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## Programme

At His Majesty the King's royal command,  
Her Royal Highness Princess Maha Chakri Sirindhorn will preside over Chulalongkorn  
University's graduation ceremony for the academic year 2017  
at Chulalongkorn University Auditorium

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### Thursday, October 4, 2018

9.00 a.m. Her Royal Highness Princess Maha Chakri Sirindhorn arrives at the University auditorium in the royal vehicle (the Royal Anthem is played)

: she is greeted upon her arrival by the Chairperson of the University Council and the President of Chulalongkorn University

: representatives of the graduates present and representative of the students (a male and a female) floral garlands to the Princess

: a representative of the graduates presents the Programme to the Princess

: Members of the University Council, Vice Presidents, Deans, Directors and Assistants to the President await the arrival of the Princess in the Reception Room on the first floor of the auditorium

: Her Royal Highness Princess Maha Chakri Sirindhorn enters the Reception Room on the first floor

: signs the University guest-book and the graduates book

: proceeds to the Reception Room on the second floor to put on her academic gown

: leaves the Reception Room on the second floor

: enters the auditorium (the Royal Anthem is played)

: lights the incense sticks and candles in the altar-set as a gesture of respect to the Triple Gems

: pays respects at the altar

: proceeds to be seated

: The Chairperson of the University Council presents a report and expresses appreciation for the royal presence at the Graduation Ceremony

: The President of Chulalongkorn University delivers a report on the University's activities during the year 2017 and introduces the Deans of the Faculty of Engineering, Pharmacy and Dentistry and they request that the graduates be presented with Doctoral, Master's and Bachelor's degrees and be presented with degree certificates (1,361 graduates in total)

: Her Royal Highness Princess Maha Chakri Sirindhorn presents the degree certificates to the graduates

(Buddhist monks chant a blessing)

: leaves the main hall and goes to the Reception Room on the second floor for a short break (approximately 10 minutes)

: leaves the Reception Room on the second floor to return to the main hall

: resumes her seat

: The Deans of the Faculty of Sports Science, College of Public Health Sciences, the Petroleum and Petrochemical College, the College of Population Studies and the Faculty of Commerce and

Accountancy request that the graduates be presented with Doctoral degree, Master's degree and Bachelor's degree certificates (999 graduates in total)

: Her Royal Highness Princess Maha Chakri Sirindhorn presents the degree certificates to the graduates

(Buddhist monks chant a blessing)

: the graduates take their oath

: Her Royal Highness Princess Maha Chakri Sirindhorn delivers a speech (concludes with the graduates singing the Royal Anthem)

: pays respects at the altar

: proceeds to remove her academic gown in the Reception Room on the second floor

: leaves the Reception Room on the second floor

: proceeds to Maha Chulalongkorn Building by car

: arrives at Maha Chulalongkorn Building

: enters the main foyer

: places floral garlands in front of the portraits of King Chulalongkorn and King Vajiravudh

: pays respect at the royal portraits

: has a break in Room 112

: proceeds to Room 111

: is seated at the dining table

Her Royal Highness then returns to the auditorium by car

### **2.00 p.m. Arrives at the auditorium (the Royal Anthem is played)**

: The Chairperson of the University Council and the President greet the Princess upon her arrival

: representatives of the graduates (a male and a female) and representatives of the students (a male and a female) present floral garlands to the Princess

: Members of the University Council, Vice Presidents, Deans, Directors and Assistants to the President await the arrival of the Princess in the Reception Room on the first floor

: the Princess puts on her academic gown in the Reception Room on the second floor

: leaves the Reception Room on the second floor for the main hall (the Royal Anthem is played)

: lights the incense sticks and the candles in the altar-set as a gesture of respect to the Triple Gems

: pays respects at the altar

: proceeds to be seated

: the President requests that the recipients of Doctoral degrees (Honoris Causa), the honorary certificates for Professor Emeritus and honorary certificates for distinguished research under His Majesty the King's Silver Jubilee Fund for the academic year 2017 be presented with their certificates (altogether 35 recipients)

The Princess presents the Doctoral degree certificates (Honoris Causa) and the honorary certificates to the recipients

(Buddhist monks chant a blessing)

- : the Deans of the Faculty of Education, School of Agricultural Resources and the Faculty of Architecture, request that the graduates be conferred with Doctoral, Master's and Bachelor's degrees and be presented with the degree certificates (1,081 graduates in total)
- : the Princess confers the degree certificates on the graduates  
(Buddhist monks chant a blessing)
- : she leaves the main hall for a break in the Reception Room on the second floor (approximately 10 minutes)
- : leaves the Reception Room on the second floor to return to the main hall and to be seated in the same place
- : the Deans of the Faculty of Law, Medicine and the Faculty of Science request that the graduates be presented with Doctoral and Master's degrees, Advanced Graduate Certificates, Graduate Certificates and Bachelor's degrees (to be conferred on 1,210 graduates in total)
- : the Princess presents the degree certificates to the graduates  
(Buddhist monks chant a blessing)
- : the graduates take their oath
- : the Princess delivers a speech (the graduates sing the Royal Anthem at the conclusion of the speech)
- : the Princess pays respect at the altar
- : leaves the main hall for a break in the Reception Room on the second floor (approximately 10 minutes)
- : leaves the Reception Room on the second floor to proceed to the Reception Room on the first floor of the auditorium
- : a group photo is taken with the recipients of Doctoral degrees (Honoris Causa), the Professors Emeritus, Members of the University Council, University administrators and the Deans/Directors of the Institutes (5 sets)
- : a reception is held in honour of the recipients of Doctoral Degrees (Honoris Causa) and the recipients of honorary certificates for Professor Emeritus
- : The Princess removes the academic gown in the Reception Room on the second floor
- : leaves the Reception Room on the second floor
- : departs by car (the Royal Anthem is played)

### **Friday, October 5, 2018**

- 9.00 a.m. Her Royal Highness Princess Maha Chakri Sirindhorn arrives at the University auditorium in the royal vehicle (the Royal Anthem is played)
- : she is greeted upon her arrival by the Chair of the University Council and the President of Chulalongkorn University
- : representatives (a male and a female) of the graduates and representatives of the students (a male and a female) present floral garlands to the Princess
- : Members of the University Council, Vice Presidents, Deans, Directors and Assistants to the President await the arrival of the Princess in the Reception Room on the first floor of the auditorium

- : Her Royal Highness Princess Maha Sirindhorn enters the Reception Room on the first floor
- : proceeds to the Reception Room on the second floor to put on her academic gown
- : leaves the Reception Room on the second floor
- : enters the auditorium (the Royal Anthem is played)
- : Lights the incense sticks and candles in the altar-set as a gesture of respect to the Triple Gems
- : pays respects at her altar
- : proceeds to be seated
- : The President of Chulalongkorn University introduces the Deans of the Faculty of Science and the Faculty of Arts and they request that the graduates be presented with Doctoral, Master's and Bachelor's degrees and be presented with degree certificates (1,128 graduates in total)
- : Her Royal Highness Princess Maha Chakri Sirindhorn presents the degree certificates to the graduates  
(Buddhist monks chant a blessing)
- : leaves the main hall and goes to the Reception Room on the second floor for a break (approximately 10 minutes)
- : leaves the Reception Room on the second floor to return to the main hall
- : resumes her seat
- : The Deans of the Faculty of Political Science, Communication Arts, Allied Sciences, Nursing and the Dean of the Graduate School request that the graduates be presented with Doctoral degree, Master's degree and Bachelor's degree certificates (1,268 graduates in total)
- : Her Royal Highness Princess Maha Chakri Sirindhorn presents the degree certificates to the graduates  
(Buddhist monks chant a blessing)
- : the graduates take their oath
- : Her Royal Highness Princess Maha Chakri Sirindhorn delivers a speech (concludes with the graduates singing the Royal Anthem)
- : the Princess pays respect at the altar
- : proceeds to remove her academic gown in the Reception Room on the second floor
- : leaves the Reception Room on the second floor
- : proceeds to the Maha Chulalongkorn Building by car
- : arrives at the Maha Chulalongkorn Building
- : enters the main foyer
- : places floral garlands in front of the portraits of King Chulalongkorn and King Vajiravudh
- : pays respects at the royal portraits
- : has a break in Room 112
- : proceeds to Room 111
- : is seated at the dining table
- : has lunch
- : leaves the auditorium

: departs by car  
(the Royal Anthem is played)

**2.00 p.m. Arrives at the auditorium (the Royal Anthem is played)**

: The Chairperson of the University Council and the President greet the Princess upon her arrival  
 : representatives of the graduates (a male and a female) and representatives of the students (a male and a female) present floral garlands to the Princess  
 : Members of the University Council, Vice Presidents, Deans, Directors and Assistants to the President await the arrival of the Princess in the Reception Room on the first floor  
 : the Princess puts on her academic gown in the Reception Room on the second floor  
 : leaves the Reception Room on the second floor for the main hall (the Royal Anthem is played)  
 : lights the incense sticks and the candles in the altar-set as a gesture of respect to the Triple Gems  
 : pays respects at the altar  
 : proceeds to be seated  
 : the President introduces the Deans of the Faculty of Commerce and Accountancy, Fine and Applied Arts, Economics and they request that the graduates be presented with Doctoral, Master's and Bachelor's degrees (1,316 graduates in total)  
 : the Princess confers the degree certificates to the graduates  
 (Buddhist monks chant a blessing)  
 : she leaves the main hall for a break in the Reception Room on the second floor (approximately 10 minutes)  
 : leaves the Reception Room on the second floor to return to the main hall and to be seated in the same place  
 : the Deans of the Faculty of Veterinary Science, Psychology and the Director of the Sasin School of Management, the Faculty of Engineering and the Director of the Police Nursing College request that the graduates be presented with Doctoral, Master's and Bachelor's degrees (1,004 graduates in total)  
 : the Princess presents the degree certificates to the graduates (Buddhist monks chant a blessing)  
 : The Vice President for Student Affairs requests that the graduates with diplomas, the recipients of medals in the undergraduate programmes, those who are recipients of grants and the King Bhumibol Scholarships be presented with these diplomas, medals, grants and scholarships (a total of 138 recipients)  
 : The Princess presents diplomas, medals, grants and the King Bhumibol Scholarships to the recipients  
 (Buddhist monks chant a blessing)  
 : The graduates take their oath  
 : The Princess delivers a speech (the graduates sing the Royal Anthem in conclusion of the speech)  
 : she pays respects at the altar  
 : proceeds to remove the academic gown in the Reception Room on the second floor

: Leaves the Reception Room on the second floor  
: departs by car (the Royal Anthem is played)

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**Dress code: Regular white uniform**

Revised programme September 4, 2018

Statement of gratitude by  
Chairperson of the Chulalongkorn University Council  
Professor Emeritus Dr. Pirom Kamolratanakul  
Thursday October 4, 2018  
at Chulalongkorn University Auditorium

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Your Royal Highness,

On the occasion that His Majesty King Maha Vajiralongkorn Bodindradebayavarangkun has graciously deemed that Your Royal Highness represent His Majesty the King in attending and presiding over Chulalongkorn University's commencement ceremony to bestow upon the graduates who have completed their studies from this university in the 2017 academic year being held today, a most auspicious event for this institution and a gesture by which all members of the University Council, administrators, personnel and students are filled with profound gratitude.

With your kind permission may I now call upon Professor Dr. Bundhit Eua-arporn, President of Chulalongkorn University to present a report on matters related to the University for the 2017 academic year.

May it please Your Royal Highness



A report on University matters for the 2017 academic year  
by Prof. Dr. Bundhit Eua-arporn, President of Chulalongkorn University,  
Thursday October 4, 2018 (morning session)  
at the Main Auditorium, Chulalongkorn University

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Your Royal Highness,

With your kind and gracious permission may I take this opportunity to present a report on Chulalongkorn University's performance matters for the 2017 academic year classified according to the 4 missions – producing graduates, research, development and innovation, rendering of academic services and preserving the arts and culture.

**Chulalongkorn University's Performance in terms of Producing Graduates**

The 2017 academic year saw a total of 9,996 new enrolments, 6,397 of whom are undergraduates and 3,599 at the graduate level. The total number of students is 37,046 of which 25,368 (68.5%) are undergraduates and 11,678 (31.5%) are graduates. As a whole the numbers are very close to the previous year.

At present the University offers a total of 448 degree programs, of which 93 programs are international or English programs. There are altogether 72 undergraduate level programs and 376 graduate programs and 215 of them are Master's programs. In this academic year the University has made it a policy requiring all of its sectors to improve their curricula in accordance with the Office of the Higher Education Commission's Standard Criteria of University Curricula B.E. 2558 done concurrently for all programs. It has also developed a program to develop the quality of education aiming for excellence in accordance with Chulalongkorn University's EdPEX standards to ensure the enhancement of the quality and potentials of each sector.

In terms of Student Affairs, the University has implemented policies for student development to ensure that each student attains self-development by improving their potentials in accordance with their abilities so as to prepare themselves to be able to serve society as vital human resources. Support is therefore provided in terms of academic needs, student welfare as well as in promoting all types of activities.

Specifically, in terms of scholarship support and assistance, provisions have been made for needy students who can avail of 1,601 welfare scholarships worth 45.17 million baht and about 3.15 million baht in scholarships for students who have brought fame to the university and 415 have applied for student loans worth a total of 20.43 million baht. At the graduate level, 16 types of scholarships are available for students to respond to the needs in terms of education, research, student presentations and theses writing. As many as 1,031 of our students have benefited from

exchange programs and travelled abroad to present their research works whereas 1,274 foreign students have come to Chulalongkorn University for the purpose of studying, conducting research and availing of practical training. Moreover, we take pride in the fact that our students have brought fame to the University and are exemplary in their efforts earning as many as 758 awards for their various endeavors.

### **Performance in research, development and innovation**

The University targets the creation of excellence in research matters and aims to create knowledge and academic innovation by establishing the strategy of “Creativity, knowledge and innovation” with emphasis on research and academic works that provide guidance and help drive the Thai and global communities as the basis of creating a sustainable and creative economy.

In 2017 the University has had as many as 1,919 research projects, most of which fall under the physical and biological sciences group that received research funding totaling 2,262.27 million baht. 74.19% of this budget derives from external funding and 18.38% from the University budget with an additional 7.43% supported by the national budget. The University has provided its support in all ways possible to improve research potentials. Collaboration with the industrial sector has resulted in research with particular emphasis on innovations that respond to the needs of society and contribute in significant ways towards propelling Thailand forward.

The University has seen a large number of research works widely published in international journals 1,789 of which were published in the ISI (Web of Knowledge) data base and 2,150 recorded in SCOPUS. The quality of our research works is reflected by the fact that Chulalongkorn University’s personnel and research projects have received continued national and international recognition. This year our personnel both with lecturers and researchers have been recipients of a total number of 62 awards, 37 at the international level. Of these 37 awarded research projects, 3 fall under the individual category and 34 for research works. At the national level we have earned as many as 25 awards, 15 for individuals and 10 for research works.

### **Performance in Academic Services**

The University continues to provide academic services that cover all areas of subjects that the University has to offer whether it be in training courses, conferences, seminars, analytical services, testing, examining, consultations and knowledge assessment as well as medical services. In the past year there have been a total of 4,468 projects with 142,575 situations serving as many as 4,956,551 individuals or agencies.

The University also organizes academic services in the form of multi-media with television programs, press conferences, seminars and conferences or academic activities that provide relevant information on various occasions. These activities present topics that are the focus of inquiry or

interest or pertaining to issues of public policy to benefit the general public and provide possible alternatives to the government sector and relevant agencies.

Another form of academic service is rendered by 23 of the University's specialized museums. We also feature 9 agencies that provide health services to the general public serving both human and animal patients in need.

### **Performance on Conservation of the Arts and Culture**

The University has seriously and continuously upheld the task of conserving our cultural and artistic heritage by promoting the creation of knowledge needed for the development of academic projects related to the arts and culture, religion, customs and traditions. It has lent support to activities related to museums, galleries, Thai musical libraries and memorial halls.

Events have been organized to commemorate important religious days and dharma lectures as well as the hosting of the Chulalongkorn University Symphony Orchestra under the royal patronage of H.R.H. Princess Galyani Vadhana Krom Luang Naradhiwas Rajanagarindra. In addition, performances of dance and music and other art forms are featured consistently throughout the year.

In sum, 2017 saw as many as 578 projects/activities aimed at conserving, developing and promoting artistic and cultural identity a total of 1,352 occasions that attracted 287,955 participants.

This year we have also seen the publication of books and other publications of interest for example *Chula Charuek* – a compilation of historical photographs of the University and *Bunya Barami Phae Pok Pasok Chula*. It has also launched a special video series entitled “*Nua Klao Chao Chula*” to express gratitude for the royal patronage Chulalongkorn University has received.

Worth mentioning here are some examples of the interesting programs that have been featured this year – a piano soloing of Thai classical music by Prof. Dr. Natcha Phanchaen, “*Kita Racha*” a symphony orchestra performance composed by Prof. Dr. Narongrit Dhamabuttra as a tribute to the Late King Bhumibol Adulyadej with additional songs composed by Chulalongkorn University alumni, an art exhibition by administrators, teaching personnel, alumni and students of the Chulalongkorn University Demonstration School, an exhibition to commemorate the University's centenary celebrations and an art exhibition of drawings by renowned architects led by Associate Professor Dr.Visa Sachkul, Nithi Stapitanonda and Kongsak Chulamorakot.

Chulalongkorn University continues to receive international recognition and this year we have earned the recognition from the rankings we have received from various sources such as

QS World University Rankings 2017-2018 which placed Chulalongkorn University at the helm of number 1 in Thailand, 50<sup>th</sup> in Asia and 245<sup>th</sup> in the world – an improvement from last year where we ranked 252<sup>nd</sup>. At the Asian regional level, we pride ourselves for being the only

University from Thailand to be placed within the 50 QS Graduate Employability Rankings for 2017. The University is placed highest in Thailand by a global university ranking organization in terms of the quality of its graduates from the employers' perspectives.

For the 2017 academic year there are a total of 9,649 graduates comprising 425 at the doctoral level, 3,049 master's degree level, 294 diploma and higher diploma level, 5,708 degree level and 173 associate degree level.

May I now call upon Your Royal Highness to kindly confer to our graduates the degrees they have earned of which the names will be announced accordingly by the deans. May we also request that a speech be given to ensure that good fortune and prosperity may forever dwell upon Chulaongkorn University's graduates.

May it please Your Royal Highness

President of Chulalongkorn University

Professor Dr. Bundhit Eua-arporn

Calling upon recipients of doctorate degrees (*honoris causa*),

Recipients of emeritus professorship

And certification for outstanding research works in the Ratchadapisek Sompot Fund

For the 2017 academic year

Thursday October 4, 2018 (afternoon session)

at Chulalongkorn University Auditorium

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Your Royal Highness,

On the occasion that His Majesty King Maha Vajiralongkorn Bodindradebayavarangkun has graciously deemed that Your Royal Highness represent His Majesty the King in attending Chulalongkorn University's commencement ceremony to bestow upon the graduates who have completed their studies from the various faculties of this university this morning and once again this afternoon, the kindest and most gracious gesture that I, on behalf of Chulalongkorn University, am immensely grateful for.

For the 2016 academic year the University Council of Chulalongkorn University at its 816<sup>th</sup> meeting on June 28, 2018 has unanimously resolved that doctorate degrees (*honoris causa*) be granted to highly qualified individuals with outstanding academic achievements in various areas who have dedicated themselves continuously for the betterment of academe, the University and the nation and therefore deserve to be honoured and whose actions should be emulated.

With your gracious permission may I now call upon all recipients to be conferred with their honorary degrees, as follows:

**Honorary doctorate degree in Dentistry**

Associate Professor Vasana Patanapiradej

**Honorary doctorate degree in Law**

Professor Emeritus Dr. Borwornsak Uwanno

**Honorary doctorate degree in Business Management**

Mr. Vanus Taepaisitphongse

**Honorary doctorate degree in Medicine**

Associate Professor Prida Tasanapradit, M.D.

**Honorary Degree in Pharmaceutical Science**

Pharmacist Sorada Wangmethikul

**Honorary Degree in Sciences**

Associate Professor Nittharatana Phavasit

**Honorary Degree in Engineering**

Mr. Thewin Wongwanich

**Honorary Degree in Liberal Arts**

Associate Professor Dr. Napaporn Chayovan

**Honorary doctorate degree in Business Management**

Mr. Chartsiri Sophonpanich

Those being bestowed with the title of Professor Emeritus are highly knowledgeable and qualified individuals with outstanding expertise in the subjects that they teach that contribute in significant ways towards the advancement of quality of education offered by the University and therefore are truly deserving of the honour being bestowed, henceforth, upon them. For the 2017 academic year those being appointed as Professor Emeritus are:

**Faculty of Education**

Professor Dr. Chanita Rukspollmuang

Professor Achara Chewapun

**Faculty of Communication Arts**

Professor Dr. Yubol Benjarongkij

**Faculty of Medicine**

Professor Kriang Tungsanga, M.D.

