



Chulalongkorn University

2018 Academic Year

Graduation Ceremony

Thursday October 3rd and Friday October 4th, 2019

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 2018
at Chulalongkorn University Auditorium

Thursday, October 3rd, 2019

- 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 (a male and a female) of the graduates present 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 an 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 respect to the Triple Gems
 - : 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 reads a citation on the occasion that the University Council has conferred upon
 - : The President of Chulalongkorn University delivers a report on the University's activities during the year 2018 and introduces the Deans of the Faculty of Commerce and Accountancy, and The Faculty of Fine and Applied Arts, and they request that the graduates be presented with Doctoral, Master's and Bachelor's degrees and be presented with degree certificates (911 graduates in total)
 - : Her Royal Highness Princess Maha Chakri Sirindhorn presents the degree certificates to the graduates
(the 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 Economic , the Faculty of Veterinary Science, The Faculty of Psychology, The Faculty of Engineering and Vice President Asst. Prof. Dr. Pomthong Malakul Na Ayutthaya on behalf of the Sasin Graduate Institute of Business Administration request that the graduates be presented with Doctoral degree, Master's degree and Bachelor's degree certificates (1,154 graduates in total)
- : Her Royal Highness Princess Maha Chakri Sirindhorn presents the degree certificates to the graduates (the 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 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 foyer
- : places floral garlands in front of the portraits of King Chulalongkorn and King Vajiravudh
- : pays respect at the royal portraits
- : takes a short break in Room 112
- : proceeds to Room 111
- : is seated at the dining table
- : has lunch
- : leaves Room 111
- : 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 the 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 2018 be presented with their certificates (altogether 21 recipients)

- : The Princess presents the Doctoral degree certificates (Honoris Causa) and the honorary certificates to the recipients in that order
(monks chant a blessing)
- : the Deans of the Faculty of Science and the Faculty of Arts, request that the graduates be conferred with Doctoral, Master's and Bachelor's degrees and be presented with the degree certificates (1,069 graduates in total)
- : the Princess confers the degree certificates on the graduates
(the 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 Political Science, Communication Arts, Allied Health Sciences, Nursing and The Dean of the Graduate School requests that the graduates be presented with Doctoral and Master's degrees, Advanced Graduate Certificates, Graduate Certificates and Bachelor's degrees (to be conferred on 1,317 graduates in total)
- : the Princess presents the degree certificates to the graduates
(the 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)
- : 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 4th, 2019

- 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 Chakri Sirindhorn enters the Reception Room on the first floor
- : proceeds to the Reception Room on the second floor to put on the 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 respect to the Triple Gems
- : proceeds to be seated
- : The President of Chulalongkorn University introduces the Deans of the Faculty of Education, the School of Agricultural Resources and the Faculty of Architecture and they request that the graduates be presented with Doctoral, Master's and Bachelor's degrees and be presented with degree certificates (1,028 graduates in total)
- : Her Royal Highness Princess Maha Chakri Sirindhorn presents the degree certificates to the graduates (the 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 Law, the Faculty of Medicine and Faculty of Science request that the graduates be presented with Doctoral degree, Master's degree and Bachelor's degree certificates (1,162 graduates in total)
- : Her Royal Highness Princess Maha Chakri Sirindhorn presents the degree certificates to the graduates (the 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 Room 111
- : takes a rest at Room 112
- : leaves for 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 the 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 respect at the altar
- : proceeds to be seated
- : the President introduces the Deans of the Faculty of Engineering, the Faculty of Pharmaceutical Science and the Faculty of Dentistry and they request that the graduates be presented with Doctoral, Master's and Bachelor's degrees (1,280 graduates in total)
- : the Princess confers the degree certificates to the graduates (the 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 Sports Science, the College of Public Health Sciences, the Petroleum and Petrochemical College, the College of Population Studies, the Faculty of Commerce and Accountancy and the Director of the Police Nursing College request that the graduates be presented with Doctoral, Master's and Bachelor's degrees (1,012 graduates in total)
- : the Princess presents the degree certificates to the graduates (the 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 (in total of 142 recipients)

- : The Princess presents diplomas, medals, grants and the King Bhumibol Scholarships to the recipients
- (the 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 respect 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)

Dress code: Regular white uniform

Statement of gratitude by
Chairperson of the Chulalongkorn University Council
Professor Emeritus Dr. Pirom Kamolratanakul
Thursday October 3, 2019
at Chulalongkorn University Auditorium

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 2018 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 2018 academic year.

May it please Your Royal Highness

**A report on University Matters for the 2018 academic year
by Professor Dr. Bundhit Eua-arporn, President of Chulalongkorn University,
Thursday October 3, 2019 (morning session)
at the Main Auditorium, Chulalongkorn University**

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 2018 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 2018 academic year saw a total of 10,160 new enrolments, 6,498 of whom are undergraduates and 3,662 at the graduate level. The total number of students is 37,018 of which 25,382 (68.6%) are undergraduates and 11,637 (31.4%) are graduates. As a whole the total number of this year's enrolment is 28 students less than last year.

