



UP VOICE

The Official Newsletter of the University of Puthisastra (UP)

UP DOES IT AGAIN!!!!

UP REDEFINES EDUCATION IN CAMBODIA - ENTERS TIMES HIGHER EDUCATION RANKINGS FOR THIRD YEAR IN A ROW!



Times Higher Education
Impact Rankings 2023

The University of Puthisastra (UP), the leading educational institution in Cambodia, is proud to declare its inclusion in the prestigious Times Higher Education Global Impact Ranking Tables, making it the only Cambodian university to achieve this feat.

This year, the rankings compare 1,799 top universities from 104 countries across the globe. UP is now in the top 25% in the world for SDG 3: Good Health & Wellbeing – out of 1218 universities. UP was also ranked in SDG 4: Quality Education, SDG 5: Gender Equality, SDG 6: Clean Water, SDG 8: Decent Work & Economic Growth, SDG 9: Industry, Innovation and Infrastructure, SDG 10: Reduced Inequalities, SDG 16: Peace, Justice and Strong Institutions and SDG 17: Partnerships for the Goals.

This is a remarkable achievement for a developing country like Cambodia. This recognition demonstrates the rapid progress of Higher Education in Cambodia, particularly in addressing the United Nations' Sustainable Development Goals (SDGs).

The Times Higher Education Impact Rankings is the only global performance table that evaluates universities based on the UN's 17 SDGs. The rankings are available here: [Impact Rankings 2023 | Times Higher Education \(THE\)](#).

UP will continue to strengthen its position and reputation, as well as advancing Cambodia's place and reputation within the global Higher Education industry. The successful outcome would be impossible without the committed efforts of UP's staff and students working collectively.

With our excellent staff and students working in lock-step together, the sky's the limit for UP!

There is no better time to be a UP student!!!

UP PROFESSOR APPOINTED AT ROYAL COLLEGE OF SURGEONS, EDINBURGH



Prof. Anand Marya, the Head of Orthodontics, was recently appointed as an International Dental Ambassador of the Royal College of Surgeons of Edinburgh for the Southeast Asian region. It is the oldest Surgical College in the world, with just under 30,000 members in 100 countries, almost half of whom are overseas, touching every stage of the career path from medical student to consultant. The Royal College of Surgeons of Edinburgh was founded in 1505 by Royal Charter granted by King James IV. The college headquarters are in Edinburgh at Surgeons Hall, the world-famous category A listed building designed by William Henry Playfair in 1832.

The College's Faculty of Dental Surgery promotes excellence in patient care by providing quality-assured assessments and facilitating high education standards for members of the dental profession. Established in 1982, it is the largest of the college's faculties, with almost 7,000 Fellows and Members worldwide and its own Council.

Prof. Anand joins an exclusive list of only 13 other international ambassadors of the royal college worldwide, and only 2 are from the Southeast Asian region. Prof. Anand will be responsible for helping promote the Royal College's activities and collaborations in the South East Asian region.

UP LAUNCHES GOUP CAMPAIGN 2023 ACROSS THE KINGDOM



Following the governments strong push to encourage high school students to pursue career opportunities in STEM (Science, Technology, Engineering, and Mathematics), UP launches GoUP campaign held from mid-May to June in 7 different provinces across the Kingdom of Cambodia. 89% of the world's most needed jobs are in STEM but less than 8% of Cambodian university students study STEM. Cambodia needs far more STEM graduates to achieve its dreams.

This UP campaign offers a unique opportunity for high school students to learn about STEM skills and STEM programs that UP has to offer, complete with hands-on experiments under the expert guidance of UP staff.

STEM fields are rapidly becoming more important than ever before, with numerous job opportunities available and a growing demand for professionals skilled in these areas. However, accessing quality education and training in STEM is a challenge for many students, particularly those who live in rural areas or lack financial support. The GoUP campaign aims to bridge that gap, by bringing quality education and training opportunities directly to high school students across the country. The campaign offers a range of programs and activities, specifically tailored to the needs and interests of high school students. These include interactive workshops and presentation, hands-on experiments, and career guidance sessions, all designed to give students a practical understanding of what they can expect from a career in STEM. The campaign also emphasizes the importance of collaboration and teamwork, with students having the opportunity to work together on projects and experiments, building not just their technical skills but also their leadership and interpersonal skills.

Overall, the GoUP campaign is an excellent opportunity for high school students to learn about STEM education and career prospects. It is a valuable initiative that will have far-reaching benefits not just for the students themselves, but for the wider community and the future of STEM industries in Cambodia.

UPS FACULTY OF IT JOINS GOUP CAMPAIGN



UP's Faculty of ICT Team joined the provincial campaign to promote UPs IT programs.

UPs Bachelor of Science in Information Technology combines technical skills with real-world business insights to increase both employability and salaries in the ever-changing digital world. This program allows students to choose between two majors:

- **Database & Programming:** this major concentrates on the theory and the design of computer systems. Students will learn how to write various programming languages used for software development and operating systems. Topics covered include Software Engineering, Software development (desktop, web, mobile), Database design and Database system administration, Artificial Intelligence, IT Project Management. Careers include: Software developer (desktop, web, mobile), Software tester, Software architect, Database administrator, IT Project Manager etc
- **Networking:** this major focus on the administration of systems and networks. Main subjects are: Cisco CCNA1-4, Linux administration, Network analysis & design, Network Security, Cloud computing, Web server, IT Project Management, IT Research Methodology. Careers include: System administrator, Network Engineer / Administrator, Information Systems Administrator, Information technology Specialist, Security analyst etc