**Faculty of Political Science**

Professor Dr. Anusorn Limmanee

For the recipients of distinguished research under His Majesty the King's Silver Jubilee Fund for the academic year 2017 the following lecturer and researcher, Associate Professor Dr. Niti Pawakapan has been selected for the research work entitled "Arguing the Nation and Ethnicity."

Twenty doctoral students shall be recognized for their outstanding research works,

**Huynh Cong Nhat Nam, Ph.D**

"Inhibition of Histone Deacetylases Enhances Osteogenic Differentiation of Human Periodontal Ligament Cells"

**Benja Israngkur Na Ayudhaya Ph.D**

"The Responses of Human Periodontal Ligament Cells to Exogenous Interleukin-12"

**Naruedee Limpuangthip, Ph.D**

"The Quality of Complete Denture, Patient's Satisfaction, Oral Health-related Quality of Life and Their Association"

**Nipaporn Tewawong**

“Molecular Epidemiology and Evolution of Influenza A and B Viruses in Thailand”

**Wanvisa Udomsinprasert, Ph.D**

“Role of Autotaxin for the Pathogenesis of Liver Fibrosis in Biliary Atresia”

**Sirintra Sirivisoot, Ph.D**

“Immunopheno type, Molecular Diagnosis, Minimal Residual Disease and Multidrug resistance Protein in Modified COP, Modified CHOP and Rescue Protocols of Treated Canine Lymphomas”

**Nattapong Tuntiwattanapun, Ph.D**

“Optimization of *IN-SITU* Transesterification Process for Soybean and Spent Coffee Grounds Biodiesel”

**Siriwan Nantaphol, Ph.D**

“Electrochemical Detection of Organic and Biological Compounds with Modified Electrode”

**Apichat Pangdam, Ph.D**

“Synthesis of Complex Gold Nanostructures Induced by Silver Ion”

**Witchaya Rongsayamanont, Ph.D**

“Characterization of biosurfactant from *Bacillus* sp.GY19 and Formulation of Dispersant of Petroleum Remediation in Seawater”

**Mery Sipahutar, Ph.D**

“Isolation and Characterization of Triclocarban Degrading Bacteria as Plant-Growth Promoter”

**Thitiphan Assawincharoenkij, Ph.D**

“Mineralogical and Geochemical Characteristics of Waste Rocks and Tailings from a Gold Mine in Northeastern Thailand: Application for Environmental Impact Protection”

**Runglawan Laumka, Ph.D**

“Development of Preschoolers’ Physical Well-being Enhancement Process for Parents in Rural Northeastern Region Using Participatory Action Research and Coaching Approach”

**Phacharin Haesakul, Ph.D**

“An Analysis of a Quality Assessment Model of Science Educational Provision for Basic Education in the Asean Community: an Application of Value-Added Model and Ability Estimation Methods”

**Mesa Nuansri, Ph.D**

“Development and Investigation of Multidimensional Construct of Responsible Citizenship of Lower Secondary School Students: as Application of Construct Mapping Approach”

**Narin Nonthamand, Ph.D**

“Development of an Instructional Design Model Using Video Based Open Learning with System Thinking and Group Technique to Enhance Creative Problem Solving Ability of Higher Education Students”

**Papaporn Chaihanchai, Ph.D**

“Development of Integrated Marketing Communications Measurement”

**Piraya Boonprasong, Ph.D**

“Use Transformation Process of Shophouses: A Case study of Tha Tien’s Shophouses, Bangkok”

**Dhea Khotradha, Ph.D**

“The Creation of Fashion and Lifestyle Branding for Mini Bar in Thailand Market”

**Warisara Anantato, Ph.D**

“Camadevi Worship: Legend Reproduction and Ritual Construction in Contemporary Thai Society”

And now, I should like to proceed by inviting Your Royal Highness to present the degree certificates to the graduates in accordance with the names called upon by the dean of each faculty after which I would like to invite Your Royal Highness to give a speech so that each graduate will be endowed with great blessings and auspiciousness.

May it please Your Royal Highness.



Citations for recipients of doctorate degrees (*honoris causa*),  
recipients of emeritus professorship and certification  
for outstanding research works in the Ratchadapisaek Sompote  
(King's Jubilee) Fund

**Announcement of Honors**  
**Associate Professor Wassana Pattanapeeradech**  
**Honorary Doctorate in Dentistry**

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The Chulalongkorn University Council, at its meeting of 28 June 2018 (No.816), agreed that Associate Professor Wassana Pattanapeeradech is a highly knowledgeable and skilled individual whose devotion to education and the development of dental science, especially her work to make dental services available to the country's disadvantaged, is deserving of recognition and admiration as a role model to others.

Professor Wassana completed her undergraduate education in dentistry (Gold Medal) at Mahidol University in 1971, and earned her advanced certificate in Clinical Dental Science (Endodontics) at Chulalongkorn University in 1972. Upon receiving a scholarship from Chulalongkorn University, she continued her studies in Restorative Dentistry at the University of Otago in New Zealand, earning her Master's degree in 1982. She obtained a diploma (Operative Dentistry) from the Dental Council in 1997.

Professor Wassana was a dental resident at the Faculty of Dentistry at Mahidol University (currently the Faculty of Dentistry, Chulalongkorn University) in 1971, and in the following year she was offered a permanent position in the Department of Operative Dentistry at Chulalongkorn University's Faculty of Dentistry. She became an Assistant Professor in 1988 and an Associate Professor in 1991. She served as Deputy Dean (Services) between 1997 and 2004, and since her official retirement in 2007, she has continued to work as a special lecturer.

As an instructor, she has generously shared her knowledge and experience with those who have studied with her. Especially known for her use of advanced techniques for filling cavities, she has helped to modernize the practices used by dentists around the country. Today, the materials used to fill cavities are longer-lasting, and procedures are faster and less expensive.

In her role as a researcher, she has been a pioneer in the search for new materials and techniques used to restore teeth. Over the years, she has also been actively engaged in the NRCT-JSPS project, which was established to foster good relations between dental researchers in Thailand and Japan and to disseminate new research among members of the public. These activities have contributed significantly to the advancement of knowledge in the field of dentistry.

As the leader of a group set up to carry out the royal wishes of Her Royal Highness the Princess Mother, Professor Wassana joined with the Mae Fah Luang Foundation to provide dental treatment to hill tribes and other residents of Doi Tung in Chiang Rai province, a public service which remains in operation today. In addition, she serves on the subcommittee that oversees training and testing for diplomas and certificates in operative dentistry.

Professor Wassana has been an accomplished administrator as well. While Deputy Dean for Services, she not only oversaw the management of the Faculty clinic but also worked to create a special after-hours clinic to better serve the public and to raise revenues for the Faculty. Some of this money was then used for professional development, providing staff with greater opportunities to take part in study trips, training courses, and academic conferences both in Thailand and abroad.

To address the shortage of trained personnel both at the University clinic and countrywide, she also initiated a project to produce new dental assistants. Dr. Wassana has also served on the executive committee of the Royal College of Dental Surgeons of Thailand.

A particularly important and meaningful part of her work for the Faculty and the country has been her involvement in developing the Faculty's Mobile Dental Unit and the Royal Mobile Dental Unit, a project initiated in response to a speech given by His Late Majesty King Rama IX, who expressed the wish to make dental treatment more widely available to people living in rural areas. Today, the mobile dental unit is the largest of its kind anywhere and can provide dental services on a scale equivalent to a major hospital. In addition, when the royally-inspired Foundation for Dental Innovation under the Royal Patronage was created to promote the development of local dental innovations and lessen Thailand's reliance on foreign resources, Professor Wassana served on the executive board and was the Foundation's treasurer. Finally, she was a member of the team of dentists led by Dr. Petchara Techakampuch responsible for treating His Late Majesty King Rama IX and other members of the royal family.

In light of her achievements and as an individual highly respected for her scholarly and professional excellence, whose work has been of tremendous benefit, both directly and indirectly, to Thai society, the Chulalongkorn University Council has unanimously agreed to confer on Professor Wassana Pattanapeeradech the Honorary Doctorate in Dentistry.

**Announcement of Honors**  
**Professor Emeritus Dr.Borwornsak Uwanno**  
**Honorary Doctorate in Law**

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The Chulalongkorn University Council, at its meeting of 28 June 2018 (No.816), agreed that Professor Emeritus Dr.Borwornsak Uwanno is a highly knowledgeable and gifted individual whose work as an educator, scholar and researcher, especially in public law, good governance, and checks on state power, has contributed greatly to the legal profession and the study of law as well as to Chulalongkorn University and the nation as a whole, and in light of his many accomplishments, he is deserving of recognition and admiration.

Dr.Borwornsak received his Bachelor of Law degree (first-class honors) from Chulalongkorn University in 1975, and was admitted to the bar by the Thai Bar under the Royal Patronage in 1976. Subsequently, he accepted a teaching position in the Faculty of Law at Chulalongkorn University, and between 1979 and 1982, he furthered his studies in France, earning two advanced degrees in administrative law from the University of Paris II from the University of Paris X: the first An honors degree in public law and the second a doctoral degree in the same field.

Throughout his career at the Faculty of Law, Dr. Borwornsak was a devoted teacher eager to share his knowledge and experience with both graduate and undergraduate students alike. He played a major role in the academic development of the Faculty, and in his position as dean, he oversaw the creation of three new programs: the Ph.D. program in law, the Master of Arts program in Economic Law, and an international Master's degree program in Business Law in conjunction with the University of Victoria and the University of British Columbia in Canada, and Japan's Kyushu University in 1997.

Dr.Borwornsak worked to modernize the curriculum of the Faculty of Law to meet the changing needs of society. He was instrumental in reinvigorating the activities of the council in charge of overseeing educational programs in law at the country's top universities. As a result, he succeeded in bringing these programs into closer alignment. Although he would leave the university to take up the position of Secretary General of the King Prajadhipok's Institute at the behest of the National Assembly and then go on to serve as Secretary General of the Cabinet, he continued to find time to work as a special lecturer, thesis advisor, expert, and speaker. He also fulfilled the responsibilities of Vice President of the Chulalongkorn University Council, and served the university as a Professor Emeritus and legal advisor. This attests to Dr.Borwornsak's loyal dedication to Chulalongkorn University over the past more than four decades.

In addition to his work as a scholar, Dr. Borwornsak has played a major role in the development of the country's legal profession and the Thai political and administrative system. He implemented new administrative protocol at the King Prajadhipok's Institute, and as Cabinet Secretary General, he improved procedures for submitting proposals to the Cabinet. He also chaired a committee charged with rewriting the nation's constitution, has been Deputy Chairman of the National Reform Council, and has served on the boards of numerous state enterprises. Currently he is a royal scholar in social science and jurisprudence at the Academy of Moral and

Political Science, part of the Royal Society of Thailand. In addition, he chairs the Legal Reform Committee and the 13<sup>th</sup> Council of State.

In recognition of his service to the nation, Dr.Borwornsak has been the recipient of some of Thailand's highest royal accolades. He is a member of the Most Exalted Order of the White Elephant and the Most Admirable Order of the Direkgunabhorn, He is a Knight Grand Cordon of the Most Noble Order of the Crown; he has been appointed to the Most Illustrious Order of Chula Chom Klao and been awarded the Dusadee Mala Medal in Law for the year 2009.

Therefore, for his dedication to the Faculty of Law, the University and the people of Thailand, the Chulalongkorn University Council has unanimously agreed to confer on Professor Emeritus Dr.Borwornsak Uwanno the honorary doctorate in law.

**Honors Announcement**  
**Mr. Vanus Taepaisitphongse**  
**Honorary Doctorate in Business Administration**

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In light of the important role he has played in the development, sustainability, and global competitiveness of Thailand's food and agriculture industry, and of the generous application of his wide-ranging business experience and expertise to many facets of the country's development, the Chulalongkorn University Council, at its meeting of 28 June 2018 (No. 816), agreed that Mr. Vanus Taepaisitphongse is deserving of recognition and admiration as a role model to others.

Mr. Vanus received a Bachelor's degree in International Economics from Chulalongkorn University in 1981, and a Master's of Business Administration with an emphasis on Agribusiness from Santa Clara University in the United States in 1983. After completing his education, Mr. Vanus worked first at Tisco Securities and then at Citibank before moving to his family business, Betagro Company, Limited, where after a career marked by continued success, he was appointed Managing Director in 1998, and Chief Executive Officer in 2008.

Throughout his career with Betagro, Mr. Vanus has been instrumental in driving and setting the direction for the Group's sustained growth. Grounded in the principles of good corporate governance, his managerial leadership has seen the company grow from a medium-sized agribusiness to what is today Thailand's second-largest food and agriculture enterprise. He has consistently pushed for a raft of policies that have benefited consumers, the Group's business partners, and the country's agricultural producers. For instance, he has overseen the implementation of food safety policies which have led to new inspection methods in line with stringent international standards. Mr. Vanus has also given priority to developing and supporting the industry's supply chain, sharing his knowledge and managerial tools with small and medium-sized enterprises as a means of raising quality standards and boosting their competitive potential. As a result of his efforts, the supply chain in the food and agro-industrial sector is strong and sustainable.

In addition, through his involvement in and support for vocational colleges and other institutions of higher learning, Mr. Vanus has played an important role in the creation of Food Engineering Practice schools (FEPs) and work-integrated learning programs where students and faculty can put their knowledge to work, finding solutions to real-world problems and in the process, these efforts have raised the educational and occupational quality of both students and the institutions they attend.

In the area of community and social development, Mr. Vanus has applied the Sufficiency Economy principles articulated by His Late Majesty King Bhumibol Adulyadej, which take the form of a site-specific model called a "quintuple helix" whose intertwining strands consist of education, income generation, health, society, and environment. Today a number of pilot projects based on this model are in operation around the country, and the benefits of this community development work are being expanded through cooperation with state and private-sector organizations and 11 universities in the form of a social lab set up in 236 villages in 26 districts in 13 provinces throughout Thailand.

Given his expertise in business management, his commitment to ethical business practices, and his contribution to the development and international recognition of Thailand's agri-business industry, as well as his support for small and medium-sized entrepreneurs in the country's food and agricultural sector, and his lifelong devotion to education and national and social development, the Chulalongkorn University Council has unanimously agreed to confer on Mr. Vanus Taepaisitphongse the honorary doctorate in business administration.

**Announcement of Honors**  
**Associate Professor Prida Tassanapradith, M.D.**  
**Honorary Doctorate in Medicine**

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The Chulalongkorn University Council, at its meeting of 28 June 2018 (No.816), agreed that for his contributions to the development of instruction in medical and medical research ethics, and his reputation as an expert in the fields of medicine, public health, and health science, and as a true ethical philosopher, whose work has been of tremendous benefit to Thailand and beyond, Associate Professor Prida Tassanapradith, M.D. is deserving of recognition and admiration as a role model to others.

Associate Professor Prida completed his undergraduate degree in medicine from the University of Medicine (currently Chulalongkorn University) in 1962. He received his American Board of Obstetricians and Gynecologists diploma from the University of Chicago in the United States in 1969, and in 1982, he received a Master of Science degree in Clinical Epidemiology from McMaster University in Canada. In 1970, he took up a permanent teaching position in the Department of Obstetrics and Gynecology at Chulalongkorn University's Faculty of Medicine, where during his tenure, he occupied a number of important posts. These include: Deputy Dean for Student Affairs, Deputy Director of the Medical Council Research Institute, Vice President for University Assets, Dean of the Faculty of Medicine, and Director of Chulalongkorn Hospital and the Thai Red Cross. He was also royally appointed to serve on the Chulalongkorn University Council (2001-2016) and was an Associate Judge for the Central Juvenile and Family Court.

Associate Professor Prida Tassanapradith is a devoted instructor and a model of medical ethics for other doctors, residents and students of medicine. He places tremendous emphasis on instilling in his students an understanding that professional ethics are no less important than professional knowledge. He has been asked to speak on the role of ethics in one's personal and professional life to students at numerous colleges and universities as part of a campaign to produce moral, ethical graduates for the good of society. He has served as chairman of the Medical Council's sub-committee to promote ethics in medical studies (1996-2015). He initiated ethical relations activities and has organized workshops and training programs aimed at raising ethical standards in the study of medicine and the health sciences for faculty, residents, and students from many institutions around the country. He has pushed to make the study of medical ethics a mandatory part of the education that the country's doctors receive at all medical schools. He was asked by the World Health Organization (WHO) to prepare a handbook on medical ethics for use by medical students throughout the Southeast Asia region. For his tireless work to produce graduates who are both highly knowledgeable in their field and ethical, Associate Professor Prida has been honored by many organizations both in Thailand and abroad. For instance, in 2000, the Medical Council presented him with the award for best ethical role model, and in the same year, he received similar recognition from the Mom Ngamjot Purachattra Foundation. Then, in 2015, he was honored for his contributions to the Faculty of Medicine at Thammasart University, and in 2016, he was named the Teacher of the Year by the Consortium of Thai Medical Schools.



Over his career, Associate Professor Prida has also been involved in important research on topics ranging from family planning to the development of health services for people in rural areas, prevention and treatment of drug addiction in the country's highlands, and assessment of the health care system. His findings have received national and international attention. For his part in the invention of a device for performing sterilizations after childbirth (Chulascope), he was given an award for outstanding research by Chulalongkorn University in 1985. Associate Professor Prida was also a driving force in the development of a set of ethical standards applicable to researchers in the Faculty of Medicine, which are now accepted by the World Health Organization. For his work in this area, he was appointed chairman of the Ethical Review Committee for Research in Human Subjects at Chulalongkorn University, a position which he still holds today. The purpose of the committee is to ensure that research conducted at the university complies with international ethical standards. In addition, Associate Professor Prida has received numerous invitations to assist other organizations both within and outside the university in efforts to raise ethical standards among researchers.

Since his retirement, Associate Professor Prida has continued to work on behalf of the Faculty, the University and society at large. The university has entrusted him with a number of important posts. He has served on the Chulalongkorn University Council and as chairman of the committee responsible for reviewing student appeals or complaints. He has also been appointed to the committee in charge of transparency and support for ethical behavior.

Associate Professor Preeda Tassanapradith, M.D. is an exceptional medical teacher whose knowledge, experience and commitment to the highest ethical standards have helped to produce quality graduates in medicine for the benefit of the people of Thailand. For more than 50 years, he has devoted himself selflessly to the betterment of the Faculty of Medicine, the University, Thai society and the global community. For these reasons, the Chulalongkorn University Council has agreed unanimously to confer on him the honorary doctoral degree in Medicine.

**Honors Announcement**  
**Sorada Wangmethikul, Pharmacist**  
**Honorary Doctoral Degree in Pharmaceutical Sciences**

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The Chulalongkorn University Council, at its meeting of 28 June 2018 (No.816) agreed that Sorada Wangmethikul is an exemplary pharmacist whose has played a major role in the development of the pharmaceutical industry and industrial pharmacy as a profession. Throughout her career, she has worked to improve standards throughout the country's pharmaceutical industry and to raise the potential of pharmacists and drug manufacturers for sustained growth and development. Therefore, she is deserving of recognition and admiration as a role model to others.

After receiving her Bachelor's degree (with 2<sup>nd</sup> class honors) in Pharmaceutical Science from Chulalongkorn University in 1973, Ms.Sorada worked as a pharmacist in the quality control division of a private-sector pharmaceutical manufacturing firm, where she gained a wealth of professional experience. Over the course of her career with the company, she steadily progressed from assistant manager to division manager and then to plant manager. At the time of her retirement, she held the position of Senior Assistant Managing Director of General Hospital Products (Public) Company, Limited, the country's first producer of sterile solutions.

Sorada's achievements have been widely recognized both nationally and internationally. As an expert on quality systems, she has been invited to serve as an expert and academic board member to the Ministry of Industry, the Ministry of Public Health, and the Pharmaceutical Council, and has served on working committees for a number of projects involved both directly and indirectly in improving the capabilities of the country's makers of traditional and Western medicines. She was invited to serve on the working committee set up by the Food and Drug Administration under the ASEAN Consultation Committee for Standard and Quality Pharmaceutical Product Working Group, and was also elected to serve as President of the Thailand affiliate of the International Society for Pharmaceutical Engineering (ISPE) from 2008 to 2016.

