair to learn more about how the University of Puthisastra can help you achieve your academic and career goals. Whether you are interested in our cutting-edge science programs, dynamic courses, or our innovative health sciences curriculum, there is something for everyone. Don't miss this opportunity to discover what makes the University of Puthisastra a leading choice for higher education in the region.