SCIENCE RESEARCH JOINS GOUP CAMPAIGN



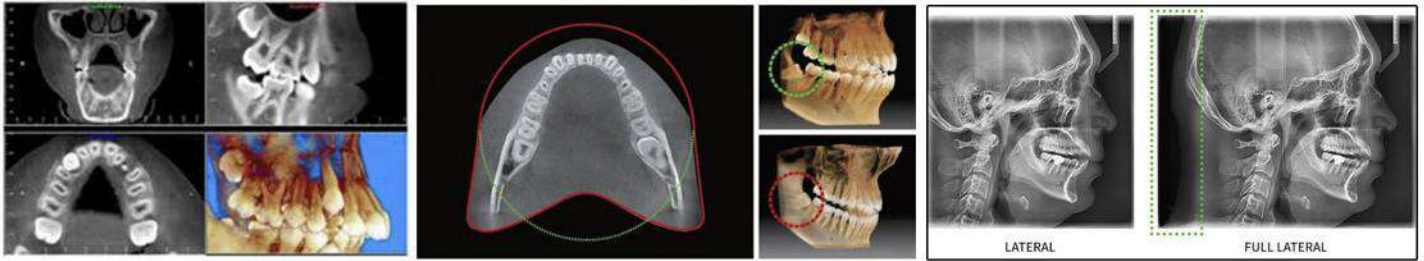
The work of Science Research students of the Faculty of Health Sciences and Biotechnology, University of Puthisastra is on display in the GoUP campaign in high schools in eight provinces: Pursat, Siem Reap, Takeo, Kampong Cham, Battambang, Svay Rieng, and Prey Veng.

Products were made by first- and second-generation Science Research students' including scented candles, lipstick, and antiseptic alcohol.

UP is proud to be the only university to offer a science research degree – addressing growing needs for science graduates in Cambodia.

It should also be noted that this GoUP campaign is designed to help high school students learn about the University of Puthisastra as well as the Bachelor of Science in Research.

FIRST CBCT IN A CAMBODIAN DENTAL SCHOOL



In another first for UP, UP Dental Hospital has just installed a Cone Beam Computed Tomography (CBCT) scanner. This machine provides accurate 3-D images of the jaws and related structures and is especially helpful when planning implant cases, diagnosing trauma and pathology, and for other types of oral surgery (eg impacted wisdom tooth surgery, cysts, etc). It can clearly show the proximity of nerves and sinuses to the teeth – so as to minimize the chance of complications during surgery.

Very few hospitals in Cambodia have such advanced technology as a CBCT, and UP welcomes outside dentists to send patients to have their scans done here. As UP will be launching postgraduate courses in orthodontics, implantology, and wisdom tooth surgery later in 2023, the CBCT will be a great asset moving forward.

The brand of the machine we purchased is VATECH from Korea, one of the top international brands. This week our staff have been learning how to use it. With the arrival of this new CBCT, the UPDH is continuing its upward direction in terms of providing quality patient care with cutting edge technology.

MISSION TO LES RESTAURANTS DES ENFANTS – LRDE



On May 30, 2023, six nursing students and six dental students from the UP joined the mission to Les Restaurants Des Enfants (LRDE). Les Restaurants Des Enfants (LRDE) is the organization that provides free food for street children. Most children at LRDE are desperately poor orphans who live by themselves. Nursing students provide hand hygiene as well as calculating body mass index (BMI) to ensure the children are growing up as they should.

Furthermore, dental students provided oral health care as well as free dental check-ups. We also thank UP-UYFC for making a donation to buy some groceries for children.

UP is very proud to Make more smiles!!

UP DENTAL STUDENT WINS A “BEST PAPER PRESENTATION”

AWARD AT THE INTERNATIONAL DENTAL STUDENT CONFERENCE (IDSC) AT INTERNATIONAL MEDICAL UNIVERSITY IN MALAYSIA 2023



UP year 7 dental student Im Puthisa presented his thesis group's research on the topic “Effectiveness of Silver Diamine Fluoride on arresting caries between atypical and typical caries lesions” at the IDSC 2023 conference which had the theme “Academic and Clinical expertise Through Research.” Held in Malaysia, this was the first time UP had joined this event which had several hundred participants from many countries in the region. Puthisa won a “Best Paper Presentation” award which came with a very nice trophy. Puthisa has said that he learned a lot from other presentations and was grateful that UP sponsored the registration fee for all the UP participants.

Other presentations from UP students included:

- Root sectioning and restoration of a failed endodontically treated lower molar: A case report – Sambath Boty
- The use of the stamp technique for class I composite restorations – a case series – by Chheur Heng Chan Pupler Leap
- Oral health promotion in Healthy Kids Cambodia project – Mak Sangdor
- UP is certainly making its name well known in the region for dental research, by participating in events such as this.

MEET OUR MEDICAL DOCTORS AT UP HEALTH CENTER



Medical Consultation Rooms are on the second floor of the UP Health Center, located across the road in front of the entrance of the University of Puthisastra on street 184.

Dr. Hieng Kosalthya has more than 10 years' experience in child and adult care in outpatient, inpatient and emergency settings. In particular she has provided care related to endocrinology, rheumatology, hepato-gastroenterology and infectious diseases.

Dr. On Daravuthy has almost 10-year experience in adult diseases, gynecology, reproductive health, family planning, antenatal care and voluntary confidential counseling and testing.

Our doctors are waiting to provide you medical service every day, including weekends, from 8AM to 9PM. The services include medical consultation and treatment, vaccination, health and check-up packages. Please, free to contact us to make an appointment and to visit us any day during working hours.

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UP LAUNCHES TRAINING PROGRAM FOR LECTURERS



As Cambodia's leading educational institution, UP is committed to providing upskilling lecturers with the latest teaching techniques and tools to enhance their pedagogical skills and this improve student outcomes.

Quite simply the best teachers make the best students, the best students make the best graduates and the best graduates get the best jobs with highest salaries. And these are UP graduates!!