In her career as a pharmacist, she has used her expertise and vast experience to help pharmaceutical manufacturers to meet PIC/S (Pharmaceutical Inspection Co-operation Scheme) standards. She has worked with both government departments responsible for enforcement of regulations and private-sector manufacturers subject to these regulations to increase awareness of the importance of quality systems. This has contributed to improvements in the pharmaceutical industry and the safety of pharmaceutical products. To prepare human resources for the future of the industry, Sorada has also played a role in the development of pharmaceutical engineering programs at both the undergraduate and graduate levels. These are joint programs between engineering and industrial pharmaceutical departments aimed at equipping students in pharmaceutical science with the tools they will need to work with the ever-evolving pharmaceutical industry in the future.

As an expert resource person and special lecturer, Sorada has also been instrumental in the development of quality systems and Good Manufacturing Practices (GMP) at the Faculty of Pharmaceutical Science at Chulalongkorn and other universities, helping to improve relevant

curricula at institutions around the country. She is a senior advisor to Chulalongkorn University's Faculty of Pharmaceutical Science administrative board and has offered generous support to the Faculty's activities over many years. In addition, she continues to assist the Pharmaceutical Council in the process of accrediting pharmaceutical science programs at universities across Thailand. Sorada has also authored many articles on quality standards for distribution to a wide group of pharmacists, and as founder of the Industrial Pharmacists Association of Thailand, she was selected as the organization's first president (2012-2016). Today, she continues to serve as an expert advisor to the group. She was also elected to head the competency- building subcommittee on professional quality assurance and quality control and is a member of the Pharmaceutical Council's examining board for professional licensing. Among the many honors she has received are the "Outstanding Pharmacist" award in the category of Industrial Pharmacist from the Pharmaceutical Association of Thailand under Royal Patronage and the award for "Centennial Faculty of Pharmaceutical Science Outstanding Alumna" given by Chulalongkorn University.

For her academic and professional achievements, which have gained national and international recognition, and for her contributions to the development and growing acceptance of the Thai pharmaceutical industry in world markets, the Chulalongkorn University Council has unanimously agreed to confer on Sorada Wangmethikul the honorary doctoral degree in Pharmaceutical Sciences.

**Honors Announcement**  
**Associate Professor Nittharatana Paphavasit**  
**Honorary Doctorate in Science**

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The Chulalongkorn University Council, at its meeting of 28 June 2018 (No.816), agreed that as a devoted educator and scholar in the field of marine ecology, especially the rehabilitation of coastal forests, mangrove forest ecosystems, and marine benthos, Associate Professor Nittharatana Paphavasit epitomizes what it means to be a “teacher,” using her vast knowledge and experience to produce human resources for the country, and is, therefore, deserving of recognition and admiration as a role model to others.

Nittharatana is a true product of Chulalongkorn University, having completed her primary and secondary education at the Chulalongkorn University Demonstration School before going on to receive her Bachelor’s degree in Science from the Faculty of Science at Chulalongkorn University in 1973. She worked as a lecturer in marine science at the Faculty of Science while pursuing her Master’s degree in this field. Subsequently, she was awarded a Fulbright Scholarship to continue her studies in marine ecology at the University of Oregon in the United States, completing her degree in 1978.

Throughout her career as an educator, Nittharatana faithfully discharged her duties with devotion and conscientiousness. She became an associate professor in 1982, and was made a member of the Most Noble Order of the Crown of Thailand in 1999.

She is also a prolific researcher and a pioneer in integrating her research into the courses she taught students at all levels. She stresses the importance of providing opportunities for students to learn from direct experience in the field, ensuring that they have an accurate understanding of nature in any given location. This knowledge can then find real applications in the development of the scientific and local communities, for example in efforts to protect and rehabilitate the country’s coastal forests, through such projects as the coastal forest parks with which we are familiar today.

Nittharatana has always taken her responsibilities as a teacher very seriously and devoted herself to education and research throughout her career. She played a major role in developing the students and programs offered by the Department of Marine Science and other departments in the Faculty of Science. As a member of the academic affairs committee and secretary of the Faculty’s academic services division, she coordinated on academic matters within and between faculties. After her retirement, she has continued to serve as an academic advisor to the Department of Marine Science and offered her expertise to a number of government and private-sector organizations.

Because of her national and international contributions to the field of marine ecology and of her embodiment of the ideals of teaching, the Chulalongkorn University Council has unanimously agreed to confer on Associate Professor Nittharatana Paphavasit the honorary doctoral degree in science.

**Honors Announcement**  
**Mr.Thewin Wongwanich**  
**Honorary Doctorate in Engineering**

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At its meeting of 28 June, 2018 (No.816), the Chulalongkorn University Council agreed that in light of the important contributions he has made to the nation and the public good, Mr.Thewin Wongwanich is deserving of recognition and admiration as a role model to others.

Mr.Thewin earned a Bachelor's degree in Engineering (1<sup>st</sup> class honors) from Chulalongkorn University, a Master's degree in chemical engineering from Rice University, and a doctoral degree in petroleum engineering from the University of Houston, in the United States. After completing his education, he returned to Thailand, where he began his professional career as an engineer with Unocal (Thailand). Later, he moved to PTT Exploration and Production (Public) Company, Limited, where he was head of the petroleum sources division. In his career at PTTEP, Mr.Thewin consistently demonstrated outstanding managerial skills, which led to his appointment as President and CEO of PTT (Public) Company, Limited.

Throughout his life, Mr.Thewin has dedicated himself to supporting education and academic activities at the faculty, university, and national levels, and has occupied key posts at all three. In addition, he has found the time to help manage a number of charitable organizations. He has served, for instance, as chairman of the Engineering Alumni Association of Chulalongkorn University and as chairman of the Chulalongkorn University Alumni Association. He has served on the Chulalongkorn University Council and been an expert to the National Science and Technology Development Board. He has also been involved in the Ministry of Education's Public School project, which is part of efforts to reform the national education system under the government's Thailand 4.0 policy. In all of these ways, Mr.Thewin has made invaluable contributions to the Faculty, the University and the country as a whole.

In recognition of his expertise and long years of experience in engineering and organizational management, and his support for education and research and development in the area of scientific and technological innovation, the Chulalongkorn University Council has unanimously agreed to confer on Mr.Thewin Wongwanich the Honorary Doctoral Degree in Engineering.

**Honors Announcement**  
**Associate Professor Dr.Napaporn Chayovan**  
**Honorary Doctorate in Liberal Arts**

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The Chulalongkorn University Council, at its meeting of 28 June 2018 (No.816), agreed that as a recognized expert in demography and a devoted educator in this field, Associate Professor Dr.Napaporn Chayovan is deserving of recognition and admiration as a role model to others.

After completing her Bachelor's degree (with honors) in political science and sociology from Chulalongkorn University, Dr. Napaporn went on to obtain a Master's degree in demography from the London School of Economics and Political Science at the University of London in the U.K. in 1974. In 1982, she received a Ph.D. in sociology from the University of Michigan in the U.S.

Dr. Napaporn entered government service as a permanent faculty member at the Demography Institute (currently the School of Demography) in 1974. As a researcher whose work has raised standards at the School to international levels, she is best known for her national surveys, although as head of a number of large-scale comparative research projects, she has also built an international network of researchers. Her work includes the Thailand Demographic and Health Survey (1985-1987); a comparative study of the elderly in four Asian countries (1989-1999), a comparative study of the status of women and fertility across the Asian region, and a comparative study of economic conditions and demographic and family changes (2000-2003). These major projects required expert knowledge of survey techniques in order to obtain reliable data across subject populations. They also demanded superior management and report presentation skills, all of which Dr.Napaporn amply demonstrated.

Dr.Napaporn has been a pioneer in research on the country's elderly, conducting studies in this field for over four decades. Her methodology has set the standard for other demographers interested in studying Thailand's aging population, and her findings have shaped government policy on the elderly. Since 1982, her research has contributed greatly to social development and improvements in the quality of life, while revolutionizing the study of demography in Thailand.

Her work has won both national and international acclaim. Over her career, she has published more than 100 works, and those that have appeared in international publications have been frequently cited by other researchers. This is especially the case regarding her work on fertility and the elderly. She was recognized by the Mom Ngamchit Purachatra Foundation as researcher of the year in 1995, and the National Research Council named her outstanding researcher in the social sciences in 2009 for her work in creating a system for monitoring and evaluating the 2<sup>nd</sup> National Plan for the Elderly.

Dr.Napaporn's abilities as a teacher are particularly evident in her courses on demographic analysis. These are core courses for all demographers which require the instructor to have high level skills in math and statistics and to be able to explain in clear terms how an analysis of quantitative data can shed light on a particular population group. Dr.Napaporn also created the country's first graduate-level course in the demographics of the elderly, a course that has laid the

groundwork for the creation of a new sociologically-oriented body of knowledge on the country's aging population.

She was also instrumental in the creation of the Asian Meta-Centre for Population and Development Analysis and in the development of a program of workshops aimed at improving the skills of regional mid-level research personnel involved in comparative studies across countries and those of new researchers. Dr. Napaporn has also taken a leading role in organizing important national and international conferences that have contributed to the body of knowledge in the field and demographic policies. She has served on the IUSSP Committee on Nominations, as well as the sub-committee to devise the 2<sup>nd</sup> long-term plan for the elderly (2002-2021), and the Office of the Prime Minister's national coordinating committee for the elderly. As a result of her participation, the School of Demography has won widespread national and international acceptance and recognition.

Since her retirement from the government service, Dr. Napaporn has continued her involvement in research and other academic services at the School of Demography. She remains dedicated to improving the research capacities of faculty and other personnel at the School, particularly as they relate to the collection of large-scale quantitative data. For example, she has been a mentor to researchers participating in a project sponsored by Chulalongkorn University to mark the start of its second century which focuses on demographic changes and health among the country's elderly population (2016-2018). Her role in this project has ranged from helping to draft the project to developing questionnaires and a manual for researchers, overseeing field work, and assembling and analysing findings. In addition, she is an advisor to an interdisciplinary project (Chula Ari) aimed at increasing social acceptance of the elderly. Also part of the second-century research initiative (2018-2020), this is an action research project on the policy level and with on-site implementation that seeks to mobilize all of the University's academic resources.

Through her research activities, Dr. Napaporn has made tremendous contributions to the School of Demography and to the study of demography generally. She has been a driving force for the inclusion of reliable research data in the shaping of demographic policy both in Thailand and abroad. For these reasons, the Chulalongkorn University Council has unanimously agreed to confer on Associate Professor Dr. Napaporn Chayovan the honorary doctoral degree in Demography.

**Honors Announcement**  
**Mr.Chartsiri Sophonpanich**  
**Honorary Doctorate in Business Administration**

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At its meeting of 28 June 2018 (No.816), the Chulalongkorn University Council agreed that Mr.Chartsiri Sophonpanich is an exemplary manager with outstanding leadership skills whose many accomplishments are deserving of recognition as a source of inspiration for others.

After receiving a Bachelor's degree in chemistry from Worcester Polytechnic Institute and Master's degrees in both chemistry and business administration from the Massachusetts Institute of Technology in the United States, Mr.Chartsiri began his career at Bangkok Bank (Public) Company Limited, where today he serves as the bank's president.

Mr.Chartsiri is a man of tremendous expertise and experience in the banking industry. In recognition of his sterling reputation for personal and professional ethics, morals, honesty and integrity, he has been appointed on numerous occasions to key committees charged with overseeing national development. Since 2017, for instance, he has served on the National Strategy Committee and the National Economic Reform Council. In that same period, he has been a senior advisor not only to the National Research and Innovation Council but also to the Committee on Strategic Management in the Public Sector. Since 2013, Mr.Chartsiri has served on the National Science and Technology Board, and since 2014, he has been an advisor to the Electronic Transaction Development Association, a private-sector organization. In addition, from 2006 to 2008, he was a member of the National Legislative Assembly and from 2002 to 2006, and again from 2010 to 2014, he was the chairman of the Thai Banking Association.

Mr.Chartsiri has upheld the principles of good corporate governance and maintained the highest professional ethical standards throughout his career. This is reflected in Bangkok Bank's stated participation in the Collective Action Coalition against Corruption (CAC). The bank also has a long history of support for small and medium-sized enterprises across Thailand. Every year since 2001, it has nominated client SMEs for the prestigious Puay Ungpakorn Award for Excellence in Corporate Governance, and on nine occasions the bank's nominees have won. On the international front, Bangkok Bank (Public) Co., Ltd. has worked closely with local businesses, stressing the importance of good corporate governance and innovation, in order to prepare them for long-term success in foreign markets. The Vietnamese Prime Minister and the national bank have presented the Vietnam branch of Bangkok Bank with three awards in recognition for its support of the country's economic and business development and for its compliance with all relevant banking laws and regulations.

Mr.Chartsiri also has a record of success in the field of organizational administration. He effectively steered the bank through the debilitating economic crisis that occurred in Thailand in 1997, and under his stewardship, the bank in fact emerged even stronger than before. During this time, the bank worked closely with customers to help them recover and remain in business throughout the worst of the downturn. Mr.Chartsiri oversaw the implementation of measures to restructure and redesign work systems, products and services – measures which contributed to the



long-term sustainability of the bank and were of benefit to customers and the national economy. For example, support from Bangkok Bank helped Thai enterprises to boost competitiveness and prepare for expansion into regional and global markets, initiatives seen as key to long-term, sustainable growth. With Mr. Chartsiri in charge, the bank also provided greater support to international firms interested in expanding their investment in Thailand and the ASEAN region. He has improved credit and debit card services and overseen the introduction and development of electronic, online and, more recently, mobile banking services, while ensuring that users of these new technologies enjoy not just added convenience but greater security. Also, the bank is an important contributor to the National Strategic Plan for the Development of Electronic Payment Infrastructure. Bangkok Bank has also played a consistent part in social development through projects and activities that include Bua Luang SME, support for farmers, the building of rural schools, its Student Internship Program (SIP) and its participation in CONNEXT ED: A Leadership Program for Sustainable Education, under the auspices of the Public-Private Collaboration Project.

Mr. Chartsiri Sophonpanich is also a major donor to some of the country's leading educational institutions. At Chulalongkorn University, he has been a driving force behind the creation of a new, more hands-on instructional model for students enrolled in the MBA program at the SASIN Graduate Institute of Business Administration. Called the Action Learning Project, it brings together MBA students from SASIN and the Massachusetts Institute of Technology on projects intended to solve real problems confronting some of Thailand's leading companies. In the process, participants learn invaluable teamwork skills. Bangkok Bank is also a major sponsor of academic conferences. These include the MIT Global Startup Workshop 2018 and the MIT Sloan Sasin Action Learning Conference 2018. The bank's support for education extends beyond business into other areas as well. In conjunction with the Worcester Polytechnic Institute, Bangkok Bank supports the Joint Interactive Qualifying Project – Interactive Science and Social Project Collaboration, which aims to equip students in the sciences with the professional tools they will need after graduation.

Given his long list of accomplishments and history of service, it is clear that Mr. Chartsiri Sophonpanich is an exceptional business manager and leader, and therefore, the Chulalongkorn University Council has unanimously agreed to confer upon him the honorary doctoral degree in Business Administration.

**Announcement of Honors**  
**Professor Dr.Chanita Rukspollmuang**  
**Professor Emeritus in the Faculty of Education**

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The Chulalongkorn University Council, at its meeting of 28 June 2018 (No.816), agreed that for her nationally and internationally recognized role in creating and disseminating knowledge in the field of Foundations of Education, which combines expertise in Development Education, Sociology of Education, Comparative and International Education, and Education Law, Professor Dr.Chanita Rukspollmuang is deserving of recognition and admiration as a role model to others.

Dr.Chanita completed her Bachelor's degree (with honors) from Thammasart University in 1975, and her M.A. and Ph.D. (Socio-Philosophical Foundations of Education) from Michigan State University in the U.S. in 1976 and 1980, respectively. She began her career at the Office of the National Education Commission and the Office of the Prime Minister before transferring to the Faculty of Education, Chulalongkorn University, where she was an instructor in the Department of Educational Foundation. Here, she made steady progress in her career, serving as Deputy Dean for Academic Affairs (1982- 1984), Assistant Secretary of the Research Division (1987- 1988), Deputy Dean for Graduate Studies (1990-1992), Graduate School board member representing faculty in the social sciences (1990-1992), Director of the Research Division in Social Science and the Humanities (1992- 1994) head of the Education Foundation Department (2002-2004), head of the Policy Management and Educational Leadership Department (2004-2012), and Dean of the Faculty of Education (2012-September 2014). From 2011-2012, she was also elected faculty representative to the Chulalongkorn University Council.

In addition, Dr.Chanita has been appointed to serve in various capacities on numerous national committees charged with setting the direction for the country's education and social development. These positions include: member of the Education Commission (2017-present) and the Higher Education Quality Assurance Development Committee of the Office for National Education Standards and Quality Assessment (2016-present); expert member of the Research and Educational Management Committee of the House of Representatives (2006-present), honorary advisor to the Senior Steering Sub-committee for Educational Reform under the National Reform Steering Committee (2016-2017), chair of the Deans Meeting (Group 16) in the Council of Deans of Faculties of Education of Thailand (2013-2014), administrative member of the Justice Ministry's "Justice Fund" (2010-2012), honorary advisor to the Education, Religion and Culture Commission of the House of Representatives (1997- 1998), and honorary advisor and permanent secretary of the House of Representatives Commission to Prevent and Suppress Corruption (2001- 2004). Internationally, Dr.Chanita was the first Thai to be elected President of the Comparative Education Society of Asia (CESA) (2012-2016).

Professor Dr.Chanita epitomizes what it means to be a teacher, dedicated at all times to the mission of education. She is also a noted researcher and author of numerous widely-cited textbooks, among them *The Educational Development Paradigm* and *Educational Rights and Freedoms: Foundation for Social and Legal Education*. Among her more than two dozen published

research articles are: “A Study of the Conditions and Problems in Producing, Using and Developing Basic Education Teachers in Line with Future Needs” and “ Guidelines for Promoting Global Citizenship: International Experiences.” In total, she is credited with over 60 articles in both Thai and English distributed in various databases.

Her conscientiousness and dedication to public service have earned her accolades on many occasions. For example, the Ministry of Social Development and Human Security presented her with a plaque for outstanding woman in the international women’s forum/network (government-sector category) on the occasion of International Women’s Day in 2018. She was also the recipient of the annual award for excellence in research from Chulalongkorn University in 2006, and the Hiratsuka Memorial Award from the Japan Comparative Education Society.

After her retirement, Dr.Chanita continued her employment with the Faculty, serving as a mentor to junior instructor. Today, she remains involved in activities of the Faculty and the University. She is a special lecturer, co-researcher, and member of the thesis examining committee. She is a faculty advisor and provides support for cooperation between the Faculty of Education and outside organizations both in Thailand and abroad. For all these reasons, the Chulalongkorn University Council has unanimously agreed to confer on Dr.Chanita Rukspollmuang the title of Professor Emeritus in the Faculty of Education.

**Honors Announcement**  
**Professor Achara Chewapun**  
**Professor Emeritus in Education**

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The Chulalongkorn University Council, at its meeting of 28 June 2018 (No.816) agreed that given her devotion to education in the field of Thai language studies, her foresight, and commitment to professional ethics, Professor Achara Chewapun is deserving of recognition and admiration as a role model to others.

Professor Achara Chewapun received a Bachelor's degree (with honors) in primary education and a Master's degree in educational psychology from Chulalongkorn University. She began her teaching career at the Chulalongkorn University Demonstration School, where she taught fifth- and sixth-grade Thai language classes. She also taught Thai to undergraduate students in the Faculty of Education. She completed a one-year, six-month training course in language arts at North Texas State University in the United States. In the government service, she made steady progress. She led the Learning Area of Thai Language for nine terms from 1987-2005, and was royally appointed to the position of full professor level 10, the first and only full professor in the primary division of the Chulalongkorn University Demonstration School.

Professor Achara is a dedicated educator, devoted to improving her students' Thai language competencies. She is a model for the correct usage of the Thai language. As head of the Learning Area of Thai Language, she has demonstrated vision and worked to promote among Thai people an appreciation for their native language. This is evident in the fact that she initiated a Thai identity program which gives students direct experience of Thai culture and Thai language use. She was instrumental in the creation of the *Little Prakiew* award which recognizes youngsters especially proficient in the use of Thai language. As a result of her efforts, Achara has been hailed for her exceptional use of the Thai language on National Thai Language Day (2014). She was also honored as the outstanding alumna from the Faculty of Education (2007). And *Sen Thang Sethakij* newspaper, as part of its "Outstanding Administrators" project, named her the outstanding administrator for the year 2002 in the area of promotion of the Thai language. She was also the recipient of the Thai language teacher of the year award in 1990 from the Saman-Khunying Benja Saengmali Foundation.

Professor Achara has always been interested in research relating to the Thai language, and has benefited from her knowledge and experience as a teacher and educational administrator to produce a number of valuable academic works. Over the years she has been the recipient of numerous research grants. These include the Chulalongkorn University-sponsored Ratanakosin Bicentennial Research Grant, a grant to mark the 700<sup>th</sup> Anniversary of the Thai alphabet, and grants from the Research Division of the Faculty of Education. In addition, she is the author of over 60 published works, ranging from school texts to workbooks, skills development books, and academic and research articles, many of which have been widely praised for their practical value.

As an educational administrator, Achara has, on many occasions, been invited to speak and lead workshops on the development of Thai language instruction both in Thailand and abroad.

Noted for her innovative teaching techniques, she has trained Thai language instructors participating in a project to improve educational effectiveness (2013), and in 2014, she worked to improve the skills of Thai language teachers at the Faculty of Humanities, Rajabhat University Chiang Rai. In 1999, she led a workshop on Thai language instruction for Buddhist ambassadors at Wat Thai in Washington, D.C. and in 2010, she trained volunteer Thai language teachers in Switzerland.

In 2006, after retiring from the government system, Professor Achara was presented with a royal decoration, being named a member of the Most Exalted Order of the White Elephant. Since her retirement, she has continued her involvement in the activities of the Faculty and the University. As a distinguished expert, she currently chairs the research assessment commitment in Thai language studies, and is a member of the committee responsible for evaluating research submitted as part of the application for full, associate and assistant professorships at various universities. She has also been appointed to the Chiang Rai Rajabhat University Council.

Therefore, for her many contributions to education at the faculty, University, national and international levels, the Chulalongkorn University Council has unanimously agreed to confer on Professor Achara Chewapun the title of Professor Emeritus in the Faculty of Education.

**Announcement of Honors**  
**Professor Dr.Yubol Benjarongkij**  
**Professor Emeritus in the Faculty of Communication Arts**

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The Chulalongkorn University Council, at its meeting of 28 June 2018 (No.816), agreed that as an exemplary scholar and widely respected expert in communication arts, especially in Communication Methodology and Audience Analysis, with a national and international reputation for ethical and professional excellence, Dr.Yubol Benjarongkij is deserving of recognition and admiration as a role model to others.

Dr.Yubol received her Bachelor of Arts degree from Chulalongkorn University in 1974. She continued her education in the United States, completing her Master's degree in Communications from Michigan State University in 1979 and her Ph.D. from the Ohio State University in 1984. She joined the Department of Speech Communication and Performing Arts within the Faculty of Communication Arts in 1978, and after completing her doctoral degree, she moved to the Public Relations Department at the Faculty of Communication Arts. She remained there until 2012, when as faculty dean, she took official retirement. Since that time, she has occupied the position of Dean of the Faculty of Communication Arts and Management Innovation at the SASIN Graduate Institute of Business Administration.

Throughout more than 40 years, Dr.Yubol has fully devoted her time and intellectual energies to serving the university community. She is a model of responsibility, integrity and honesty for faculty, staff and students to emulate. These qualities were recognized when she was entrusted with the positions of University Vice President and Dean of the Faculty of Communication Arts for two terms. She has also served as head of the Public Relations Department, Deputy Dean for Academic Affairs, and head of the undergraduate International Program in Communication Arts (Communication Management).

In addition, her academic contributions as a writer and researcher have earned her a national and international reputation, having published a large number of articles in leading journals in her field. Dr.Yubol's research has also been honored with top awards from the Faculty of Communication Arts and Chulalongkorn University. As an instructor, she is skilled at communicating her knowledge and experience in an interesting manner. She is able to explain complex concepts clearly and effectively, and has an engaging speaking style that draws her listeners in. Student evaluations of her teaching have been consistently excellent.

Also, Dr.Yubol has been invited to serve as an expert and give special lectures by a wide range of organizations, both public and private, from both within and outside the university. Since her retirement from the government system, she has continued to contribute to the academic development of the faculty and the university. She continues to teach and give special lectures. She serves on numerous committees at the faculty and university levels, and is a faculty advisor and member of the Master's thesis and Ph.D. dissertation evaluating committee. She is selfless in her dedication to society, seeking always to raise awareness of the importance of proper, effective

communication based on high standards of decency and morality. Dr. Yubol's academic, professional and ethical excellence in the field of communication arts on both national and international levels is beyond dispute, and therefore, the Chulalongkorn University Council has unanimously agreed to confer on Dr. Yubol Benjarongkij the title of Professor Emeritus in the Faculty of Communication Arts.

**Honors Announcement**  
**Professor Krieng Tangsa-nga, M.D.**  
**Professor Emeritus in Medicine**

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The Chulalongkorn University Council, at its meeting of 28 June 2018 (No.816) agreed that as a nationally and internationally renowned expert in kidney disease and as devoted educator, researcher, Professor Krieng Tangsa-nga, M.D. is deserving of recognition and admiration as a role model to others.

Dr.Krieng completed his undergraduate education in medicine at Chulalongkorn University in 1973. He received his license to practice general internal medicine in 1977 and nephrology from the Medical Council in 1984. From 1981 to 1984, he completed specialized training in nephrology at the Johns Hopkins University School of Medicine in the United States. He began his career as a permanent instructor in the Department of Internal Medicine in the Faculty of Medicine in 1978. He was appointed full professor level-10 in 1993, and full professor level-11 in 2007. Over the course of his distinguished career, Krieng Tangsa-nga, M.D. authored a total of 156 academic works, of which 130 were published in international journals.

In addition to teaching nephrology to medical students in their fourth and fifth years, he also taught general internal medicine and nephrology to residents and supervised fourth and fifth-year students enrolled in the Department of Internal Medicine. For over 30 years, Dr.Krieng shared with his students the benefits of his knowledge and experience and instilled in them his ethical values and professionalism. He insisted that the medical students and residents under his supervision treat their patients in the manner demonstrated by His Late Majesty King Bhumibol Adulyadej; that is, the needs of others must always come first. Through his own example, he taught them to be disciplined professionals and to have integrity and compassion. He encouraged students to think critically and to base diagnoses and prognoses on careful observation and analysis rather than rote memorization. He challenged students with questions that required them to find their own solutions. His role in training senior residents in nephrology led to these specialists being awarded the top prize for research from the Royal College of Physicians of Thailand a total of 12 times over a twelve-year period.

As a scholar, Dr.Krieng served on the editorial board for a five-volume text on nephrology having a total of some 4,610 pages. He has edited the Chulalongkorn University Medical Journal and the medical archives of the Medical Association of Thailand. On some 23 occasions, he has addressed doctors and medical personnel at institutions both in Thailand and abroad. He received Honorable Mention in the category outstanding teacher from the Chulalongkorn University Scholarship Fund in 2004, and the Award for Outstanding Teacher in Science from the University Faculty Senate of Thailand in the same year. He was also named Outstanding Physician (scholar) by the Royal College of Physicians in 2009, and in 2011, he was presented with a certificate praising his ethical conduct by the Medical Association of Thailand under Royal Patronage.

As a researcher, Dr.Krieng was a pioneer in a number of research fields relating to kidney disease and kidney stones. He has published more than 150 articles in prominent national and



international medical journals. He is chairman of the research sub-committee at the Bumirajanagarindra Kidney Institute, responsible for overseeing and setting directions for research into kidney disease. Dr.Krieng has participated in community-level research aimed at developing an appropriate and sustainable protocol for treating patients with chronic kidney disease. The guidelines developed as a result of this pilot project, which brought together personnel from community hospitals, sub-district health promoting hospitals, and public health volunteers, have been adopted by the Ministry of Public Health for use in the treatment of chronic kidney disease by medical personnel at other community hospitals.

Dr.Krieng has also held a number of important administrative positions, among them Head of the Kidney Section of the Internal Medicine Department at Chulalongkorn's Faculty of Medicine; President of the Kidney Disease Association of Thailand; Director of the Royal College of Physicians of Thailand; Secretary of the 9<sup>th</sup> Asian Pacific Congress of Nephrology; Chairman of the World Congress of Nephrology 2005: Satellite Symposium on Dialysis Technologies, and Deputy Director of Chulalongkorn University for Strategy and IT Management, responsible for obtaining hospital accreditation for a second time (2004-2007). As President of the National Kidney Disease Association, he organized an Asia Pacific conference to improve professional standards relating to the treatment of kidney disease and undertook to standardize the quality of dialysis services at more than 200 dialysis centers around Thailand. He prepared and distributed materials to educate the public on ways to avoid chronic kidney disease and worked to establish standards for the treatment of diabetes-induced kidney disease. Dr.Krieng hosted a seminar to identify strategies and vision for the National Kidney Disease Association, at which it was determined that the focus of the group's activities should be on "professional standards" and "kidney disease prevention." Since 2016, he has chaired the sub-committee to overhaul the national list of essential medicines, under the direction of the Food and Drug Administration.

Since his retirement from government service in 2011, Dr.Krieng has continued to serve as an example of ethical, scholarly and professional excellence. He continues to contribute to the growth and development of the country's public health community through his work as both a teacher and researcher. For all these reasons, the Chulalongkorn University Council has unanimously agreed to confer on Professor Krieng Tangsa-nga, M.D. the title of Professor Emeritus in the Faculty of Medicine.

**Honors Announcement**  
**Professor Dr.Anusorn Limmanee**  
**Professor Emeritus in Political Science**

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At its meeting of 28 June, 2018 (No.816), the Chulalongkorn University Council agreed that as an expert in numerous branches of political science who has played a prominent role in “producing people, research, and researchers” in the field, and as a devoted teacher with a gift for communicating the complexities of political thought while instilling students with the critical thinking skills needed to become researchers able to expand existing knowledge in the field, Professor Dr.Anusorn Limmanee is deserving of recognition as a role model to others.

Dr.Anusorn received a Bachelor’s degree (honors) in Political Science from Thammasart University in 1974, and a Master’s degree in Political Science from the same institution two years later. After completing his Ph.D. in political science at Northwestern University in the United States, he returned to Thailand, and in 1984, joined the Faculty of Political Science at Chulalongkorn University, where he taught government.

Dr.Anusorn is a highly respected scholar with a national and international reputation. He is the author of a large number of articles, research, instructional materials and academic texts, many of them published in leading national and international academic journals. Among his publications in Thai are a text titled *The Social State and Change: A Consideration from the Perspective of Power, Policy, and Relationship Networks*, a book on modern political theory, and studies titled “The Development of Political Science in a Time of Change: Reorienting Directions and Curricula” and “A Structural History of Policy concerning State-Capital Cooperation: an Economic and Political Analysis of Strategic Adjustments by the Thai State.” He has also published works in English, including the article *Political Science in Thailand: A brief survey of its development and current status* and the book *Socio-Economic Development, Political Process and Electoral Participation: A Cross-provincial study of voter turnout in Thailand 1979-2007*.

In recognition of his professional knowledge, skills and experience, Dr. Anusorn was appointed to the post of President of the Social Sciences Association of Thailand (1997-1999) and has served as advisor, chairperson, and senior expert to numerous other state and private-sector organizations, including the National Research Council, the King Prajadhipok’s Institute, and the interdisciplinary doctoral degree program at Thammasart University. Because of his work with these institutions, Dr. Anusorn has acquired a broad perspective on key educational issues and is therefore, a frequent advisor on curriculum development and design in political science. He has also played a preeminent role in laying the groundwork for producing human resources in this field in Thailand.

After reaching official retirement age in 2011, Dr.Anusorn was granted a five-year extension during which time he continued to work for the benefit of the Faculty of Political Science as both a teacher and researcher. He serves on the editorial board of the *Walailak Journal of Social Sciences* and on committees responsible for evaluating Master’s theses and doctoral dissertations

in political science. In 2018, he was chosen by the Office of the Ombudsman to serve on the recruitment committee for the Electoral Commission of Thailand, a tremendous honor with important implications for the country's political future. For these reasons, it is fitting to confer on Dr. Anusorn the title of Professor Emeritus in Political Science.

**Honors Announcement**  
**Associate Professor Dr.Niti Pawakapan**  
**Award for Outstanding Research (Faculty)**  
**Rachadapisaek Sompote Fund 2017**

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Associate Professor Dr.Niti Pawakapan completed his doctoral degree in anthropology from the Australian National University in 1997. He is currently an associate professor in the Department of Sociology and Anthropology in the Faculty of Political Science, Chulalongkorn University.

His award-winning research/study entitled “Arguing the Nation and Ethnicity” explores concepts and discourses surrounding ethnicity and nation, and their relation to other issues such as nationalism, ethnonationalism, globalization, transnationalism and ethnic relations in Southeast Asia in the past as well as the question of identity and the struggle for native rights. The study is outstanding in at least two regards:

1. The study combines three methodological approaches, namely
  - a. Documentary research in both Thai and English;
  - b. A literature review of previously published research on both key issues;
  - c. Fieldwork conducted by the researcher himself consisting of previous case studies used for comparative purposes which provided some empirical data.

2. The study demonstrates how concepts and discourses surrounding ethnicity and nation can vary greatly depending not only on cultural, environmental, topographical and other physical conditions but also on variables/changes influenced by political and economic developments in each historical period, and how as a result, questions of ethnicity and nation may not lend themselves to any fixed or definitive conclusions. Ethnic identity may not be stable but may change as physical conditions change. In addition, issues of nationalism or nation may also be impacted by these same conditions, especially by globalization and transnationalism, necessitating further and ongoing research in this area.

**Honors Announcement**  
**Dr.Huynh Cong Nhat Nam**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr. Huynh Cong Nhat Nam completed his doctoral degree in Oral Biology at the Faculty of Dentistry, Chulalongkorn University in 2016. He is currently a lecturer in the Department of Dental Basic Services, Faculty of Odonto-Stomatology, at the University of Medicine and Pharmacy in Ho Chi Minh City, Vietnam.

His dissertation entitled “ Inhibition of Histone Deacetylases Enhances Osteogenic Differentiation of Human Peridontal Ligament Cells” for which Associate Professor Dr. Rachanee Ampronaramveth and Professor Dr. Prasit Pavasant served as advisors, adds to the existing body of knowledge concerning the role of histone deacetylases (HDACs) in the osteogenic differentiation of human PDL cells (hPDLs). In testing on mice, the study provided further insight into the *in vitro* and *in vivo* bone regeneration potential of hPDLs, making them more applicable for bone regeneration therapy and good future candidates for autologous bone grafts.

**Honors Announcement**  
**Dr. Benja Isarangkur Na Ayudhaya**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr. Benja Isarangkur Na Ayudhaya received her doctoral degree in Oral Biology from the Faculty of Dentistry, Chulalongkorn University in 2016. She is currently a lecturer in the Department of Pharmacology at the Faculty of Dentistry, Chulalongkorn University.

Dr. Benja's dissertation titled "Responses of Human Periodontal Ligament Cells to Exogenous Interleukin-12," for which Professor Dr. Prasit Pawasant served as advisor, developed out of an experimental study conducted in the laboratory. The purpose of the study was to investigate the response of human periodontitis cells when given Interleukin-12, a reported inflammatory agent which increases with the onset of periodontitis. The findings of the study show the influence of Interleukin-12 on the condition of the periodontal organs. Specifically, human periodontitis cells were grown in environments both with and without Interleukin-12 to provide the basis for comparing the appearance of genes and proteins occurring under both conditions. The researcher focused primarily on cells and proteins pertaining to the dissolution of the dry socket and rebalancing the immune system, which plays a vital role in the progression of periodontal disease.

Differences between the two cultures are attributable to the role of Interleukin-12 on the periodontal organs and on the progression of the disease and maintaining balance in periodontal tissue. An understanding of these roles enhances understanding of the onset and progression of periodontal disease and can provide the basis for further research leading to improved techniques for treating and preventing the disease.

**Honors Announcement**  
**Associate Professor Dr. Naruedee Limpuangthip**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr. Nareudee Limpuangthip received her Doctoral degree in Dentistry specializing in Maxillofacial Prosthetics from the Chulalongkorn University Faculty of Dentistry in 2018. She is currently a lecturer in the Department of Maxillofacial Prosthetics in the Faculty of Dentistry at Chulalongkorn University.

Her doctoral dissertation entitled “The Quality of Removable Complete Dentures, Patient Satisfaction, and Oral Health-Related Quality of Life, and Their Association,” for which Associate Professor Dr. Mansuang Aksornnukij and Assistant Professor Dr. Thewarit Somkhot served as advisors, is a clinical study of patients who have lost all their teeth and been given a full set of removable dentures while under the care of students at the Faculty of Dentistry, Chulalongkorn University for a period of not less than two years. Data was obtained from interviews with patients and an examination of the dentures and patients’ oral health by the researcher herself. Among the more interesting findings was a correlation between quality of life, oral health, and the patients’ ability to chew/grind their teeth. The researcher analyzed those factors relating to patients and their dentures which were responsible for this correlation.

The study helped to refine criteria for evaluating the quality of complete dentures by medical personnel when making decisions as to whether a patient’s dentures should be remade or refitted. These criteria are equally applicable in clinical situations and in the community. The value of this research lies not only in the knowledge it provides on how medical personnel can better explain dental treatment relating to full removable dentures to patients and their caregivers but in the guideline it offers suggestions for improving theoretical and practical instruction pertaining to complete removable dentures. The study also offers government policy guidelines on dental health and the use of removable full dentures having a plastic plate.

**Honors Announcement**  
**Dr.Nipaporn Tewawong**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr.Nipaporn Tewawong received her doctoral degree in Medical Science with a specialization in human cell biology and molecular genetics from the Faculty of Medicine, Chulalongkorn University in 2016. She is currently a lecturer in the Faculty of Medical Technology at Rangsit University.

Her study, “Molecular Epidemiology and Evolution of Influenza A and B Viruses,” for which Professor Dr.Yong Phuworawan was the advisor, is a molecular genetic study of the influenza viruses Types A and B found in Thailand. Taking an approach based on molecular biology, the study yielded results which were analyzed to determine the projected spread of these flu viruses in the future, the effectiveness of vaccines for preventing this seasonal disease, and appropriate guidelines for treating influenza with anti-viral drugs. Dr.Nipaporn created a primer and method for classifying the Type B virus by means of a real-time polymerase chain reaction. Then using a melting curve, she developed a method for classifying the viruses as either Victoria or Yamakata more quickly and less expensively. This part of the process, which was awarded patent protection, has found real-life application in classifying the Type B influenza virus into three strains suitable for vaccines. The researcher found that from 2013-2015, two lineages of the Type B virus were prevalent in Thailand. This is important data for public health officials charged with selecting three or four strains of the virus for use in vaccines. The study also observed that the neuraminidase gene of the Type B flu virus found in Thailand has a high mutation rate but because at present, the virus remains susceptible to treatment with neuraminidase inhibitors, this medication will remain effective in treating flu patients in the foreseeable future.



**Honors Announcement**  
**Dr.Wanvisa Udomsinprasert**  
**Award for Outstanding Research (Doctoral Level)**  
**Rachadapisaek Sompote Fund 2017**

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Dr.Wanvisa Udomsinprasert completed her doctoral degree in medical biochemistry at the Faculty of Medicine, Chulalongkorn University in 2016. She is currently a lecturer in Biochemistry in the Department of Biochemistry, the Faculty of Pharmacy at Mahidol University.

Her dissertation titled “Role of Autotaxin for the Pathogenesis of Liver Fibrosis in Biliary Atresia” for which Dr.Sittisak Honsawek and Professor Dr.Yong Poovarawan were advisors, investigated liver fibrosis as a result of biliary atresia (BA), the etiology of which remains mysterious. A lack of reliable noninvasive diagnostic biomarkers of BA may lead to delayed diagnosis and worse patient outcome. The main aim of this study was to explore various contributors for hepatic dysfunction including autotaxin (ATX), relative telomere length (RLT), global DNA methylation and oxidative stress and to determine if these biomarkers could be related to the pathogenesis of liver fibrosis in BA.

One hundred and fourteen post-operative BA patients and 114 age-matched healthy controls were enrolled. The study found that BA patients had higher circulating ATX and liver stiffness than the controls. The findings showed that elevated circulating ATX was associated with jaundice, hepatic dysfunction, and liver stiffness in postoperative BA. In addition, the current study provided evidence for up-regulation of ATX mRNA expression in liver specimens of BA patients compared to those in controls. The up-regulation of ATX expression in BA liver samples was performed with the immunohistochemical detection of ATX antigens within the liver bile duct epithelia and the hepatocytes. ATX mRNA expression was also significantly elevated and correlated with a decrease in ATX promoter methylation in BA patients compared to the controls.