Therefore, QLTS department has just launched an ongoing training program for the academic year 2023-2024, which offers UP lecturers a comprehensive series of training sessions that cover a diverse range of hands-on and practical topics, with a particular emphasis on efficient UPOP usage and effective pedagogical approaches.

The training is conducted monthly by experienced trainers who possess extensive knowledge in teaching and learning, as well as expertise in utilizing UPOP effectively. Each training session is scheduled for one hour and will be conveniently hosted at UP until October 2023.

The University of Puthisastra strongly encourages all lecturers to register for any sessions they are interested in upskilling and improving teaching methodologies, especially in the context of Education 4.0.

WELCOME TO MR. YEM SOKHA FULL TIME NURSING LECTURER TO NURSING DEPARTMENT



Sokha graduated with a Master Degree in Science Epidemiology from National Institute of Public Health. He is a registered nurse skilled in various healthcare settings such as emergency room, intensive care unit, anesthesia room, pediatric cardiology center, and clinical monitoring at Pasteur Institute of Cambodia. Moreover, he is enthusiastic to bring all his knowledge, skill, and experience to nursing students at UP.

UP ATTENDS YSEALI REGIONAL WORKSHOP 2023



Ms. Phally Sreyla, a course coordinator from Foundation Year, attended a regional workshop for the YSEALI program for 6 days, 14th-20th May, 2023. The workshop was fully funded by the US Embassy and collaborated with the National Economy University (NEU) in Hanoi, Vietnam.

With the aim of expanding the network and improving the quality of human resources in the modern context for young leaders from ASEAN countries and Timor Leste with mindset, knowledge, and skills in program development, teaching, knowledge sharing, promotion of inclusive education, bringing entrepreneurship and innovation culture into higher education through means of internationalization.



The 2023 YSEALI Innovating International Higher Education Regional Workshop have conducted with prestigious speakers from U.S. and ASEAN around 4 key topics of IIHE 2023:

- (1) innovating the internationalisation of teaching, learning and research
- (2) innovating the internationalisation of the digitalisation and resource sharing
- (3) diversity and inclusivity in international higher education
- (4) embedding innovation and entrepreneurship culture in higher education

At the end of the workshop, projects to develop international collaboration and innovating international higher education were pursued by 11 groups of competitors collaborating from all delegates in ASEAN countries.

Sreylla said "I have learned a lot related through this program such as net-working across ASEAN countries, leadership skills, internalization curriculum, teaching methodology, innovation and technology, entrepreneurship skills, students mobility including inclusivity in international higher education. We shared and talked about students' challenges facing higher education that happened from diversity factors such as students, teaching staff and institution and discussed solutions across ASEAN countries."

UP HOSTS BLOOD DONATION DAY



The Nursing department of University of Puthisastra in collaboration with the National Blood Transfusion Center will organize a blood donation event on 2nd June 2023 at UP's Kospo Room.

Blood donation is a generous thing to do and can help people who are in need, such as blood loss from accidents, surgeries, or specific diseases.

Donating your blood saves lives gives a chance to others to live.

Donate now.

INTERNATIONAL NURSES' DAY

International Nurses' Day is a global event observed on 12th May every year. 12th May is also the anniversary of Florence Nightingale's birth, the founder of modern Nursing.

It is also a day to recognize the contribution and importance of nurses and the nursing profession around the world. The International Nurses' Day celebration reminds us of the importance of nurses and the huge contribution to health services and health outcomes they make, across societies globally. Nursing care is holistic care, encompassing the physical, mental, and spiritual health and wellbeing of individuals, families and communities in society.



This year, the members of UP's Faculty of Nursing and Midwifery, and the Faculty of Health Sciences and Biotechnology, participated in the Nursing Day which it was celebrated at the Jayavaraman VII hospital, Siem Reap Province with more than 600 participants under the theme of "Our Nurses. Our Future".

QUALITY IMPROVEMENT CURRICULUM IS NOT FAR IN NURSING CARE



UP's Faculty of Nursing and Midwife, is committed to improving health quality by improving nursing education. The Faculty contributed to the Quality Improvement in Nursing Care curriculum with the support of USAID-EQHA (implemented by FHI 360), organized a workshop on "Methods and Tools of Quality Improvement in Healthcare" from 09th to 11th May 2023.

This workshop established knowledge and practical tasks for concepts, models, and tools application for quality improvement in healthcare (e.g., Improve in infection prevention and control and clinical waste management). Moreover, all participants took part in interactive and productive discussion for developing the lesson plans in bachelor nursing science and associated degree of nursing curriculum by using all the methods and tools of quality improvement in healthcare.

TRAINING ON "QUALITY MANAGEMENT SYSTEM IN HEMATOLOGY" WAS ORGANIZED BY CAMT AND UP



On May 20, 2023, UP in collaboration with the Cambodia Association of Medical Technologists (CAMT), organized a training on "Quality Management System in Hematology" for colleagues who are working in medical laboratories across the country. Open remarks were given by Mr. Ly Chanvatanak, Head of the Faculty of Health Sciences and Biotechnology, UP, and Professor Ket Vansith, President of the CAMT.

This training course was organized for the following purposes:

1. Understand the process of the CBC analyzer and the information shown by the CBC machine
2. Explain the advantages of IQC and EQA
3. Understanding the EQA result
4. Performance of corrective actions

The participation of distinguished speakers, including Dr. Hou Chantha, Dr. Tor Pety, Ph. Hem Keodane, and Dr. Kim Huot. This event was also sponsored by Kuang Hsien Medical Instrument Co., Ltd.

After the training ended, all participants learned and gained a lot of knowledge and experience from our honor speakers and other participants related to Quality Management Systems in Hematology.