Moreover, Dr.Wanvisa’s research supported the association between RLT in peripheral blood leukocytes and a higher risk of liver fibrosis in BA. RLT in blood leukocytes was also associated with disease severity, showing that advanced-stage BA patients exhibited excessive telomere shortening. Additionally, this study reported that, independent of risk factors, hypomethylation of retrotransposable DNA elements (Alu and LINE-1) was associated with shorter telomeres, elevated oxidative DNA damage, and a higher risk of liver fibrosis in BA.

Based on these findings, combinations of circulating ATX levels, hepatic ATX expression, relative telomere length, global DNA methylation, and oxidative DNA damage could serve as possible noninvasive biomarkers reflecting the severity of the disease and the development of liver

fibrosis in post-Kasai BA patients. Autotaxin could play a crucial role in the pathogenesis of liver fibrosis in chronic liver disease including biliary atresia.

**Honors Announcement**  
**Dr.Sirintra Sirivisoot**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr.Sirintra Sirivisoot received her doctoral degree in Veterinary Pathology from the Faculty of Veterinary Medicine, Chulalongkorn University in 2017. Currently, she is post-doctoral researcher at the Hemorrhagic Fever Research Unit at the Research Support Institute in the Faculty of Medicine, Mahidol University.

Her dissertation entitled “ Immunophenotype, Molecular Diagnosis, Minimal Residual Disease, and Multidrug Resistance Protein in Modified COP, Modified CHOP and Rescue Protocols of Treated Canine Lymphomas” for which Associate Professor Dr.Anudep Rungsipipat and Associate Professor Dr.Somporn Techangamsuwan served as advisors had its first purpose to determine Pax5 expression in canine lymphomas. The second aim was to develop heteroduplex PARR for a clonality test from peripheral blood and lymph node cytology and develop ICC for lineage determination compared to IHC using Pax5 and CD3. The third objective of this research was to evaluate MRD from peripheral blood using heteroduplex PARR in canine multicentric B-and T-cell lymphomas during treatment with modified L-COP (L-asparaginase, vincristine, cyclophosphamide, and prednisolone) and modified L- CHOP ( L- asparaginase, vincristine, cyclophosphamide, doxorubicin and prednisolone) for determining treatment efficacy and treatment response between two protocols. The final aim of this research was to develop a rescue protocol for refractory/relapsed canine lymphoma with lomustine (CCNU) or L-asparaginase and vincristine concurrent with toceranib phosphate.

Parts of the study appeared in four international journals, thus contributing new knowledge and deepening understanding of cancer in domestic animals.

**Honors Announcement**  
**Dr. Nattapong Tuntiwiwattanapun**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr. Nattapong Tuntiwiwattanapun received his Doctoral degree in Interdisciplinary Environmental Management (International Program) from the Graduate School, Chulalongkorn University in 2016. He is currently a post-doctoral fellow with support from the Ratchadapisaek Sompote Fund attached to the Environmental Research Institute at Chulalongkorn University.

His dissertation entitled “Optimization of In-situ Transesterification Process for Soy Bean and Spent Coffee Grounds Biodiesel,” for which Assistant Professor Dr. Chantra Thongkhamphao and Professor Dr. Dennis Wisenbond served as advisors, sought to develop an alternative process for producing biodiesel from soy beans, a cash crop, and coffee grounds, a waste product from a plant manufacturing instant coffee. This process, called In-situ Transesterification, uses fewer hazardous chemicals and requires fewer steps to produce biodiesel. In fact, it extracts vegetable oil and converts it into biodiesel in a single step, greatly reducing the complexity, cost and scale of producing biodiesel fuel.

The dissertation is divided into two parts: the first part explores the proper conditions for the process using Response Surface Methodology (RSM). This allowed the researcher to calculate the quantity of biodiesel produced from both soy beans and coffee grounds in each test environment. The second part of the study assesses the energy and environmental impacts of the in-situ transesterification process for producing biodiesel and compares them with the industrial methods most commonly in use. The findings of the study have practical business application for the future.

**Honors Announcement**  
**Dr.Huynh Cong Nhat Nam**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisek Sompot Fund 2017**

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Dr.Huynh Cong Nhat Nam completed his doctoral degree in Oral Biology at the Faculty of Dentistry, Chulalongkorn University in 2016. He is currently a lecturer in the Department of Dental Basic Services, Faculty of Odonto-Stomatology, at the University of Medicine and Pharmacy in Ho Chi Minh City, Vietnam.

His dissertation entitled “Inhibition of Histone Deacetylases Enhances Osteogenic Differentiation of Human Peridontal Ligament Cells” for which Associate Professor Dr.Rachanee Ampronaramveth and Professor Dr.Prasit Pavasant served as advisors, adds to the existing body of knowledge concerning the role of histone deacetylases (HDACs) in the osteogenic differentiation of human PDL cells (hPDLs). In testing on mice, the study provided further insight into the *in vitro* and *in vivo* bone regeneration potential of hPDLs, making them more applicable for bone regeneration therapy and good future candidates for autologous bone grafts.

**Honors Announcement**  
**Dr. Wanwisa Udomsinprasert**  
**Award for Outstanding Research (Doctoral Level)**  
**Rachadapisek Sompot Fund 2017**

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Dr. Wanwisa Udomsinprasert completed her doctoral degree in medical biochemistry at the Faculty of Medicine, Chulalongkorn University in 2016. She is currently a lecturer in Biochemistry in the Department of Biochemistry, the Faculty of Pharmaceutical Science at Mahidol University.

Her dissertation titled “Role of Autotaxin for the Pathogenesis of Liver Fibrosis in Biliary Atresia” for which Dr. Sittisak Honsawek and Professor Dr. Yong Poovarawan were advisors, investigated liver fibrosis as a result of biliary atresia (BA), the etiology of which remains mysterious. A lack of reliable noninvasive diagnostic biomarkers of BA may lead to delayed diagnosis and worse patient outcome. The main aim of this study was to explore various contributors for hepatic dysfunction including autotaxin (ATX), relative telomere length (RLT), global DNA methylation and oxidative stress and to determine if these biomarkers could be related to the pathogenesis of liver fibrosis in BA.

One hundred and fourteen post-operative BA patients and 114 age-matched healthy controls were enrolled. The study found that BA patients had higher circulating ATX and liver stiffness than the controls. The findings showed that elevated circulating ATX was associated with jaundice, hepatic dysfunction, and liver stiffness in postoperative BA. In addition, the current study provided evidence for up-regulation of ATX mRNA expression in liver specimens of BA patients compared to those in controls. The up-regulation of ATX expression in BA liver samples was performed with the immunohistochemical detection of ATX antigens within the liver bile duct epithelia and the hepatocytes. ATX mRNA expression was also significantly elevated and correlated with a decrease in ATX promoter methylation in BA patients compared to the controls.

Moreover, Dr. Wanwisa’s research supported the association between RLT in peripheral blood leukocytes and a higher risk of liver fibrosis in BA. RLT in blood leukocytes was also associated with disease severity, showing that advanced-stage BA patients exhibited excessive telomere shortening. Additionally, this study reported that, independent of risk factors, hypomethylation of retrotransposable DNA elements (Alu and LINE-1) was associated with shorter telomeres, elevated oxidative DNA damage, and a higher risk of liver fibrosis in BA.

Based on these findings, combinations of circulating ATX levels, hepatic ATX expression, relative telomere length, global DNA methylation, and oxidative DNA damage could serve as possible noninvasive biomarkers reflecting the severity of the disease and the development of liver

fibrosis in post-Kasai BA patients. Autotaxin could play a crucial role in the pathogenesis of liver fibrosis in chronic liver disease including biliary atresia.

**Honors Announcement**  
**Dr.Siriwan Nantaphol**  
**Award for Outstanding Research (Doctoral Level)**  
**Rachadapisaek Sompote Fund 2017**

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Dr.Siriwan Nantaphol completed her doctoral degree in Chemistry from the Faculty of Science, Chulalongkorn University, in 2017. She is currently a Bioanalytical Scientist (Clinical Development) at Pharma Nuva Company, Ltd ( part of the Siam Pharmaceutical family of companies).

In her dissertation entitled “ Electrochemical Detection of Organic and Biological Compounds with Modified Electrode” for which Professor Dr.Orawon Chailapakul and Associate Professor Dr. Weena Siangproh served as advisors, analytical method/ devices based on electrochemical detection were described to determine the important compounds/biomarkers in pharmaceutical and medical diagnostic applications, which can be separated into five parts. In the first part, an electrochemical method for N-acetyl-L-cysteine (NAC) detection in drug formulations was developed using a boron doped diamond (BDD) sensor coupled with a flow injection analysis (FIA) system. In the second part, an electrochemical cholesterol sensor was developed using silver nanoparticles modified glassy carbon electrode (AgNPs/GCE). In the third part, a selective non-enzymatic glucose sensor was successfully developed using bimetallic Pt/ Au modified BDD electrode. In the fourth part, a silver nanoparticle-modified boron-doped diamond (AgNP/BDD) electrode coupled with paper-based analytical devices (PADs) was developed for cholesterol detection. In the final part, the disposable boron doped diamond paste electrodes (BDDPEs) for microfluidic paper-based analytical devices ( $\mu$ PADs) were developed and employed for two applications; the quantitative detection of norepinephrine ( NE) and serotonin ( 5-hydroxytryptamine, 5-HT), and the anodic stripping voltammetry of heavy metals. The results demonstrated that all proposed method/sensors provide high sensitivity, selectivity, low cost, and portability.



**Honors Announcement**  
**Dr. Apichat Pangdam**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr. Apichat Pangdam received his doctoral degree in Chemistry from the Faculty of Science, Chulalongkorn University in 2017. He was also enrolled in the joint degree program between Chulalongkorn University's Faculty of Science and the College of Science and Technology at Niigata University in Japan, earning a Ph.D. in electrical engineering and information technology in the same year. He is currently a lecturer in chemical physics in the Chemistry Department, Faculty of Science, at Srinakharinwirot University.

His dissertation entitled "Synthesis of Complex Gold Nanostructures by Silver Ion" for which Professor Dr. Sanong Ekgasit and Associate Professor Chuchaat Thammacharoen served as advisors, explored a unique reaction of silver ions to create and design urchin-like gold microstructures (UL-AuMSs) with controllable length of nanothorns. The UL-AuMSs were synthesized via a simple one-pot synthetic protocol without using any surface capping agents or polymeric stabilizers. The reactants consisted of tetrachloroauric (III) acid, silver nitrate, and hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>). H<sub>2</sub>O<sub>2</sub> functioned as the sole reducing agent while trace silver ions played an important role as the shape controlling agent. Without trace silver ions, quasi-sphere gold microstructures (QS-AuMSs) were obtained. The time-dependent SEM investigations corroborated that UL-AuMSs and QS-AuMSs grew from flower-like gold microstructures (FL-AuMSs). The added trace silver ions reacted with physically adsorbed chloride ions on gold surfaces and formed into solid silver chloride capable of altering the dendritic growth of QS-AuMSs to the dominated trunk-growth of UL-AuMSs. The cleaned UL-AuMSs with average thorn lengths of 166 and 187 nm expressed high SERS activity as 0.1 nM of Rhodamine 6G could be detected with a short 15-min incubation. The easily visualized UL-AuMSs under a microscope assisting the SERS detection at selected spots was demonstrated.

**Honors Announcement**  
**Dr. Witchaya Rongsayamanont**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr. Witchaya Rongsayamanont completed her doctoral degree in Environmental Management (International program), specializing in the management of hazardous substances and waste, from the Graduate School of Chulalongkorn University in 2017. Currently she is a lecturer in the Faculty of Environment and Resources at Mahidol University.

Her dissertation entitled “Characterization of biosurfactant from *Bacillus* sp. GY19 and Formulation of Dispersant of Petroleum Remediation in Seawater” for which Associate Professor Dr. Ekawan Leupromchai, Assistant Professor Dr. Chantra Tongcumpou and Professor Dr. David A. Sabatini served as advisors focused on solvent free dispersants for crude oil spills and how they were formulated based on the hydrophilic-lipophilic deviation (HLD) concept and the use of lipopeptides from *Bacillus* sp. GY 19. The lipopeptides were recovered and concentrated from cell-free broth by foam fractionation and free-drying. They showed good surface activity under varying temperatures, pH and NaCl levels. Moreover, the lipopeptides had low toxicity to copepods (LC50 1174mg/L) and whiteleg shrimp (LC50 1050mg/L). The characteristic curvature (Cc) of the lipopeptides showed that they were more hydrophobic (Cc 4.93) than sodium dihexyl sulfosuccinate (SDHS, Cc -0.92). The HLD equation was used to calculate the lipopeptide and the SDHS fractions in the dispersant formulations according to the equivalent alkane carbon number (EACN) of hydrocarbons and seawater salinity. The molar fraction of lipopeptides increased with increasing EACN. The lipopeptide-SDHS mixtures formed microemulsion Type III with specific hydrocarbons and crude oils. Oil displacement and baffled flask tests showed that the formulations reduced the interfacial tension and solubilized crude oil in the water column at higher efficiency than commercial dispersants or lipopeptides alone. In summary, the effectiveness of the lipopeptide-based dispersant corresponded to the optimal HLD.

**Honors Announcement**  
**Dr.Huynh Cong Nhat Nam**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisek Sompot Fund 2017**

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Dr.Huynh Cong Nhat Nam completed his doctoral degree in Oral Biology at the Faculty of Dentistry, Chulalongkorn University in 2016. He is currently a lecturer in the Department of Dental Basic Services, Faculty of Odonto-Stomatology, at the University of Medicine and Pharmacy in Ho Chi Minh City, Vietnam.

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**Honors Announcement**  
**Dr. Wanwisa Udomsinprasert**  
**Award for Outstanding Research (Doctoral Level)**  
**Rachadapisek Sompot Fund 2017**

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Dr. Wanwisa Udomsinprasert completed her doctoral degree in medical biochemistry at the Faculty of Medicine, Chulalongkorn University in 2016. She is currently a lecturer in Biochemistry in the Department of Biochemistry, the Faculty of Pharmaceutical Science at Mahidol University.

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Moreover, Dr. Wanwisa’s research supported the association between RLT in peripheral blood leukocytes and a higher risk of liver fibrosis in BA. RLT in blood leukocytes was also associated with disease severity, showing that advanced-stage BA patients exhibited excessive telomere shortening. Additionally, this study reported that, independent of risk factors, hypomethylation of retrotransposable DNA elements (Alu and LINE-1) was associated with shorter telomeres, elevated oxidative DNA damage, and a higher risk of liver fibrosis in BA.

Based on these findings, combinations of circulating ATX levels, hepatic ATX expression, relative telomere length, global DNA methylation, and oxidative DNA damage could serve as possible noninvasive biomarkers reflecting the severity of the disease and the development of liver

fibrosis in post-Kasai BA patients. Autotaxin could play a crucial role in the pathogenesis of liver fibrosis in chronic liver disease including biliary atresia.

**Honors Announcement**  
**Dr.Siriwan Nanthaphol**  
**Award for Outstanding Research (Doctoral Level)**  
**Rachadapisek Sompot Fund 2017**

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Dr.Siriwan Nanthaphol completed her doctoral degree in Chemistry from the Faculty of Science, Chulalongkorn University, in 2017. She is currently a Bioanalytical Scientist (Clinical Development) at Pharma Nuva Company, Ltd ( part of the Siam Pharmaceutical family of companies).

In her dissertation entitled “ Electrochemical Detection of Organic and Biological Compounds with Modified Electrode” for which Professor Dr.Orawon Chailapakul and Associate Professor Dr. Weena Siangproh served as advisors, analytical method/ devices based on electrochemical detection were described to determine the important compounds/biomarkers in pharmaceutical and medical diagnostic applications, which can be separated into five parts. In the first part, an electrochemical method for N-acetyl-L-cysteine (NAC) detection in drug formulations was developed using a boron doped diamond (BDD) sensor coupled with a flow injection analysis (FIA) system. In the second part, an electrochemical cholesterol sensor was developed using silver nanoparticles modified glassy carbon electrode (AgNPs/GCE). In the third part, a selective non-enzymatic glucose sensor was successfully developed using bimetallic Pt/ Au modified BDD electrode. In the fourth part, a silver nanoparticle-modified boron-doped diamond (AgNP/BDD) electrode coupled with paper-based analytical devices (PADs) was developed for cholesterol detection. In the final part, the disposable boron doped diamond paste electrodes (BDDPEs) for microfluidic paper-based analytical devices ( $\mu$ PADs) were developed and employed for two applications; the quantitative detection of norepinephrine (NE) and serotonin (5-hydroxytryptamine, 5-HT), and the anodic stripping voltammetry of heavy metals.

The results demonstrated that all proposed method/ sensors provide high sensitivity, selectivity, low cost, and portability.

**Honors Announcement**  
**Dr.Sirinthara Sirivisoot**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisek Sompot Fund 2017**

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Dr.Sirinthara Sirivisoot received her doctoral degree in Veterinary Pathology from the Faculty of Veterinary Medicine, Chulalongkorn University in 2017. Currently, she is post-doctoral researcher at the Hemorrhagic Fever Research Unit at the Research Support Institute in the Faculty of Medicine, Mahidol University.

Her dissertation entitled “Immunophenotype, Molecular Diagnosis, Minimal Residual Disease, and Multidrug Resistance Protein in Modified COP, Modified CHOP and Rescue Protocols of Treated Canine Lymphomas” for which Associate Professor Dr.Anudep Rungsipipat and Associate Professor Dr.Somporn Techangamsuwan served as advisors had its first purpose to determine Pax5 expression in canine lymphomas. The second aim was to develop heteroduplex PARR for a clonality test from peripheral blood and lymph node cytology and develop ICC for lineage determination compared to IHC using Pax5 and CD3. The third objective of this research was to evaluate MRD from peripheral blood using heteroduplex PARR in canine multicentric B- and T-cell lymphomas during treatment with modified L-COP (L-asparaginase, vincristine, cyclophosphamide, and prednisolone) and modified L-CHOP (L-asparaginase, vincristine, cyclophosphamide, doxorubicin and prednisolone) for determining treatment efficacy and treatment response between two protocols. The final aim of this research was to develop a rescue protocol for refractory/relapsed canine lymphoma with lomustine (CCNU) or L-asparaginase and vincristine concurrent with toceranib phosphate.

Parts of the study appeared in four international journals, thus contributing new knowledge and deepening understanding of cancer in domestic animals.

**Honors Announcement**  
**Dr. Apichat Pangdam**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisek Sompot Fund 2017**

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Dr. Apichat Pangdam received his doctoral degree in Chemistry from the Faculty of Science, Chulalongkorn University in 2017. He was also enrolled in the joint degree program between Chulalongkorn University's Faculty of Science and the College of Science and Technology at Niigata University in Japan, earning a Ph.D. in electrical engineering and information technology in the same year. He is currently a lecturer in chemical physics in the Chemistry Department, Faculty of Science, at Srinakharinwirot University.

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**Honors Announcement**  
**Dr.Witchaya Rongsayamanont**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisek Sompot Fund 2017**

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Dr.Witchaya Rongsayamanont completed her doctoral degree in Environmental Management (International program), specializing in the management of hazardous substances and waste, from the Graduate School of Chulalongkorn University in 2017. Currently she is a lecturer in the Faculty of Environment and Resources at Mahidol University.

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**Honors Announcement**  
**Dr. Merry Sipahutar**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr. Merry Sipahutar received his doctoral degree in Biological Science from the Faculty of Science, Chulalongkorn University in 2017. He is currently a lecturer in the Department of Occupational Health and Safety at the University of Balikpapan, Indonesia.

His dissertation entitled “Isolation and Characterization of Triclocarbon Degrading Bacteria as Plant-Growth Promoter” for which Associate Professor Dr. Alisa Vangnai and Assistant Professor Dr. Jittra Piapukiew served as advisors, isolated and examined the potential of bacteria found in soil to break down triclocarbon residue. The first in-depth investigation of this subject, Dr. Chipahuthar’s study collected data on the resistance of plant-growth promoting bacteria to high concentrations of toxic pollutants in an actual agricultural setting. Triclocarban (TCC) is an emerging and persistent pollutant once released into environment. In this study, TCC- degrading *Ochrobactrum* sp. MC22, was isolated and characterized. This is the first report on plant-growth promoting bacterium with versatile capability of TCC degradation under aerobic and anaerobic conditions. The aerobic degradation of TCC occurred completely of which the kinetic analysis revealed a non- self- inhibitive substrate effect, and broad- concentration- range degradation efficiency (ranging from 0.16– 30 mg L<sup>-1</sup>). Anaerobic TCC degradation was feasible, but was significantly enhanced up to 40-50% when ferric, or acetate was provided as electron donor, or acceptor, respectively. TCC biodegradation under both conditions was proposed to initially occur through hydrolysis leading to transient accumulation of chloroanilines, which could be completely metabolized and detoxified. With concern on TCC adverse effect to plants, role of MC22 on toxicity mitigation was investigated using two legume plants: *Vigna radiata* and *Glycine max* (L.) Merr. Upon TCC exposure, damage of both plant structures, especially root system was observed, but was substantially mitigated by MC22 bioaugmentation. This study not only provides thorough TCC degradation characteristic and kinetics of MC22, but also suggests a potential role of this bacterial strain for a rhizoremediation in crop area with TCC contamination.