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5TH COMMUNITY HEALTH PROJECT ON "PARASITES IN STOOLS AND BACTERIA IN DRINKING WATER" AT KAMPOT PROVINCE



UP's Faculty of Health Sciences and Biotechnology, together with the Associate Degree in Medical Laboratory Technology (MLT) and Bachelor of Science Research (BSR) students organized and successfully conducted the 5th Community Health Project on "Parasites in Stools and Bacteria in Drinking Water" which was held on 26 and 27, May 2023 in Prey Tom village, Prey Khmum commune, Teuk Chhou district, Kampot province.

The main purpose and activities of the 5th Community Health Project were:

1. Health education on Hygiene, Infection, and Stool Collection at Prey Tom Primary School
2. Health education on Hand hygiene, disease prevention, and water sample collection for E. coli bacteria investigation.
3. Stool screening for parasites and Charity Event for 350 students at Prey Tom Primary School.
4. Study Tour to E Che Ngov Heng Food Production CO. of Kampot and Sonja Kills Memorial Hospital.

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

1. University of Puthisastra
2. Mengly J. Quach Education Plc.
3. VMIX Imports Exports Co., Ltd
4. Kuang Hsien Medical Instrument Co., Ltd
5. VS Medical Laboratory
6. Laber Scientific Co., Ltd

The staff and students of the Faculty of Science and Biotechnology, University of Puthisastra, and all children at Prey Tom Primary School would like to thank all the sponsors who supported this 5th Community Health Project and charitable event.

UP MEDICAL STUDENTS AND PHARMACY REWARDED FOR VOLUNTEERING DURING COVID-19

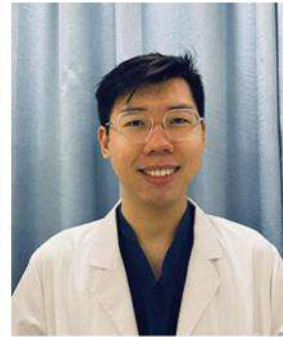
On 21st May 2023, many UP medical and pharmacy students who were among the 1,600 members of TYDA (Samdach Techo Doctor Youth Association) attended the Medal Reward event at Koh Pich. The event was presided by H.E. Hun Manet. The reward included an Appreciation Letter and a Medal for their voluntary work in fighting against Covid-19 during the 2019-2022 pandemic. The students are grateful to the Royal Government of Cambodia under the Leadership of Samdach Prime Minister Hun Sen who implemented a very effective strategy to bring the country out of the pandemic in a short time comparing to other countries.

UP are proud that our students helped the country in such difficult circumstances.



INCREDIBLE JOURNEY - DR. LIM CHUNGSENG'S

JOURNEY FROM THE UP'S FACULTY OF MEDICINE TO ST. JOHN CLINIC, OKLAHOMA, UNITED STATES



Dr. Lim ChungSeng graduated from the University of Puthisastra in 2019 as a first-generation medical student. He has expressed his heartfelt gratitude for the experience he had as a student at UP, which provided him with a very good medical education and nurtured his growth as a healthcare professional.

He recalled his experiences: "During my medical school, I enjoyed participating in medical mission trips; this not only improved my clinical knowledge but also connected me with the outside world and favored relationships with colleagues from other countries. After graduating, I started my residency in Family Medicine at Mercy Medical Center Cambodia in 2020. Throughout my residency, I witnessed the huge impact that family medicine has on individuals, families, and communities. This wide scope of practice allowed me to develop a holistic approach to medicine, emphasizing preventive care, health promotion, and the management of acute and chronic conditions. I not only expanded my clinical knowledge but also improved my compassion to heal the sick and to share the gospel. After my residency, I have had a chance to do a clinical rotation at In His Image Family Medicine Residency Program in the United States for one month. Throughout my clinical rotation,

I encountered patients from diverse backgrounds, each with their own unique stories, struggles, and aspirations. The interactions with these individuals allowed me to witness the power of empathy and compassionate care. I learned that true healing extends beyond the physical ailments; it involves understanding and addressing the emotional, social and cultural factors that influence a patient's well-being. It has been a journey of personal growth, cultural exchange and empathy. I am forever grateful for the challenges, the friendships and the opportunities that have shaped me into the person I am today. I am inspired to advocate for equitable healthcare, to promote patient-centered approaches, and to embrace diversity as a strength within the healthcare field. My journey continues, and I look forward to the adventures that lie ahead!"

UP DENTAL HOSPITAL PRICES TO RISE ON JULY 1st



The UP Dental Hospital is a great option for patients who are looking for affordable dental care. The hospital offers a wide range of top-quality services at very reasonable rates. Patients can be confident that they will receive quality care at the hospital.

Due to inflation, the UP Dental Hospital will be increasing its prices on July 1 2023. The increase will affect most services offered by the hospital. However patients with a "poor card" will still be able to access free basic dental treatment. Patients are encouraged to schedule their appointments ASAP to avoid the higher prices. Get in Quick to Avoid the Price Rise!!

The UP Dental Hospital is open Monday through Saturday from 8:30 AM to 5:00 PM. Patients can schedule appointments by calling on +855 12 414 563.

MD SENIOR STUDENTS WELCOMED MD FOUNDATION YEAR STUDENTS IN “WELCOME JUNIORS PARTY”



On 28th May 2023, UP senior medical students held an event to welcome first-year medical students.

The “Welcome Juniors Party” provided an opportunity for new students to know each other better and a chance for senior students to share their experiences. This joyful event included fun and engaging activities and speakers from different student generations. Elective Programs, Student Engagement, study aids and resources and evidence-base applications were highlighted.

AUSTRALIAN INTERSHIP



Ly Sovannary, year 3 pharmacy student received the opportunity to do an internship in RI Convention in Melbourne project, Australia, through the Rotaract Club of Phnom Penh Central. During the internship, she practiced in community pharmacy, prepared prescribed medications, explained how to use medications to patients, learned how to manage in the pharmacy, and how to administrate the vaccine. In particular, she has developed knowledge of community pharmacies and learned about the differences and similarities of the responsibilities of pharmacists in Australia and Cambodia.

This is a great hands-on experience for her.

UP MEETS WITH THE BINANCE ACADEMIC ORGANIZATION

UP- ICT Team met with Binance Academic Team. Binance is the world's leading blockchain ecosystem & Binance Academy is the first step to learning about blockchain, crypto, and Web3. In term of potential collaboration for the future related to training of the Information Technology topics so that the Faculty of ICT students are able to gain more knowledge with the adaptation perspective to the modern technology and innovation.



PHARMACY STAFF ATTEND 3RD CESCAM CONFERENCE



Three staff members from UP's Faculty of Pharmacy, attended the 3rd Biennial Conference of Comparative Education Society of Cambodia at the CamTech University.

Our staff and students presented three different topics:

- 1st Topic: Knowledge of, Attitude toward and Practice of Ex-Physio Software Among Pharmacy Students at University of Puthisastra: A Pilot Study presented by Mr. Heim Mengkhim
- 2nd Topic: Knowledge, attitude, and practices to Research Among Pharmacy Students at University of Puthisastra: Presented by Mrs. Oeung Sokunvary
- 3rd Topic: The Impact of the 19 Covit Outbreak on Medical Education at the University of Puthisastra: Challenges and Opportunities: Presented by Ms. Sreng Nalen

FACULTY OF DENTISTRY STAFF AND STUDENTS ATTENDED 3RD CESCAM CONFERENCE



Last Thursday, two staff and three year 7 students from the Faculty of Dentistry, attended the 3rd Biennial Conference of Comparative Education Society of Cambodia (CESCam) hosted by CamTech University.

During the afternoon parallel session under the theme “Research culture at health education institutes”, Dr. Horn Rithvitou presented about “What does the thesis contribute to the education of Cambodia’s doctors and dentists?”. His presentation generated a lot of discussion on a very controversial topic.

In another parallel session under the theme “health education”, student Than Vuthy presented his group’s research findings about “Dental students’ perceptions of and experiences in the University of Puthisastra Dental Hospital (UPDH)”.

This study found that the student experience in the UPDH, while being superior to other dental schools, still had its challenges. It was interesting to hear that since the study was conducted, many of the recommended improvements have already been made.

Each presentation was presented well, and generated some good comments from audience. UP’s President Prof. Ian Findlay recommended that the dental student views should be asked each years so that improvements can be identified and made at UPDH

UP WELCOMES DR. CHRISTOPHER JOHN HILLEARY - VOLUNTEER PHARMACIST FROM THE U.S.

We would like to extend our warm greeting and welcome on-board Dr. Christopher John HILLEARY. Dr. Chris is an experienced pharmacist from California, USA. He has been living off and on in Cambodia for almost two decades. He retired in 2011 and then set his sites on living full time in Cambodia. Since 2006, he has been working part-time as a Board of Director trustee Financial Coordinator Officer for the Assistance Fund of Cambodia, a non-profit organization supporting care homes for HIV+ children and other charities in Phnom Penh. From 2007 to 2010, he worked at California Department of Corrections and Rehabilitation (CDCR) as a pharmacist-in-charge. He directed supervision of pharmacists and technicians processing around one thousand prescriptions a day. From 2004 to 2006, he worked as a project coordinator at Pharmaciens Sans Frontieres (PSF). He was responsible for design and implementation of a Child Survival Education Pilot Project focusing on maternal and child health in Steung Treng province in conjunction with the World Health Organization (WHO). Prior to coming to Cambodia, he had many years of work experience relating to pharmaceutical supply chain management, pharmacy business, hospital pharmacy, and so forth.



Dr. Chris is willing to share his knowledge and experiences to help improve UP Pharmacy. UP is very pleased to have him with us. His expertise will be a great help to the UP Pharmacy and its success. We are all happy and excited about his input and contribution to our pharmacy.

PHARMACY STAFF AND STUDENTS PARTICIPATED IN PROJECT SA'BAI 2023



One UP staff member and four pharmacy students participated in the main trip with project Sa'Bai in Cambodia, together with medical students and ICT students from the National University of Singapore (NUS). ICT students went to 4 other areas in Phnom Penh City. The location includes Phum Chres, Chbar Ampov, Toul Kork, and Teuk Thla.

The purpose of the mission is to provide free-of-charge consultation, treatment, dispensed medicine, and health education to Cambodian people who seek medical treatment. Not only provide medical treatment but also good cooperation between UP students and NUS students. That was such a great opportunity to meet each other.

UP DENTAL STUDENTS DEMONSTRATE THEIR HANDIWORK



These photos show the work of dental student Samon Makara in the UP Dental Hospital. Our students are capable of providing high quality aesthetic dentistry using latest techniques and materials. Please contact our receptionist for an appointment.

UP PHARMACY GO TO KHON KAEN UNIVERSITY, THAILAND



UP Pharmacy students had been doing exchange program in Khon Kaen University, Thailand in the field of Community Pharmacy under supervisor of Associated Professor Dr. Sunee Lertsinudom.

One student mentioned that "During my 1-month internship at KKU Drugstore, I have acquired both soft and hard skills. It was the very first time for me to be away from home for such a long period of time, but it was all worth it. As for soft skills, I have learned how to communicate better, even with language barriers as my main concern. For hard skills, it really opened my eyes to see how the pharmacy operates. The consultation step, the diagnosis, and the inventory management—although there was not much of a difference between Cambodian and Thai pharmacies, it was still such an incredible experience". This exchange program really brought me out of my comfort zone, but nevertheless, I am still thankful for the school for providing such an amazing opportunity and grateful for KKU for giving us all such a warm welcome".