**Honors Announcement**  
**Dr.Thitiphan Assawincharoenkij**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr.Thitiphan Assawincharoenkij completed her doctoral degree in Geology from the Faculty of Science at Chulalongkorn University in 2017. Today she is a research assistant with the coordinating office for the SMEs development project sponsored by the Thailand Research Fund.

Dr.Thitiphan's dissertation entitled "Mineralogical and Geochemical Characteristics of Waste Rocks and Tailings from a Gold Mine in Northeastern Thailand: Application for Environmental Impact Protection" for which Associate Professor Dr.Chakraphan Sutthirat and Associate Professor Dr.Christophe Wassenberger served as advisors, is a case study based on data collected on mine waste, waste rock and tailings to determine if such waste poses a threat to the environment if not properly treated in a timely manner. To understand the potential environmental hazard, it is necessary to determine the types of minerals and toxic elements contained in the mine waste at a particular site. Here, this was done by means of physical and chemical testing of the waste rock and tailings using advanced scientific instruments. In this study, it was possible to determine the urgency with which each type of waste should be treated and the most appropriate method of treatment because different types of rock waste and tailings require different types of handling. The findings from the study have very wide, real-world application for both the government and private sectors, and it is the role of researchers to provide the facts for reducing conflicts in the local communities around the area of the case study and in other locations experiencing similar problems.

**Honors Announcement**  
**Dr.Runglawan Laumka**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr.Runglawan Laumka completed her Doctoral degree in Early Childhood Education at the Faculty of Education, Chulalongkorn University in 2017. She is currently a lecturer in Early Childhood Education in the Faculty of Education at Rajabhat University Maha Sarakham.

Her dissertation is titled “Development of Preschoolers’ Physical Well-being Enhancement Process for Parents in Rural Northeastern Region Using Participatory Action Research and Coaching Approach,” and Associate Professor Dr. Sasilak Khayankij and Associate Professor Dr. Siripan Suwanmankha served as advisors.

The objectives of the research were: 1) to develop a process to promote good health among pre-school children for parents in the rural Northeast by means of participatory research; 2) to investigate the behaviors of participants resulting from the use of the process to promote health among pre-school children, and 3) to assess the use of the process to promote health among pre-school children. This participatory study found that: 1) the process developed empowers parents/guardians through brainstorming and cooperative actions to promote health among pre-school children within a sustained system of mutual support in a real-life context. The process consisted of these five stages: 1) group building, 2) raising awareness, 3) giving alternatives, 4) suggesting action, and 5) learning from experience. There were two types of process activities: 1) advice was given to groups, and 2) separately to individual families. After completion of the process, it was found that all 12 participating parents/guardians were found to have behaviors promoting health among pre-school children at very good levels. It was also found that the pre-school children involved in the study exhibited better health-promoting behaviors.

The benefits of the research can be summarized as follows: the process empowered parents/guardians of pre-school children through support for networks. Relevant communities, organizations and units worked together on activities to promote health in pre-school children. These activities also had an impact on the ways in which the elderly and other family members cared for their health, which were through chiefly natural methods. Families consumed organic crops grown in their own community, thus recalling traditional North-eastern communal dietary practices sharing similarities with sufficiency economy principles. In the end, pre-school children, the elderly and other family members benefited from improved health care practices.

The study has also led to better understanding of health-promoting activities among people of all ages in the community. It has lessened the knowledge gap between pre-school children and the elderly through its focus on cooperative learning and information exchange among participating members of the community as well as the researcher. Through the study, young children, working-age adults and the elderly all participated in a cooperative process which promotes sustainable, lifelong learning.

The study also offers a grassroots model for solving community-level problems outside the area of research as it placed an emphasis on local wisdom and community culture. Visits were made to families to foster relations and jointly analyse, plan, execute, assess and share benefits derived from project activities. In this way, activities were linked to and helped to strengthen family and community resources. This is particularly important in the Northeast, where economic conditions are difficult, incomes are low and agriculture remains the primary occupation. Many working-age adults leave their home communities to find work in urban centers, leaving grandparents to raise small children. Through cooperation with schools, teachers and other organizations both within and outside the community, the research created a sustainable process that addresses grassroots problems affecting families, the most fundamental institution in society.

Although the study has been concluded, the process it created and the benefits it yielded continue, promoting better health practices for young pre-school children, adults and the elderly in villages in the research area and beyond.

**Dr.Phacharin Haesakul**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr.Phacharin Haesakul completed her doctoral degree in Educational Measurement and Assessment from the Research and Educational Psychology Department, in the Faculty of Education at Chulalongkorn University in 2017. She is currently an educational researcher in the Research and Development unit and Assistant Director of the Technology Development for Industry Office at King Mongkut's University of Technology, North Bangkok campus.

Dr.Phacharin's dissertation entitled "An Analysis of a Quality Assessment Model of Science Educational Provision for Basic Education in the ASEAN Community: an Application of Value-Added Model and Ability Estimation Methods," for which Associate Professor Dr.Shotika Pasiphol and Assistant Professor Dr.Prakittiya Tuksino served as advisors aimed to 1) analyze the science ability of the students after using item response theory (IRT), 2) compare the standard error of total score and subscore, and the ability of weighted average of subscore (WAS) and higher order item response model scoring (HO-IRT), 3) analyze the quality assessment model of science educational provision for Basic Education by value-added model of different science ability, and 4) compare the efficiency of the quality assessment model of science educational provision in 4 branches of science: biology, chemistry, physics, and earth science. The study was conducted in 4 member countries of ASEAN, namely Indonesia, Malaysia, Singapore, and Thailand at 670 schools and 23,554 students. The research found that: the estimated science ability of students in Indonesia, Malaysia and Thailand rose by -0.99-0.00 with positive data distribution. Only in Singapore did students gain ability in 0.01-0.99 with negative data distribution. A comparison of standard error between total score and subscore using WAS and HO-IRT found that the average standard error by HO-IRT was significantly less than WAS at the level of 0.01. Also, an analysis of the quality assessment model of science educational provision found that the variable of the students positively affected their science ability in all countries, while a comparison of the efficiency of the quality assessment model found that Model 2 and Model 4 were more efficient than Model 1 and Model 3, and that Model 4 was more efficient than model 2.

**Honors Announcement**  
**Assistant Professor Dr.Mesa Nuansri**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Assistant Professor Dr.Mesa Nuansri completed his doctoral degree in Educational Measurement and Assessment from the Faculty of Education, Chulalongkorn University in 2017. He is currently an assistant professor in the Department of Biology and General Science at the Faculty of Education, Rajabhat Walailongkorn University.

The purpose of his dissertation entitled “ Development and Investigation of Multidimensional Construct of Responsible Citizenship of Lower Secondary School Students: an Application of Construct Mapping Approach” for which Associate Professor Dr.Kamonwan Tangdhanakanond and Associate Professor Dr.Shotika Pasiphol served as advisors, was to develop both a multidimensional construct map of responsible citizenship among lower secondary school students by applying a construct mapping approach and a scale for evaluating responsible citizenship among lower secondary school students.

The research findings were as follows: The multidimensional construct map of responsible citizenship of lower secondary school students comprised three dimensions, i.e., knowledge, skill and Affective. The knowledge dimension consisted of 4 levels (i.e., Definition, Description, Analysis, and Evaluation), and the skill dimension consisted of 3 levels (i.e., Imitation, Participation, and Role Model). The affective dimension consisted of 3 levels (i.e., Perception, Value, and Conscious). Also, the multidimensional responsible citizenship scale consisted of three dimensions according to the multidimensional construct map. The construct validity of responsible citizenship model of multidimensional approach (RCMMA) was also supported.

Assistant Professor Dr.Mesa Nuansri also found that the cut- off scores of the multidimensional responsible citizenship scale classified examinees into 8 levels of ability. Overall, students had responsible citizenship at a moderate level (96.41%). When considering each dimension, it was found that most students had responsible citizenship at a relatively high level (62.00%) in the knowledge dimension and a moderate level (59.86%) in the skill dimension. In the affective dimension, most students were found to measure at a moderate level (93.41%).

The multidimensional responsible citizenship scale developed as a result of the study is well-suited to the highly complex educational assessment climate of the 21<sup>st</sup> century. The data obtained concerning the responsible citizenship levels of early secondary-school students should prove useful to those charged with devising and implementing policies intended to foster good citizenship among young secondary school students.

**Honors Announcement**  
**Dr.Narin Nonthamand**  
**Award for Outstanding Research (Doctoral Level)**  
**Raichadapisaek Sompote Fund 2017**

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Dr.Narin Nonthamand received his doctoral degree in Educational Technology and Communication from the Faculty of Education at Chulalongkorn University in 2017. He is currently a lecturer with the Educational Technology Office at the Sukhothai Thammathirat University.

His dissertation entitled “Development of an Instructional Design Model Using Video Based Open Learning with System Thinking and Group Technique to Enhance Creative Problem Solving Ability of Higher Education Students,” for which Associate Professor Dr.Jaitip Nasongkla and Assistant Professor Dr.Sayamon Insaart served as advisors, had as its purpose: 1) to develop an open learning instructional design model using video based learning with system thinking and group technique; 2) to study the effect of the model on creative problem solving of higher education students. In the first phrase, the researcher studied opinions about open learning of the three sample groups: 419 students’ in higher education institutions, 319 prospective learners interested in the courses, and 108 instructors in Educational Technology and Communications program. Instructors implemented the instructional model with 26 students and 29 students in two subjects for 8 weeks. The data were collected and analyzed with quantitative methods using mean, standard division, Cohen's kappa coefficient, and T-test, accompanied with content analysis. Findings revealed that the sample group who enrolled in the class gained higher scores in post-test creative problem solving ability than the pre-test.

The study is particularly relevant in the time of Thailand 4.0 as educational institutions increasingly turn to open learning as a means to promote exchanges of knowledge, content and shared activities among institutions. It also presents a possible open-learning model with applications for use by students, instructors, academics and researchers moving forward.



**Honors Announcement**  
**Dr.Papaporn Chaihanchanchai**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr.Papaporn Chaihanchanchai completed her Doctoral degree in Communication Arts from the Faculty of Communication Arts, Chulalongkorn University in 2017. She is currently a lecturer in advertising in the Department of Public Relations in the Faculty of Communication Arts, Chulalongkorn University.

Her dissertation, entitled “Development of Integrated Marketing Communication Measurement,” for which her advisor was Associate Professor Dr.Sarawut Anantachart, combines qualitative and quantitative research methodology. In the first stage,

Dr.Papaporn’s research expands existing theoretical knowledge relating to integrated marketing tools through the creation of a clear framework consisting of definitions and dimensions of integrated marketing communications while also constructing a model for measuring these communications. This is a theoretical model based on questions obtained from a review of the pertinent literature and in-depth interviews with scholars in related fields and experienced professionals. To develop the communication tools, the researcher used the questions from her theoretical framework to assess the quality of tools in terms of reliability and generalizability.

In addressing previously unanswered questions, this study is a valuable addition to research in the field of integrated marketing communication tools. It provides a strong set of measurement tools for assessing the quality of integrated marketing communications, which contributes to the body of knowledge in the field. Furthermore, organizations can use the measurement tools developed in the study for their own testing purposes. This will enable them to assess efficiency levels and identify strengths and weaknesses in existing integrated marketing tools from both micro and macro perspectives.

**Honors Announcement**  
**Dr.Piraya Boonprasong**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr. Piraya Boonprasong completed her doctoral degree in Architecture from the Faculty of Architecture, Chulalongkorn University in 2018. She is currently a lecturer in the Department of Architectural Arts at the Faculty of Architecture, Silpakorn University.

Her dissertation titled “Use Transformation Process of Shophouses: A Case Study of Tha Tien Shophouses, Bangkok,” for which Associate Professor Dr. Pinraj Khanjanusthiti and Assistant Professor Dr. Wimonrat Issarathumnoon served as advisors, is a grounded theory study intended to illustrate the process of use transformation of historically important buildings. In the initial phase of the study, the researcher adopted the framework of placemaking and collected data by inspecting the shophouses, and observing behaviors and activities pertaining to the uses for which the houses and the area generally are used. This shed light on the human meaning attached to the activities and places as well as the stages of use transformation. The findings were then analyzed and synthesized using place attachment, placemaking, urban anthropology and adaptability theories.

As a result of this analysis, Dr.Piraya found that the process of use transformation impacting on behaviors of use, physical changes, and the meaning assigned to a place all relate to the degree of attachment felt by the stakeholder for the place in question. This finding is valuable to those involved in architectural preservation while increasing our understanding of the process of preserving architecture in a manner consistent with social and economic conditions. It has particular relevance to policy planners involved in preserving, adapting, developing and restoring historic buildings and neighborhoods around Thailand.

**Honors Announcement**  
**Dr.Dhea Khotradha**  
**Award for Outstanding Research (Doctoral Level)**  
**Ratchadapisaek Sompote Fund 2017**

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Dr.Dhea Khotradha received his doctoral degree in Liberal and Creative Arts from the Faculty of Fine and Applied Arts, Chulalongkorn University in 2018. Currently he is a lecturer in the Department of Textile and Fashion Design at the Faculty of Textile Industry, Rajamangala Institute of Technology Bangkok.

His dissertation, entitled “The Creation of Fashion and Lifestyle Branding for Minibar in Thailand Market” for which Associate Professor Dr.Patcha Senanarong Uthitwannakul served as advisor, was an EDFR (ethnographic Delphi futures research) project that also involved producing works of design. Its chief purpose was to open new channels for distributing goods in an already saturated market and for solving the current problem of overcrowding in the field of fashion brands in the retail clothing market in Thailand. The study also sought to encourage the creation of a circular economy incorporating the Thai fashion, hotel and tourism industries in order to bring about sustained growth across the sector.

To do this, the study examined the possibility of adopting and adapting the minibar model of fashion management developed in Brussels, Belgium to conditions in Thailand. The study revealed that guidelines and principles for creating identity in the domestic minibar market, which includes an innovative ready-made fashion administrative-management system in hotels and appropriate forms for market distribution of these goods, vary across six areas divided by cultural tourism zones around the country. Dr.Dhea also found that this business model can be implemented with success by businesses in the fashion industry or that the process and principles can serve as a reference for interested researchers in the future.

**Citation for Dr.Warisara Anantato**  
**Awarded for Outstanding Doctoral Dissertation Research**  
**Ratchadapisaek Sompote Fund, 2017**

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Miss Warisara Anantato earned her doctorate degree in Thai (Folklore) from the Department of Thai, Faculty of Arts, Chulalongkorn University in 2016. She is currently a lecturer in the Division of Thai for Communication, the Faculty of Humanities and Applied Arts, University of the Thai Chamber of Commerce.

Her dissertation entitled “CAMADEVI WORSHIP: LEGEND REPRODUCTION AND RITUAL CONSTRUCTION IN CONTEMPORARY THAI SOCIETY” was written under the supervision of Associate Professor Poramin Jaruworn and Professor Dr. Siraporn Nathalang.

The purpose of dissertation is to gather the legend about Camadevi reproduced in different forms and analyse the concept of Camadevi reproduction, including the meaning concept and social area through the Camadevi worship. Field data (2013-2017) was collected in the Camadevi ritual performing areas, namely Lamphun, Chiang Mai, Phrae, Nan, and Lopburi Province. The study reveals that nowadays Camadevi legend has been reproduced in different forms, for instance, icon, sacred object, song, painting, poetry, play, and ritual by choosing the expressions or parts involving Camadevi legend. It is found that there are two concepts of ritual construction; Firstly, to combine Camadevi ritual with the original traditions; Secondly, to construct the new traditions by public and private sectors. These rituals reflect the way people adapt Camadevi legend into the contemporary Thai society in constructing cultural identity in the context of tourism, ethnic identity, local history appreciation, and female society. At the present, the social contexts constructing Camadevi rituals are the context of globalised society and tourism, and the context of creative economic capitalism, including Thai culture such as religion, supernatural power dependency, respect for females, female holy power, and monk worshipping as a cultural leader. These Context and Cultural attributes are the main factors causing the phenomenon of “Camadevi worship” over the past two decades. The research reflects how the knowledge and understanding of theories related to the study of folklore may be used to answer the research questions raised. It also serves to highlight the connection between significant issues raised in the study and various social contexts and may further serve as a model in other studies and research in the area of folklore in the future.

A report presented by  
President of Chulalongkorn University  
Professor Dr. Bundhit Eua-arporn,  
Friday October 5, 2018 (morning session)  
at Chulalongkorn University Auditorium

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Your Royal Highness,

On the occasion that His Majesty King Maha Vajiralongkorn Bodindradebayavarangkun has graciously deemed that Your Royal Highness represent His Majesty the King in attending Chulalongkorn University's commencement ceremony to bestow upon the graduates who have completed their studies from the various faculties of this university on Thursday October 4, 2018 and once again this afternoon, a most kind and gracious gesture that I, on behalf of Chulalongkorn University, am immensely grateful for

At this opportune time, may I invite Your Royal Highness to kindly proceed in bestowing upon our graduates the highest honour of receiving their degrees in accordance with announcements by each Faculty dean. May we also request that Your Royal Highness kindly deliver a speech which all graduates of Chulalongkorn University will forever treasure and recall in the years to come.

May it please Your Royal Highness.

A report presented by  
President of Chulalongkorn University  
Professor Dr. Bundhit Eua-arporn,  
Friday October 5, 2018 (afternoon session)  
at Chulalongkorn University Auditorium

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Your Royal Highness,

On the occasion that His Majesty King Maha Vajiralongkorn Bodindradebayavarangkun has graciously deemed that Your Royal Highness represent His Majesty the King in attending Chulalongkorn University's commencement ceremony to bestow upon the graduates who have completed their studies from the various faculties of this university on Thursday October 4, 2018 and once again this afternoon, the kindest and most gracious gesture that I, on behalf of Chulalongkorn University, am immensely grateful for.

At this opportune time, may I invite Your Royal Highness to kindly proceed in bestowing upon our graduates the highest honour of receiving their degrees, and awarding medals, presenting monetary rewards and the "Bhumibol Fund" scholarships in accordance with announcements by each Faculty dean, School Director, College commander, the President and Vice President accordingly. May we also request that Your Royal Highness kindly deliver a speech which all graduates of Chulalongkorn University will forever treasure and recall in the years to come.

May it please Your Royal Highness.