Another student said "Hello, my name is Sin Chanpheak, I am really happy to share my experience during my one-month internship at Khon Kaen University in Research and Development. It was a great experience that I had the opportunity to study outside, it really gave me a lot of knowledge, both communication, culture and living on my own. During that one month I did research related to free radical scavenging activity of difference parts of *Oroxylum indicum*. Based on the study I presented above, I researched on 3 parts (root, seed, pod) According to my research on SOD method, I found that in the pod part there is a lot of antioxidant activity. I would like to thank the University of Khon Kaen for giving me this opportunity and thank you to the teachers and senior students who taught and cared for me during my one-month study."

UP'S PHARMACY STARTS ITS FIRST TRIAL OF PLANT TISSUE CULTURE TECHNIQUE.



Plant tissue culture is aseptic cultivation of cells, tissues, organs, and their constituent parts in vitro under predetermined physical and chemical conditions. The goal of establishing this plant tissue culture since it is one of the techniques that has the potential for low-cost production, enhancement of active components' production, fast multiplication, and conservation of rare and endangered plant species. Additionally, large-scale plant cell culture in a bioreactor is being developed in order to produce useful compounds such as recombinant proteins used in biopharmaceuticals and secondary metabolites produced from plants. This method can harvest the plant quickly and for a larger yield in order to determine its bioactive compounds and antioxidant activities using via UP's spectrophotometry or HPLC (High-performance liquid chromatography) for further pharmaceutical product development.

One pharmacy student received training in plant tissue culture laboratory abroad and helped assist in the installation of this plant tissue culture laboratory with pharmacy's lecturer in UP and other volunteer students. Together they have cultured four different plants, i.e., *Bryophyllum pinnatum* (Lam.) Kurz, *Justicia gendarusa* Burm f., *Cissus quadrangularis*, and *Drosera capensis*. This trial was very successful plant production in the culture media with no contamination. This great result brings promotes pharmacy's development of good technique and operation for further installation of plant tissue culture laboratory in the very near future.

UP EXTENDS A WARM WELCOME TO DENRICHE



Last week Ms Ai Yamazaki from Denriche Asia visited Cambodia with several Japanese dentists as part of our ongoing collaboration to help develop young dentists in Cambodia. Dr Mori and Dr Kamimura who have visited before spent time observing in the UPDH, while Dr Kohji Nagata also gave a lecture on implantology to a large group of senior dental students and some staff. Dr Nagata is a lecturer at Tokyo Medical and Dental College. He is a specialist in prosthodontics, and also a Diplomate for the International Team of Implantologists (ITI) in Japan. Dr Nagata gave a very interesting lecture and hopes to return later in the year.

During this visit, Ms Ai helped 3 students and Dr Heng Rithi obtain their visas for their upcoming exchange program to Japan sponsored by Denriche. We are very grateful for their ongoing support, which also provides funds so that we can provide basic dental care for the poor in our UP Dental Hospital.

UP DENTAL LAB UPGRADES



Recently the dental lab has undergone several renovations. Firstly, 3 long lab benches have been installed to provide more space for students to work. Thanks to the Admin Team for building these very nice benches.

Secondly, the equipment technicians from Unident have been busy repairing the SIM lab dental units so that students in year 3 and year 5 can commence their cavity preparations and crown preparations on mannequins. We are looking forward to the lab being fully functional this week. UP has also signed a one-year maintenance contract with Unident to check and maintain our hospital and dental lab equipment several times a year.

MEETING WITH OXYGEN COLLABORATION MEDIA ORGANIZATION

UP-Faculty of ICT met with the CEO of the Oxygen Media Organization for the cooperation of the internship opportunities for the UP students during their academic years and train them to be ready for their future career paths after they graduate.



UP FACULTY OF DENTISTRY CONTRIBUTES TO APDSA CONFERENCE



Five UP dental lecturers were invited to speak at the Asia Pacific Dental Student Association (APDSA) conference at the Phnom Penh Hotel under the theme "Peak of Dentistry".

Dr. Horn Rithvitou gave a lecture and also conducted a hands-on workshop on "simplified methods for esthetic posterior restorations". Dr. Chey Sochenda and Dr. Chea Vitou, UP clinical tutors, spoke on "Aesthetic Composite Restorations on the Anterior Teeth". Dr. Lim Ratanak who is currently studying for a Postgraduate Diploma in Endodontics at UP gave a lecture entitled "Common mistakes and errors that affect endodontic treatment", and Dr. Sam Sovatdy (Head of Oral Surgery at UP) spoke on "Oral Surgery: How to make it safe". Over 200 dental students from all dental schools in Cambodia joined the conference.

The conference was a big success and the UP lecturers were happy to contribute. In addition, students Im Puthisa and Soun Pichchansotha (supervised by Dr Horn Rithvitou) entered the Poster competition representing UP. They presented about the influence of dental students' proficiency in English on their academic performance.

UP FACULTY OF DENTISTRY FAREWELLS SERENE CHA



For the past 3 weeks UP and CIPO have been fortunate to have Ms Serene Cha with us as a volunteer. Serene is from the US and is completing her degree in Public Health at University of Texas at Austin. She has volunteered with NGOs in Cambodia several times in the past, but on the recommendation of Dr Chris Park (UP former clinical tutor), she wanted to come to spend time at UP. Serene hopes to enter dental school in the US on completion of her bachelor degree. She is already a qualified dental assistant.

During Serene's stay she was working on two main projects. Firstly, in the UP Dental Hospital, she spent time observing, and helping to update some of our cross infection control guidelines, by making several easy to use check-lists. Secondly, with our community outreach program (CIPO), she spend a lot of time in the field with the CIPO

team and our UP dental students, observing how everything worked, and focusing on the cross infection control routines. Serene worked with Dr Tida (CIPO coordinator) to put together some appropriate check-lists which we hope can be adopted for use in the future.

We are very grateful for Serene's willingness to help us over the past few weeks, and wish her well as she returns to the US to continue her studies. Come back soon!

SOMALY SOUN SHARES HER EXPERIENCE AS A BUSINESS MANAGEMENT INTERN IN THE FACULTY OF DENTISTRY



Somaly Soun is a Final-year dental student at UP. She always knew that she wanted to be a dentist, but she also wanted to learn more about business management. She saw an opportunity to do so through an internship program at the faculty.

"I was really excited about the opportunity to learn more about business management," said Somaly. "I knew that it would be helpful in my future career as a dentist."

Somaly's internship was with the faculty's business development manager, Dr. Bhavna. She expressed that her internship has helped her to develop her leadership skills, time management skills, and communication skills. Part of this involved helping plan and run the big SEAADE dental conference in Siem Reap last November.

"I learned so much during my internship," said Soun. "I learned how to plan and execute events, and how to manage a team. I would encourage other dental students to consider a business management internship. It is a great way to learn new skills and gain valuable experience."

If you are a dental student who is interested in learning more about business management, we encourage you to consider an internship with the Faculty of Dentistry.

Please send your CV to bnahata@puthisastra.edu.kh or jobs@puthisastra.edu.kh.

You will learn a lot and gain valuable experience that will help you in your future career.

UP JOINS ORTHODONTIC CONFERENCE IN MALAYSIA



In the last week of May, 2023, Prof. Anand Marya, the UP Head of Orthodontics, joined an International Orthodontic Conference in Malaysia. The conference was organized by Dr. Ari Harsoputranto, the founder of Orthosociety, and featured well-known speakers such as Dr. Chris Chang from Taiwan and Dr. Bilal Koleilat from Lebanon. Prof. Anand conducted a hands-on workshop and lecture on the importance of wire-bending in helping achieve a good finish during fixed orthodontic treatment. The conference was well attended, with approximately 200 registrations, and had outstanding participation from Cambodia, with 16 local dentists attending the conference as participants. During the meeting Prof Anand was elected as the new President of the Orthosociety, and UP colleague Dr Horn Sereybot was appointed as Section Chair for Cambodia.

The International Conference was spread over 3 days at Pullman Hotel in Kuala Lumpur with wide-ranging topics in the field of Orthodontics, such as clear aligners, mini-screws, wire bending, and passive self-ligation. The conference was a massive success in terms of participation, and all the speakers were very well received. The next conference is most likely to be held at Siem Reap, Cambodia, in the year 2024 and is expected to feature many well-known speakers again.

UP RECEIVES TOP OF THE RANGE CURING LIGHT FROM IVOCCLAR VIVADENT



Last week UP and CIPO welcomed Dr Philipp Schneider from Switzerland for a visit to monitor the community outreach program that Ivoclar Vivadent, a large international dental company, is supporting. During his visit, Dr Philipp donated a brand-new curing light for our hospital. This curing light is one of the most expensive available, and can cure most composites in only 10 seconds. It will be used mainly by our postgraduate students and residents.

Dr Philipp also gave a dental materials lecture to year 3 students - focusing on Cention N - a versatile low-cost aesthetic filling material that has biomimetic properties and releases fluoride. We are using Cention

N in our clinic so it was very good to have this lecture. Dr Philipp spent most of his time in the field with Dr Tida and her CIPO team, along with 10 of our final year dental students.

We look forward to Dr Philipp's next visit.

UP FINAL YEAR DENTAL STUDENTS JOIN CIPO FOR KAMPONG SPEU OUTREACH



Last week UPs CIPO team and 10 students from year 7 provided level 2 and 3 treatments in a district of Kampong Speu province under the NGO called Khmer Association for Development (KAD).

Dr. Phillip Schneider from Ivoclar Vivadent joined the trip to observe and monitor the activities.

Dr. Tida and the CIPO team also spent time training teachers of children in Levels 1 to 5 about oral health and how to conduct toothbrushing drills and apply silver diamine fluoride, so that in the future they have the ability to do Level 1 activities by themselves, with support from our team to deliver Healthy Kids Cambodia Levels 2 and 3.

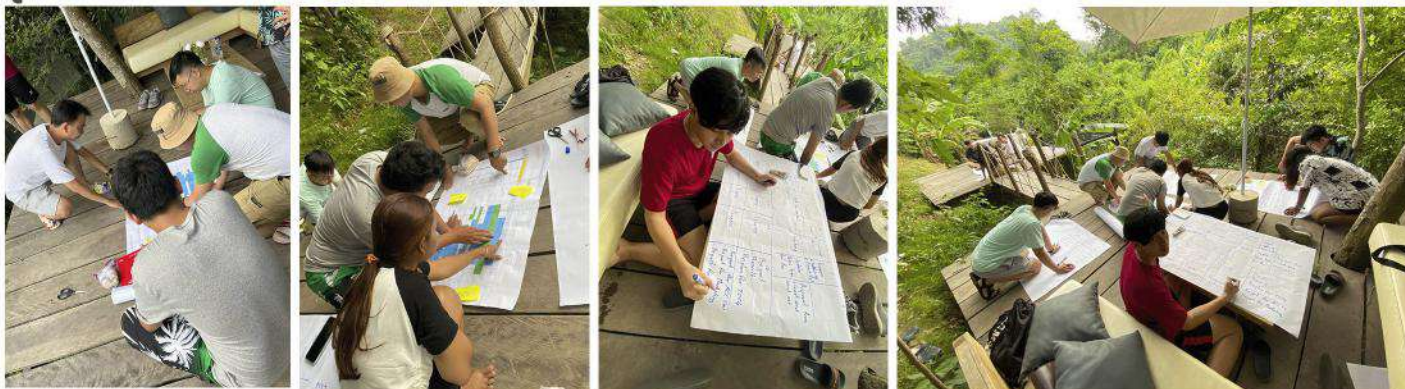
During the week the team completed Level 2 activities on 281 children and Level 3 activities on 37 children. The oral health of some children was very poor. This outreach was supported by Ivoclar Vivadent. Thanks to our hosts at KAD for providing accommodation and food for the visitors.