A report presented by  
 Vice President of Chulalongkorn University  
 Assistant Professor Dr. Chaiyaporn Phuprasert,  
 Friday October 5, 2018  
 at Chulalongkorn University Auditorium

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Your Royal Highness,

For the 2017 academic year there are altogether 138 recipients of associate degree diplomas. The student representative to receive the diplomas on behalf of all those who have completed their studies in the associate degree programmes is

Associate degree diploma in Law: Miss Jaurong Chou

The names of those receiving award medals in the bachelor's degree programmes are as follows:

**Faculty of Education**

B.Ed. in Non-formal Education	Mr. Thana Chaijiratikul
B.Ed. in Early Childhood Education	Miss Pichayapak Prajuabklang
B.Ed. in Counseling Psychology, Guidance and Special Education	Miss Wichayaporn Saenjaitham
B.Ed. in Music Education	Miss Nongnapat Patchaem
B.Ed. in Educational Technology	Miss Sarocha Iamsuranan
B.Ed. in Business Education	Miss Pitsiri Planthong
B.Ed. in Elementary Education	Miss Manatsawee Wongkarasin
B.Ed. in Secondary Education (Humanities and Social Science)	Mr. Kittikun Srithep
B.Ed. in Secondary Education (Science)	Mr. Triwit Lertjatuporn
B.Ed. in Art Education	Miss Wanida Paisopha
B.Ed. in Health and Physical Education	Miss Pattarachalita Susutti

**Faculty of Psychology**

B.S. in Psychology	Miss Yanin Tangjai
B.S. in Psychological Science	Miss Supawan Kaniyore
B.S. in Psychological Science	Miss Iris Sirirada Pattara-angkul

**Faculty of Dentistry**

Doctor of Dental Surgery	Miss Supapat Trithepchulayakul
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**Faculty of Law**

Bachelor of Law

Puriwat Chaisirirot

**Faculty of Communication Arts**

B.A. in Broadcasting

Miss Pasirin Puwanatpakdee

B.A. in Advertising

Miss Jiratilorn Buphamalo

B.A. in Communication Management

Miss Meena Ingthanet

B.A. in Public Relations

Miss Sasinee Amornratkorakul

B.A. in Motion Pictures and Still Photography

Miss Wisuta Suksawat

B.A. in Speech Communication

Miss Nopthira Ekasittichai

B.A. in Journalism

Miss Maipatcharin Satja

B.A. in Performing Arts

Miss Woranan Kanchanakan

**Faculty of Commerce and Accountancy**

B.B.A. in International Business Management

Mr. Jakrapoj Jitwannapa

B.B.A. in Entrepreneurial Management

Mr. Ninat Adulyanon

B.B.A. in International Logistics Management

Miss Natnaree Pakdeewong

B.B.A. in International Logistics Management

Miss Sunita Boonsong

B.B.A. in Marketing

Miss Pitsinee Somsakul

B.B.A. in Banking and Finance

Miss Apilapa Kongpara

B.B.A. in Accounting

Mr. Chidchanok Chidchanoknart

B.B.A. in Accounting

Miss Nattawadee Suchato

B.B.A. in Management Information Systems

Mr. Peem Kamalanon

B.B.A. in Accounting

Mr. Thanan Chanjulasin

B.S. in Information Technology for Business

Miss Jarupa Inkawitan

B.S. in Insurance

Miss Natsuda Assawakitmankong

B.S. in Mathematical Statistics

Mr. Panu Triwatchaiwong

B.S. in Applied Statistics

Miss Suwanan Santathadaporn

**Faculty of Medicine**

Doctor of Medicine

Miss Atchariya Wipattanakitcharoen

**Faculty of Pharmaceutical Science**

Pharm. D. in Pharmaceutical Care

Miss Maylapat Thiratanathananchai

Pharm. D. in Pharmaceutical Science

Mr. Rakthiwat Ngamrattakul

**Faculty of Political Science**

B.A. in Government

Mr. Sorawit Tantichusak

B.A. in International Relations

Mr. Woradorn Lertrat



B.A. in Public Administration

Miss Purichaya Dejanan

B.A. in Sociology and Anthropology

Miss Avika Onggrattanakana

### Faculty of Science

B.Sc. in Mathematics

Mr. Nawin Aksornthong

B.Sc. in Chemistry

Mr. Sattapat Satsuparb

B.Sc. in Applied Chemistry

Miss Mananya Chalermnon

B.Sc. in Applied Chemistry

Miss Suchaya Chaiworn

B.Sc. in Chemical Engineering

Miss Sittijit Darunsontaya

B.Sc. in Microbiology

Mr. Puriwat Sukwattananipat

B.Sc. in Chemistry

Miss Supitchaya Wannawimolsuk

B.Sc. in Biology

Mr. Korawit Uttayopat

B.Sc. in Biology

Mr. Nattakorn Teowcharoen

B.Sc. in Imaging and Printing Technology

Miss Siripat Thammawinit

B.Sc. in Food Technology

Mr. Kasidej Siwakul

B.Sc. in Geology

Miss Buntikarn Kuhasapsin

B.Sc. in Botany

Miss Panuwat Pattaya-araya

B.Sc. in Physics

Mr. Passakorn Piromrak

B.Sc. in Computer Science

Mr. Kanoksil Jindaduangrat

B.Sc. in Marine Science

Miss Patamaporn Krajangpho

B.Sc. in Environmental Science

Miss Nisakorn Ampalop

### Faculty of Sports Science

B.Sc. in Sports and Exercise Science

Miss Sudthida Jansomdee

### Faculty of Engineering

B.Eng. in Automotive Design and Manufacturing  
Engineering

Mr. Sirapob Chaikunsaeng

B.Eng. in Computer Engineering

Mr. Thanat Jatupattarachat

B.Eng. in Chemical Engineering

Mr. Pete Pusamritlert

B.Eng. in Mechanical Engineering

Mr. Nattapob Lakdee

B.Eng. in Nano-Engineering

Mr. Thanapat Rakpaiset

B.Eng. in Petroleum Engineering

Miss Benyapha Chotirattanasiri

B.Eng. in Petroleum Engineering

Mr. Adiruj Udomsak

B.Eng. in Electrical Engineering

Mr. Patiparn Meesuksabai

B.Eng. in Civil Engineering

Mr. Piyachote Chotiwarakul

B.Eng. in Metallurgical and Materials Engineering

Mr. Nat Tujinda

B.Eng. in Information and Communication Engineering	Miss Pattila Saengthong
B.Eng. in Environmental Engineering	Mr. Pawat Thanajiradej
B.Eng. in Aerospace Engineering	Mr, Panin Anawatanyu
B.Eng. in Industrial Engineering	Miss Pattanan Kong-ngernngarm
<b>Faculty of Fine and Applied Arts</b>	
B.F.A. in Music	Miss Patcharanat Oonkaew
B.F.A. in Music	Miss Apanuj Yuttawong
B.F.A. in Visual Arts	Miss Pornpawee Phudaeng
B.F.A. in Creative Arts	Miss Kamonwan Siripatanakulkajorn
B.F.A. in Dance	Miss Faifa Prempracha
<b>Faculty of Economics</b>	
Bachelor of Economics	Miss Pattaraporn Peetpol
Bachelor of Economics	Mr. Ittipat Prapaprasert
<b>Faculty of Architecture</b>	
Bachelor of Industrial Design	Miss Chayanit Prateep
Bachelor of Landscape Architecture	Miss Waratchaya Jaroenpol
B.Sc. in Architectural Design	Miss Napapat Lesawanit
B.A. in Communication Design	Miss Kwanjan Songkakul
Bachelor of Architecture	Mr. Witchaya Wiphusanawan
B.Arch. in Thai Architecture	Miss Wichayada Mekhiransiri
B.Arch. in Interior Architecture	Miss Pattarathida Panyakaew
<b>Faculty of Allied Health Sciences</b>	
B.Sc. in Nutrition and Dietetics	Miss Pasinee Somboonpokakorn
B. Sc. In Physical Therapy	Mr. Natdanai Jaengbamrung
B.Sc. in Medical Technology	Miss Nattaya Duangtim
<b>Faculty of Veterinary Science</b>	
Doctor of Veterinary Medicine	Miss Suyakarn Achasappawat
<b>Faculty of Arts</b>	
B.A. in History	Mr. Nat Triphum
B.A. in Philosophy	Miss Alisa Limpai boon
B.A. in Chinese	Mr. Supachai Pitithammaporn
B.A. in Japanese	Miss Tippa Sirisatjawat
B.A. in Thai	Miss Nalin Sintuprama
B.A. in French	Miss Kanoknan Boonreungtaworn

B.A. in German	Miss Supapit Lorwongkamol
B.A. in Language and Culture	Miss Nattanit Kleawpatinon
B.A. in Language and Culture	Miss Marisa Janthanawong
B.A. in Spanish	Miss Adamat Lertpan
B.A. in English	Mr. Chatchapol Pitaksali
B.A. in Italian	Mr. Atit Im-erb
B.A. in Geography	Miss Benjawan Sriperm
B.A. in Dramatic Arts	Miss Kamolwasu Jutisamut
B.A. in Information Studies	Miss Sasita Poludom

#### **School of Agricultural Resources**

B.A. in Agricultural Resources Administration	Miss Natwara Chansakul
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As His Majesty the Late King Bhumibol Adulyadej had graciously established the Bhumibol Fund for Chulalongkorn University with the purpose of allocating funds for outstanding academic performances by one student from the Faculty of Political Science and another from the Faculty of Engineering. The recipient should, in his or her final year, have received the highest scores in the final examination and qualify for first or second class honours in the bachelor's degree programme. For the 2016 academic year the recipients are

#### **First class honours graduate in Political Science:**

Sorawit Tanchusak

#### **First class honours graduate in Engineering:**

Thanat Jatupattarachat

For the “Bhumibol Fund” essay writing contest for the 2017 academic year the designated topic for this year is “**The Way of Life of a Chulalongkorn University Student – Performing Good Deeds through a Volunteer Spirit**”. The judging committee deems that the following students be the recipients of these prizes:

<b>First Prize</b>	Mr. Jutakapat Rattanapan	Faculty of Arts
<b>Second Prize</b>	Lt. JG. Sutiya Poon-iad	Faculty of Education
<b>Third Prize</b>	Miss Parinda Mahakarn	Faculty of Law

This year Chulalongkorn University has organized a contest for the best academic article on the subject “**Innovation and Thai Culture in the Twenty First Century**”. The judging committee deems that the following students be the recipients of these prizes:

**First Prize Group of students comprising the following:**

Mr. Tiandanai Sermboonpaisarn	Faculty of Education
(Representative receives the prize)	
Lt. JG. Sutiya Poon-iad	Faculty of Education
Mr. Jutakapat Rattanapan	Faculty of Arts

**Second Prize Group of students comprising the following:**

Mr. Sukrit Promsurin	Faculty of Political Science
(Representative receives the prize)	
Mr. Krittin Klaimee	Faculty of Education
Mr. Potsawee Leelapotjanaporn	Faculty of Education

And in the 2017 academic year one student from each of the university's faculties have been selected as recipients of the "Bhumibol Fund", they are:

Mr. Suparek Jankam	Faculty of Education
Miss Yasikarn Thanyalaksanakul	Faculty of Psychology
Miss Nanmanat Phuwapattanakul	Faculty of Dentistry
Miss Warissara Teeratattanon	Faculty of Law
Miss Pornpailin Chuepoon	Faculty of Communication Arts
Miss Jamin Laoprasert	Faculty of Commerce and Accountancy
Mr. Siripong Waewsritong	Faculty of Medicine
Miss Nattaporn Banjongsiri	Faculty of Pharmaceutical Sciences
Miss Siripakorn Sathongjan	Faculty of Political Science
Mr. Wisit Nitipattanapirak	Faculty of Science
Mr. Adulwit Supeena	Faculty of Sports Science
Mr. Puridej Jitsampanwet	Faculty of Engineering
Miss Duangporn Meenoon	Faculty of Fine and Applied Arts
Miss Katika Klinkaew	Faculty of Economics
Mr. Chunsiri Chai-ia	Faculty of Architecture
Mr. Saranyu Natwanlop	Faculty of Allied Health Science
Miss Jularat Meechai	Faculty of Veterinary Science
Miss Jinnipa Phuwanakolkam	Faculty of Arts
Miss Pattarawadee Meechai	School of Agricultural Resources

May it please Your Royal Highness

**List of names of persons presenting reports**  
**Thursday October 4 and Friday October 5, 2018**  
**At the Main Auditorium**  
**Chulalongkorn University**

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Report and expression of appreciation for the royal presence at the Graduation Ceremony

**Professor Emeritus Pirom Kamolratanakul, M.D.**

Chairman of the University Council

Requests for recipients of Doctoral degrees (Honoris Causa), the honorary certificates for Professor Emeritus and honorary certificates for distinguished research under His Majesty the King's Silver Jubilee Fund for the academic year 2017 be presented with their certificates

**Professor Dr. Bundhit Eua-arporn**

President

Requests for representatives of the graduates with diplomas, the recipients of medals in the undergraduate programmes, recipients of grants and the King Bhumibol Fund be presented with diplomas, medals, grants and scholarships

**Assistant Professor Dr. Chaiyaporn Phuprasert**

Vice President

List of names of persons presenting names of graduates receiving their certificates

1. Faculty of Education -- Doctoral, master's and bachelor's degrees

**Associate Professor Dr. Siridej Sujiva**

Dean of the Faculty of Education

2. Faculty of Psychology -- Doctoral, master's and bachelor's degrees

**Assistant Professor Dr. Panrapee Suttiwan**

Dean of the Faculty of Psychology

3. Faculty of Dentistry -- Doctoral, master's, diploma and bachelor's degrees

**Assistant Professor Dr. Suchit Poolthong**

Dean of the Faculty of Dentistry

4. Faculty of Law -- Doctoral, master's and bachelor's degrees

**Assistant Professor Dr. Pareena Srivanit**

Dean of the Faculty of Law

5. Faculty of Communication Arts -- Doctoral, master's and bachelor's degrees

**Professor Dr. Parichart Sthapitanonda**

Dean of the Faculty of Communication Arts

6. Faculty of Nursing — Doctoral and master's degrees  
**Associate Professor Dr. Waraporn Chaiyawat**  
Dean of the Faculty of Nursing
7. Faculty of Commerce and Accountancy -- Doctoral, master's and bachelor's degrees  
**Associate Professor Dr. Pasu Decharin**  
Dean of the Faculty of Commerce and Accountancy
8. Faculty of Medicine -- Doctoral, master's, advanced diploma and bachelor's degrees  
**Professor Suttipong Wacharasindhu, M.D.**  
Dean of the Faculty of Medicine
9. Faculty of Pharmaceutical Sciences -- Doctoral, master's and bachelor's degrees  
**Assistant Professor Dr. Rungpetch Sakulbumrungsil**  
Dean of the Faculty of Pharmaceutical Sciences
10. Faculty of Political Science -- Doctoral, master's and bachelor's degrees  
**Associate Professor Dr. Ake Tangsupvattana**  
Dean of the Faculty of Political Science
11. Faculty of Science -- Doctoral, master's and bachelor's degrees  
**Professor Dr. Polkit Sangwanich**  
Dean of the Faculty of Science
12. Faculty of Sports Science -- Doctoral, master's and bachelor's degrees  
**Assistant Professor Dr. Sitha Phongphibool**  
Dean of the Faculty of Sports Science
13. Faculty of Engineering -- Doctoral, master's and bachelor's degrees  
**Associate Professor Dr. Supot Teachavorasinskun**  
Dean of the Faculty of Engineering
14. Faculty of Fine and Applied Art -- Doctoral, master's and bachelor's degrees  
**Professor Dr. Bussakorn Binson**  
Dean of the Faculty of Fine and Applied Arts
15. Faculty of Economics -- Doctoral, master's and bachelor's degrees  
**Professor Dr. Worawet Suwanrada**  
Dean of the Faculty of Economics
16. Faculty of Architecture -- Doctoral, master's and bachelor's degrees  
**Associate Professor Dr. Pinraj Khajanusthiti**  
Dean of the Faculty of Architecture
17. Faculty of Allied Health Sciences -- Doctoral, master's and bachelor's degrees  
**Assistant Professor Dr. Palanee Ammaranond**

- Dean of the Faculty of Allied Health Sciences
18. Faculty of Veterinary Science -- Doctoral, master's and bachelor's degrees  
**Professor Dr. Rungroje Thanawongnuwech**  
 Dean of the Faculty of Veterinary Science
19. Faculty of Arts -- Doctoral, master's and bachelor's degrees  
**Professor Dr. Kingkarn Thepkanjana**  
 Dean of the Faculty of Arts
20. Petroleum and Petrochemical College — Doctoral and master's degrees  
**Professor Dr. Suwabun Chirachanchai**  
 Dean of the Petroleum and Petrochemical College
21. College of Population Studies -- Doctoral and master's degrees  
**Associate Professor Dr. Vipap Prachuabmoh**  
 Dean of the College of Population Studies
22. College of Public Health Science -- Doctoral and master's degrees  
**Professor Dr. Sathirakorn Pongpanich**  
 Dean of the College of Public Health Science
23. The Graduate School -- Doctoral and master's degrees  
**Associate Professor Dr. Thumnoon Nhujak**  
 Dean of the Graduate School
24. School of Agricultural Resource — Bachelor's degrees  
**Associate Professor Dr. Kanisak Oraveerakul**  
 Dean of the School of Agricultural Resources
25. Sasin Graduate Institute of Business Administration, Master's degrees  
**Assistant Professor Dr. Pomthong Malakul Na Ayudhaya**  
 Vice President
26. Police Nursing College – Bachelor's degrees  
**Pol. Major General Nongyao Sompittayanurak**  
 Commander of the Police Nursing College

List of names of Chulalongkorn University lecturers presenting  
Her Royal Highness Princess Maha Chakri Sirindhorn  
with degree certificates to be conferred for the 2017 academic year.

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1. Associate Professor Dr. Twittie Senivongse
2. Associate Professor Dr. Supachitra Chadchawan
3. Associate Professor Dr. Patchanita Thamyongkit
4. Associate Professor Dr. Sarinee Kalandakanond Thongsong
5. Associate Professor Dr. Ornsiri Cheunsuang
6. Associate Professor Dr. Wanlapa Aeungmaitrepirom
7. Associate Professor Dr. Kanitha Patarakul
8. Assistant Professor Dr. Kanokporn Bhalang
9. Assistant Professor Dr. Malinee Achayutthakan
10. Assistant Professor Dr. Pornpitchaya Kuwalairat
11. Assistant Professor Dr. M.L.Chittawadi Chitrabongs
12. Assistant Professor Dr. Nattiporn Nokkaew
13. Assistant Professor Dr. Jutarat Vibulphol
14. Assistant Professor Dr. Rachaneekorn Tammachote
15. Miss Sirikanya Singcuna
16. Dr. Pajaree Tachart



The Chulalongkorn University Council at its 816<sup>th</sup> meeting on June 28, 2018 has deemed that for the 2017 academic year the following persons be recognized and conferred with honorary doctoral degrees

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Honorary Doctorate in Dentistry	Associate Professor Wassana Pattanapeeradech
Honorary Doctorate in Law	Professor Emeritus Dr. Borwornsak Uwanno
Honorary Doctorate in Business Administration	Mr. Vanus Taepaisitphongse
Honorary Doctorate in Medicine	Associate Professor Prida Tasanapradit, M.D.
Honorary Doctorate in Pharmaceutical Sciences	Sorada Wangmethikul, Pharmacist
Honorary Doctorate in Science	Associate Professor Nittharatana Paphavasit
Honorary Doctorate in Engineering	Mr. Thevin Wongwanich
Honorary Doctorate in Liberal Arts	Associate Professor Dr. Napaporn Chayovan
Honorary Doctorate in Business Administration	Mr. Chartsiri Sophonpanich

The Chulalongkorn University Council at its 816<sup>th</sup> meeting on June 28, 2018 has deemed that for the 2017 academic year the following persons be appointed Professors Emeritus

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Faculty of Education	Professor Dr. Chanita Rukspollmuang
Faculty of Education	Professor Achara Chewapun
Faculty of Communication Arts	Professor Dr. Yubol Benjarongkij
Faculty of Medicine	Professor Krieng Tangsa-nga, M.D.
Faculty of Political Science	Professor Dr. Anusorn Limmanee

**Recipients of certification for outstanding research works in the  
Ratchadapisaek Sompote Fund  
For the 2017 academic year**

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Chulalongkorn University personnel:

**1. Associate Professor Dr. Niti Pakawapan, Department of Sociology and Anthropology,**  
Faculty of Political Science research work entitled “Arguing the Nation and Ethnicity”

Doctoral dissertations:

**1. Huynh Cong Nhat Nam, Ph.D**

“Inhibition of Histone Daecetylases Enhances Osteogenic Differentiation of Human  
Periodontal Ligament Cells”

**2. Benja Israngkur Na Ayudhaya Ph.D**

“The Responses of Human Periodontal Ligament Cells to Exogenous Interleukin-12”

**3. Naruedee Limpuangthip, Ph.D**

“The Quality of Complete Denture, Patient’s Satisfaction, Oral Health-related Quality of  
Life and Their Association”

**4. Nipaporn Tewawong, Ph.D**

“Molecular Epidemiology and Evolution of Influenza A and B Viruses in Thailand”

**5. Wanvisa Udomsinprasert, Ph.D**

“Role of Autotaxin for the Pathogenesis of Liver Fibrosis in Biliary Atresia”

**6. Sirintra Sirivisoot, Ph.D**

“Immunopheno type, Molecular Diagnosis, Minimal Residual Disease and Multidrig  
resistance Protein in Modified COP, Modified CHOP and Rescue Protocols of Treated Canine  
Lymphomas”

**7. Nattapong Tuntiwattanapun, Ph.D**

“Optimization of *IN-SITU* Transesterification Process for Soybean and Spent Coffee Grounds  
Biodiesel”

**8. Siriwan Nantaphol, Ph.D**

“Electrochemical Detection of Organic and Biological Compounds with Modified  
Electrode”

**9. Apichat Pangdam, Ph.D**

“Synthesis of Complex Gold Nanostructures Induced by Silver Ion”

**10. Witchaya Rongsayamanont, Ph.D**

“Characterization of biosurfactant from *Bacillus* sp.GY19 and Formulation of Dispersant of  
Petroleum Remediation in Seawater”

**11. Merry Sipahutar, Ph.D**

“Isolation and Characterization of Triclocarban Degrading Bacteria as Plant-Growth  
Promoter”