UP'S IT DEPT MEETS ABOVE AND BEYOND ORGANIZATION



UP's dept of ICT had a fruitful meeting with the Above and Beyond schools which the aim is to help people who work in schools and those who support them to connect and show what they do best. UP and Above and Beyond school look forward to future collaboration especially for ICT between the University of Puthisastra and Above and Beyond School for the better learning opportunities for students.

QLTS AND MARKETING DEPARTMENT STRATEGIC PLANNING TRIP AT KEP



UP's QLTS (Quality, Learning Teaching and Students) and Marketing Departments recently organized a team building activity for their staff members in Kampot and Kep province. The aim of this initiative was to promote collaboration and teamwork, enhancing their job satisfaction and increase productivity. The strategy planning session generated very fruitful discussions and outcomes, which are expected to reflect on the department's performance and achievements.

During the team building activity, the employees engaged in various team-building games and activities, such as group puzzles, team challenges, and problem-solving simulations. These activities allowed the staff members to interact and work with each other in a different setting, exploring new ways of communication, problem-solving, and decision-making.

The highlight of the team building activity was the strategy planning session, where the staff discussed and proposed ideas on how to improve each department's performance. The participants identified several areas of improvement, such as enhancing the online presence of the department, increasing student engagement and satisfaction, and offering more career development opportunities for students. Furthermore, the staff members brainstormed on how to promote the department's services to potential students and stakeholders in the community. The session resulted in a comprehensive strategy plan that outlines action steps, timelines, and responsible parties, to ensure its successful implementation.

The QLTS and Marketing Department has set an excellent example of fruitful discussion and outcomes through their team building activity in Kampot and Kep province. The department's employees are expected to benefit from the enhanced teamwork and collaboration, which will positively contribute to the department's performance and success of the University of Puthisastra.

CHILDREN IN PHNOM PENH HAVE HIGH EXPOSURE TO SUGARY DRINKS AND SNACKS



On the 23th of May the Faculty of Dentistry hosted a Thesis defense for batch 3 students on the topic of "Advertising of sugary foods and drinks around primary schools in Phnom Penh" under the supervision of Prof. Callum DURWARD. Thesis Examiners included: Chair - Prof. CHEA Sin and Examiners Dr. TORT Borany, Dr. CHHE Phearom, Dr. YOS Chantho. The students passed with credit. Congratulations and thank you for bringing this important topic to our attention.

Abstract

Introduction: The promotion of unhealthy foods and drinks to children has been identified as having a role in the global rise in overweight, obesity, and non-communicable diseases (NCDs). It is also a major risk factor for dental caries. Little is known about junk food marketing to children in Cambodia.

Aim: To describe the number and types of outdoor food and drink advertisements in the areas surrounding selected primary schools in Phnom Penh.

Methods: This study was a cross-sectional observational study. Twenty primary schools in Phnom Penh were randomly selected from the list of primary schools obtained from the Ministry of Education, Youth and Sport. At each school, an area covering a 300m radius from the center of each school (outside the school boundary) was surveyed and the size and type of food and drink advertisements were recorded. The data collected were analyzed descriptively.

Results: Data on advertising around 20 schools were collected. 23.6% of the advertisements were signs, 23% shop fronts, 18% umbrellas, 18% banners, and 16% mobile food/drink carts. The mean size was 4.8m². There were between 4 and 27 advertisements around each school (mean 9.5). There were significantly more advertisements around higher SES schools compared with lower SES schools. One-third of advertisements were within 10m of the school boundary, 13.5% between 10.0 and 19.9m, and 37.4% between 20.0 and 49.9m. Almost one-third of advertisements were for soft drinks (including sports and energy drinks). Overall sweet drinks accounted for 71.5% of the products advertised; snacks accounted for 17.2% and candy 9.2%.

Conclusion: Primary schools in Phnom Penh are surrounded by advertisements for unhealthy foods and drinks. These advertisements may be influencing children to consume SSBs and junk foods which could contribute to poor oral health and poor general health. Authorities should consider policies to limit the harm caused by such advertisements.

TRAINING ON HIGHER EDUCATION MANAGEMENT INFORMATION SYSTEM (HEMIS)



On June 24, 2023, the Department of Higher Education of the Ministry of Education, Youth and Sports (MoEYS) conducted a training session titled "A Higher Education Management Information System (HEMIS) in Cambodia" at the University of Puthisastra.

The training was well-attended, with Mr. Kak Rachna, Deputy Head of the Department of Higher Education of the MOEYS, with five other representatives. UP's departments including QLTS, Registrar, IT, HR, Finance, and Research participated in the training.

The primary objective of the training was to provide UP's working group with an opportunity to update the current status of data collection and gain a clearer understanding of the indicators and relevant requirements for enhancing the process's efficiency and effectiveness.

The Higher Education Management Information System (HEMIS) serves as a centralized data repository where universities in Cambodia can store their data independently from their internal storage systems. Furthermore, HEMIS plays a crucial role in verifying data accuracy and ensuring that each university is well-prepared before applying for any quality assurance measures.