**12. Thitiphan Assawincharoenkij, Ph.D**

“Mineralogical and Geochemical Characteristics of Waste Rocks and Tailings from a Gold Mine in Northeastern Thailand: Application for Environmental Impact Protection”

**13. Runglawan Laumka, Ph.D**

“Development of Preschoolers’ Physical Well-being Enhancement Process for Parents in Rural Northeastern Region Using Participatory Action Research and Coaching Approach”

**14. Phacharin Haesakul, Ph.D**

“An Analysis of a Quality Assessment Model of Science Educational Provision for Basic Education in the Asean Community: an Application of Value-Added Model and Ability Estimation Methods”

**15. Assistant Professor Mesa Nuansri, Ph.D**

“Development and Investigation of Multidimensional Construct of Responsible Citizenship of Lower Secondary School Students: as Application of Construct Mapping Approach”

**16. Narin Nonthamand, Ph.D**

“Development of an Instructional Design Model Using Video Based Open Learning with System Thinking and Group Technique to Enhance Creative Problem Solving Ability of Higher Education Students”

**17. Papaporn Chaihanchai, Ph.D**

“Development of Integrated Marketing Communications Measurement”

**18. Piraya Boonprasong, Ph.D**

“Use Transformation Process of Shophouses: A Case study of Tha Tien’s Shophouses, Bangkok”

**19. Dhea Khotradha, Ph.D**

“The Creation of Fashion and Lifestyle Branding for Mini Bar in Thailand Market”

**20. Warisara Anantato**

“Camadevi Worship: Legend Reproduction and Ritual Construction in Contemporary Thai Society”

List of Graduates in Higher Graduate Diploma

List of Graduates in Graduate Diploma

## List of Graduates in Higher Graduate Diploma

### Faculty of Dentistry

#### Clinical Sciences in Orthodontics

- |                               |   |
|-------------------------------|---|
| 1. Miss Tipanan Yanisarapan   | 2. Miss Pornhathai Liewsaitong                  |
| 3. Mr. Wadjakorn Thummawanich | 4. Mr. Wisesphon Sutthidechanai                 |
| 5. Miss Saranya Suwankomonkul | 6. Mr. Sikared Parinyachaiphun (Representative) |

#### Clinical Sciences in Prosthodontics

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| 7. Miss Kanokporn Hansamuit       | 8. Miss Khanotai Chantapreedda   |
| 9. Miss Titiga Pothavorn          | 10. Mr. Nattawut Rattanaritnon   |
| 11. Mr. Dilokpat Sukbamroongsub   | 12. Mr. Toyoshi Ando             |
| 13. Mr. Tunyawit Purkkao          | 14. Mr. Teerachanun Sudsawat     |
| 15. Miss Paweena Duancham         | 16. Miss Pichitsri Panyasak      |
| 17. Miss Pimpisa Rangsriwong      | 18. Miss Pawilai Arriwiratchakun |
| 19. Miss Waranya Wanaphamornphand | 20. Miss Varita Tachasanskul     |
| 21. Mr. Wasan Vatanasak           | 22. Mr. Wisarut Prawatvatchara   |
| 23. Miss Sinuch Petcharoen        |                                  |

#### Clinical Sciences in Operative Dentistry

- |                               |                                   |
|-------------------------------|-----------------------------------|
| 24. Miss Thimaporn Buchakorn  | 25. Miss Natphajee Norasettrakoon |
| 26. Mr. Thanasak Rakmanee     | 27. Mr. Saranpong Pantung         |
| 28. Flg.Off. Siripa Kijanukul |                                   |

### Clinical Sciences in Periodontology

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| 29. Miss Tharntip Suwanwichit     | 30. Miss Niramol Tiensripojarn   |
| 31. Miss Nisachon Siripaiboonpong | 32. Miss Rapatchata Suthasinekul |
| 33. Miss Winita Suwanprasit       |                                  |

### Clinical Sciences in Endodontics

- |                                   |                                      |
|-----------------------------------|--------------------------------------|
| 34. Miss Jiratchaya Satitpittakul | 35. Mr. Chayapol Thumrongjaruwat     |
| 36. Miss Paweena Hanuksornnarong  | 37. Miss Pattamanuch Hirunmekavanich |
| 38. Miss Apimon Supotngarmkul     | 39. Mr. Akachai Kabuansarn           |

## Faculty of Medicine

### Clinical Sciences in Ophthalmology

- |                                   |                                      |
|-----------------------------------|--------------------------------------|
| 40. Mr. Kanawat Chantalarawan     | 41. Sqn.Ldr. Taechit Mirasena        |
| 42. Miss Pawimon Chatchutimakorn  | 43. Miss Patcharaporn Jaru-ampornpan |
| 44. Miss Pulthip Charoenphol      | 45. Miss Monthira Jermjutitham       |
| 46. Miss Rusaporn Yodying         | 47. 1st Lt. Wannasiri Limsuknirun    |
| 48. Miss Saovapak Phathanthurarux | 49. Miss Ubonwan Rasaruck            |

### Clinical Sciences in Psychiatry

- |                                    |                               |
|------------------------------------|-------------------------------|
| 50. Miss Karantararat Satjawut     | 51. Mr. Krittisak Anuroj      |
| 52. Miss Dudaroon Limsawat         | 53. Miss Navamon Sinlabud     |
| 54. Miss Wangsuk Wittayapanyanond  | 55. Mr. Sorawit Wainipitapong |
| 56. Miss Atchariya Aphiwatthanakul |                               |

**Clinical Sciences in Dermatology**

57. Miss Narisa Brownell  
59. Miss Patcharin Prechanond

58. Miss Prattana Sittiwattanawong

**Clinical Sciences in Forensic Medicine**

60. Mr. Parath Thirati  
61. Mr. Pesoln Kosalakood

**Clinical Sciences in Anatomic Pathology**

62. Miss Chutima Pinnark  
64. Miss Nichthida Tangnuntachai  
66. Lt.JG. Theerapong Lieworakul  
68. Miss Manassaporn Satitsathean

63. Miss Tikamporn Jitpasutham

65. Miss Titaporn Nopmaneepaisarn

67. Miss Pucharaporn Jiengjarayanont

**Clinical Sciences in Radiology**

69. Miss Korrakode Sirakriengkrai  
71. Miss Krittika Poksawat  
73. Miss Kittika Jiamjit  
75. Miss Jirarat Jirarayapong  
77. Miss Nutthawan Likitkumchorn  
79. Miss Dullaya Prukruddee  
81. Miss Thanudtra Chongsateintham  
83. Miss Piyamas Jullamusik  
85. Mr. Peeranut Khamenkhetskarn  
87. Miss Rachaporn Taweesakulvashra

70. Mrs. Krittika Tongin

72. Mr. Kampon Yuenyongsinchai

74. Mr. Kraiwut Onthong

76. Miss Chutiporn Kiratikajonchai

78. Miss Natthaya Ruangrattana-umporn

80. Mr. Tanat Tabtieang

82. Miss Pun Janthanimi

84. Miss Panida Wongsansuk

86. Miss Pinya Chanjaruvong

88. Miss Rattabhorn Montrisaet



89. Mr. Rattasapa Thippawan  
 90. Miss Watcharobon Marungrueang  
 91. Miss Sunatcha Jimongkolgul  
 92. Miss Amornthip Tasma  
 93. Miss Inchila Tapananon

#### **Clinical Sciences in Anesthesiology**

94. Miss Kamolporn Klangpattana  
 95. Miss Gamonmas Ekkapat  
 96. Miss Kornkanok Yuwapattanawong  
 97. Miss Chollada Bunpeth  
 98. Miss Natnicha Tangthiangtham  
 99. Miss Thanaporn Wattanakitkrileart  
 100. Mr. Tammawit Vithiprod  
 101. Miss Pokchat Tanhun  
 102. Miss Phichanan Kiatchaipipat  
 103. Miss Lalita Lertteerawattana  
 104. Miss Wanutchaporn Sujarittham  
 105. Mr. Vorrachai Sae-phua  
 106. Miss Warisa Limsakul  
 107. Miss Winnie Thaveepunsan  
 108. Miss Sarocha Sisawat  
 109. Miss Sudapree Sorasuchart

#### **Clinical Sciences in Rehabilitation Medicine**

110. Miss Kornkamon Kamboonlert  
 111. Mrs. Tianshine Kajohnwongsatit  
 112. Miss Punika Suwalak  
 113. Miss Mattana Sareekam  
 114. Miss Worarat Siriphaosuwanukul  
 115. Miss Sopatip Rerkmoung  
 116. Miss Anamon Tangjade

#### **Clinical Sciences in Surgical Specialty**

117. Flg.Off. Jatuporn Suesat  
 118. Mr. Chaiyasith Kitpaibulwattana  
 119. Mr. Nutthaphong Seangpadsa  
 120. Mr. Nattawat Thirajaroenpong  
 121. Mr. Dudsadee Mesiri  
 122. Mr. Thanadej Rakphetmanee

- |                                    |                                       |
|------------------------------------|---------------------------------------|
| 123. Mr. Thanisorn Tungprayoonlert | 124. Mr. Thiti Verathaworn            |
| 125. Miss Nimmita Srisan           | 126. Mr. Peeraya Ganoksil             |
| 127. Mr. Waranyoo Srisuwan         | 128. Mr. Weerakarn Satitniramai       |
| 129. Miss Sasima Yibsongsirikul    | 130. Miss Sarunnuch Panyavorakhunchai |
| 131. Mr. Udom Tangtrakulwongse     | 132. Miss Aisawan Asumpinawong        |

#### **Clinical Sciences in Plastic Surgery**

- |                                  |                                       |
|----------------------------------|---------------------------------------|
| 133. Mr. Krerkwit Visitsakulchai | 134. Mr. Worapon Ratanalert           |
| 135. Mr. Weerayut Weerapakorn    | 136. Miss Sarintorn Thomrongdullaphak |
| 137. Miss Orawan Kosumsupamala   |                                       |

#### **Clinical Sciences in Cardiothoracic Surgery**

- |                            |                                 |
|----------------------------|---------------------------------|
| 138. Mr. Patomphon Ekkarat | 139. Mr. Puwadon Thitivaraporn  |
| 140. Miss Lyn Matnangkoon  | 141. Mr. Mueanthep Chomvilailuk |

#### **Clinical Sciences in Urologic Surgery**

- |                           |                         |
|---------------------------|-------------------------|
| 142. Mr. Kaureuk Suksupha | 143. Mr. Pea Pobpan     |
| 144. Miss Supang Srithong | 145. Mr. Akpol Laohapan |

#### **Clinical Sciences in Colorectal Surgery**

- |                             |                          |
|-----------------------------|--------------------------|
| 146. Mr. Kriangkrai Munkong | 147. Mr. Nitikun Booning |
|-----------------------------|--------------------------|

#### **Clinical Sciences in Obstetrics and Gynecology**

- |                                    |                                    |
|------------------------------------|------------------------------------|
| 148. Miss Jarika Vatrasresth       | 149. Mr. Chaiyawut Paiboonborirak  |
| 150. Miss Nitisa Tapanwong         | 151. Miss Pannueng Udomsinkul      |
| 152. Miss Patcharaporn Chalopagorn | 153. Miss Patthanan Kasemjariyanan |

154. Miss Wasinee Tianthong

155. Mr. Supon Yawichai

156. Mrs. Saowanee Saro

#### **Clinical Sciences in Otolaryngology**

157. Mr. Kornkla Panprapakorn

158. Mr. Nut Supanakorn

159. Miss Nattharee Judee

160. Miss Dussawan Suwanwong

161. Miss Prapitphan Charoenlux

162. Miss Patcharaorn Limkitisupasin

#### **Clinical Sciences in Orthopaedics**

163. Mr. Chotetawan Tanavalee

164. Mr. Natthawat Virojanawat

165. Miss Tidarat Omkaew

166. Mr. Narathorn Kongsakpaisal

167. Mr. Matus Promsuwan

168. Mr. Waranyoo Wathanavasin

169. Mr. Sarayudh Banthanachak

#### **Clinical Sciences in Internal Medicine**

170. Mr. Kamalas Amnuay

171. Miss Kanitha Tiankanon

172. Miss Kwanwilai Chotpitchayanukool

173. Mr. Kanavut Baiphukthong

174. Mr. Jarongkorn Sirimongkolkasem

175. Mr. Jirawat Buppanharun

176. Mr. Jeerath Phannajit

177. Miss Jirarat Eiamcharoenying

178. Miss Jutamart Tantiprawan

179. Miss Julalak Karuehardsuwan

180. Mr. Chalermchai Komaenthammasop

181. Miss Chayaporn Denlertchaikul

182. Miss Chontida Krobporonchai

183. Miss Chonsiri Sethasirichote

184. Mr. Threewut Kittikundecha

185. Mr. Thirawat Jewpakanon

186. Mr. Thunyawee Sermkaew

187. Miss Tanyaporn Thisyakorn

188. Mr. Thawin Srinutta  
190. Mr. Nonthikorn Theerasuwipakorn  
192. Miss Nuntana Chumpa  
194. Miss Pariyakorn Padmindra  
196. Mr. Piyoros Lertsanguansinchai  
198. Miss Pornpan Rattanajajaroen  
200. Mr. Peachaphol Chongvoranond  
202. Mr. Pakkapon Rattanachaisit  
204. Miss Yingluk Sritunyarat  
206. Mr. Wongpitak Theppornpitak  
208. Miss Watsaporn Tiasakul  
210. Miss Witchaya Aunanan  
212. Miss Sasipak Nithiworanan  
214. Miss Somkanya Tungsanga  
216. Miss Sutatip Chinpraditsuk  
218. Miss Arissara Lerkchavee  
220. Mrs. Anthipa Chokesuwattanaskul  
222. Miss Em-On Hengwattanakul
189. Mr. Natee Faknak  
191. Miss Naritsara Cherdchoo  
193. Mr. Nithi Tokavanich  
195. Mr. Pawat Phuensan  
197. Miss Phakarat Ratprakhon  
199. Mr. Patid Hanchaipiboonkun  
201. Miss Piroonrut Wongprachar  
203. Mr. Panupong Petchoo  
205. Mr. Yutthana Rungtheeranon  
207. Miss Wasamol Mahaparn  
209. Miss Wasinee Promratphan  
211. Miss Sasitorn Wongrattanagorn  
213. Miss Siripan Kounmee  
215. Miss Suthimon Thumtecho  
217. Miss Supamon Yoomthaisong  
219. Miss Aksika Saling  
221. Mr. Ekachai Ritthiwattanadej  
223. Miss Hameeda Muhamad

## List of Graduates in Graduate Diploma

### Faculty of Dentistry

#### Clinical Sciences in Prosthodontics

- |                                  |                                     |
|----------------------------------|-------------------------------------|
| 1. Miss Jekita Kaenploy          | 2. Miss Charunya Nuchitprasittichai |
| 3. Mr. Chinnapong Lertwannapong  | 4. Miss Thanyaluck Pinyowattanasilp |
| 5. Miss Paweena Kulpiyavaja      | 6. Mr. Phuriphat Thathong           |
| 7. Miss Wareeratn Chengprapakorn | 8. Mr. Vasupol Patipipat            |
| 9. Mr. Witcha Kiettipirodom      | 10. Miss Amika Pruetlapakorn        |

#### Clinical Sciences in Oral and Maxillofacial Surgery

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| 11. Mr. Jakkrit Sowapark        | 12. Miss Chutikan Juengprasitporn |
| 13. Mr. Naruedol Rattanakornkul | 14. Miss Paknisa Sittikornpaiboon |
| 15. Mr. Mongkon Panuprayoon     | 16. Miss Sineepa Trirattanauwong  |
| 17. Mr. Auttased Maimun         | 18. Miss Ih-si Swasdichira        |

### Faculty of Medicine

#### Mental Health

- |                                  |                              |
|----------------------------------|------------------------------|
| 19. Miss Kanokporn Ruangpermpoon | 20. Mr. Gritsada Huncharoen  |
| 21. Mr. Naphat Sattayut          | 22. Mrs. Nipawan Boontabthom |
| 23. Miss Benyaras Chanpleng      | 24. Miss Pornkamol Youngdee  |
| 25. Mrs. Pornchanok Sabkerd      | 26. Mr. Pollert Puangsorn    |
| 27. Mrs. Rattana Thetwong        | 28. Mrs. Walailak Pumpuang   |

- |                            |                              |
|----------------------------|------------------------------|
| 29. Miss Watcharee Meesilp | 30. Mr. Vuthikorn Panyingyok |
| 31. Miss Sirinapha Chitsue | 32. Mrs. Sombat Makan        |
| 33. Mr. Udom Massang       |                              |

## Faculty of Veterinary Science

### Veterinary Clinical Sciences : Veterinary Surgery

- |   |                             |
|---|-----------------------------|
| 34. Miss Kanokgarn Chaiyasup                          | 35. Miss Jitrapun Jirasakul |
| 36. Miss Jintana Roonnaronkchai                       | 37. Miss Natthanit Hemtanon |
| 38. Miss Luksamee Limpongsai                          | 39. Miss Sirint Suthacheewa |
| 40. Miss Siwaporn Pattanasittiseree                   | 41. Miss Sareeya Prapaiwit  |
| 42. Miss Sucharat Chaloeawatthananon (Representative) |                             |

### Veterinary Clinical Sciences Veterinary Medicine

- |                                   |                               |
|-----------------------------------|-------------------------------|
| 43. Miss Kanyakarn Moonsarn       | 44. Miss Jeerapha Saratham    |
| 45. Mr. Teerawat Wangnimitdee     | 46. Miss Narumon Sonjam       |
| 47. Miss Navapath Issariyakulkarn | 48. Miss Nicha Hansinlawat    |
| 49. Miss Boonyaphorn Fuangfusin   | 50. Mr. Boonyakorn Wongsakul  |
| 51. Miss Patchareeya Nomaya       | 52. Miss Pichamon Taengkliang |
| 53. Mr. Sirawich Danwanichwong    |                               |

(Copy)

A speech presented by  
H.R.H. Princess Maha Chakri Sirindhorn  
To Graduates of Chulalongkorn University  
At the commencement ceremony  
2016 Academic Year  
Thursday September 28, 2017

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His Majesty the King has graciously assigned me with the task of representing him at this year's commencement ceremony at Chulalongkorn University. I wish to express my recognition for the success you have achieved as qualified persons and as graduates at this ceremony. I also wish to express my appreciation to the University for having presented to me an Honorary Doctorate Degree (*Honoris Causa*) in Medical Technology.

Once you have completed your tertiary education you are known as a "graduate" and with that you earn the privilege and rights pertaining to your degrees. This "privilege" refers to the academic capabilities in each of your particular areas of study whereas "right" relates to the legitimacy to employ your own academic knowledge to completing various tasks in ways that benefit yourselves individually as well as society in general. These "rights" and "privileges" will be endowed with value and meaning once a graduate has conducted him or herself and completed various tasks in a manner that befits the "rights" and "privileges" accorded to him or her by making use of the knowledge that has been gained with honesty, sincerity and in an accurate manner. The graduate should also work diligently in honing his or her skills so as to further enhance what has been learned. Those who are capable and endowed with knowledge but fail to use what they have learned and do not further their knowledge or those who employ that knowledge in ways that are dishonest or unethical will render such rights and privileges mere words that appear meaningless on the certificate they have received. In so doing the graduate will become a graduate only in name. I therefore urge that all of you gathered here today conduct yourself in a way that corresponds fully to the words rights and privileges in accordance with your degrees. You should therefore lead a life that adheres to the path of virtue and righteousness that is truly befitting to your status as a graduate.

In the name of His Majesty the King may all graduates be blessed with success and fulfillment in their personal and professional lives and may all those who are gathered here be endowed with happiness and prosperity.

Certified true copy

(Signature)

(Miss Pawiwat Khamcharoen)

Bureau of the Royal Household

September 28, 2017

(Official Seal Affixed)

Oathtaking by Chulalongkorn University Graduates  
At the Commencement Ceremony

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May it Please Your Majesty.

May I request your kind and gracious permission to lead all graduates gathered here today as they solemnly take their oath.

“I, ...(state name) ... , as graduates of Chulalongkorn University hereby offer my pledge in the presence of the representative of His Majesty the King and all distinguished persons that I am fully determined to uphold the glorious institutions of the nation, religion and the monarchy to ensure that the people of Thailand enjoy continued and lasting prosperity. I also pledge to promote harmony and unity within the community and society, to conduct myself in adherence to a virtuous path, to employ the knowledge I have gained so that it be immensely beneficial to the people of Thailand in ways that deserve to be reflected upon the institution from which we have graduated. We also vow to proudly maintain our status as graduates and the rights appertaining to the degree we have received and forever to uphold the illustrious name of Chulalongkorn University so that it lives on in eternity,”

May it please your majesty.