At present the University offers a total of 442 degree programs, of which 98 programs are international or English programs. There are altogether 73 undergraduate level programs and 369 graduate programs and 211 of them are Master's Degree programs.

The University has carried out its task of curricula and education development for example the development of the Transdisciplinary Integrated Curriculum, implementing Active Learning and Lifelong Education, offering a Liberal Arts Program as well as a Bachelor of Science in Integrated Innovations (International Program), emphasizing the integration of subjects in the Liberal Arts and Sciences to ensure that its graduates are endowed with the capabilities of the 21st century. New technological structures are now in place to support new forms of learning, promoting self-learning methods so that students are filled with the desire to pursue knowledge themselves. They should be ready to embrace the current changes they face today and to be able to foresee the trends of the future.

In terms of physical spaces and creating an ambiance conducive to learning, the University emphasizes the use of space for students to be able to learn together in groups by providing an information technology system and internet structure that makes it possible to access information in all areas.

In the past year there has been an exchange of faculty and researchers with as many as 935 outbound and 68 inbound exchanges. As many as 982 students have been sent abroad for studies and presentations while on the other hand 1,325 foreign students have come to Chulalongkorn University for study/research/practical training. There is now an agency to support innovations as an incubator that provides students with the opportunity to develop their potentials in the form of startups.

Specifically, in terms of scholarship support and assistance, provisions have been made for needy students who can avail of 1,715 welfare scholarships worth 49.4 million baht and about 2.3 million baht in scholarships for students who have brought fame to the university and 462 have applied for student loans worth a total of 23.5 million baht. At the graduate level, 14 types of scholarships are available for students to respond to their needs in terms of education, research, student presentations and theses writing. 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 673 awards for their various endeavors

Performance in research, development and innovation

The University targets the creation of excellence in academic and research matters and aims to create knowledge, integration and creative innovation that can be further developed and targeted to benefit a wider circle.

In the past year the University has had as many as 1,989 research projects, both new and continuing projects, that received research funding totaling an estimate of 2 billion baht. We have introduced various driving strategies to promote research with a clearer direction and created supporting systems such as increasing the number of research groups working as teams divided into three levels: 41 groups of Special Task Force for Activating Research : STAR, 148 units for Research Units : RU and 40 Centers of Excellence : CE – a total of 229 units.

In terms of implementing the projects aimed at strengthening the university as it moves into its second century for research a large scale Frontier Research project aims at promoting allies in research strategies for international research through the creation of the International Research Forum to enable proactive alliances with leading universities in the world by jointly producing doctoral degree graduates. This has been launched this year with scholarships for doctoral students as well as post-doctoral research funding. Support has also been rendered to some interesting projects such as the ChulaAri which is related to the aging society, a Robotics project, a cancer project and a project to further develop herbal products.

This year our personnel both lecturers and researchers have been recipients of a total number of 109 awards, 36 at the international level and 73 at the national 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 deriving from its areas of expertise that could benefit society. In the past year there have been a total of 3,542 projects with 126,145 situations serving as many as 2.7 individuals or agencies.

The University is promoting the concept that would benefit the society in terms of lifelong education and preparation for entering into an aging society. It has developed the CHULA MOOC project which is a form of online learning that provides people from all walks of life to access

various subjects which is a way of extending education to society. The project has been well received the most popular being the SPACE project offered by the Faculty of Commerce and Accountancy which is an online program aimed at offering knowledge on business practices.

In the past year the University has disseminated information, academic matters and presented topics that are the focus of inquiry or interest or pertaining to issues that have direct impact on society via online media as well as round table discussions on relevant topics of interest such as “The Rabies Crisis”, “Endangered Animals” “Chula Offers Solutions to the PM 2.5 Particulate Matters” etc.

We have also created the “Chulalongkorn University Innovation Hub” which aims to promote the creation of skills needed for innovation entrepreneurs which provides opportunities for creating inspirations, continuing research works, supporting student developments and providing opportunities for the general public.

Performance on Conservation of the Arts and Culture

The University considers the conservation of arts and culture as a serious matter and has 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 with altogether 585 or more activities held throughout the year attracting more than 130,000 interested persons. Some of the interesting activities include musical and dance performances, the *Wai Khru* ceremony paying respects to venerable Thai classical music teachers, classical music concerts performed by the Symphony Orchestra of Chulalongkorn University featuring the university’s own songs in a new arrangement performed by faculty members and alumni who are now well known musicians, the sixth art exhibition of the works by famous artists who are administrators and personnel of this University and more than 20 western music recitals in collaboration with national and international agencies.

This year we have had the opportunity to organize continuing activities in celebration of His Majesty the King’s coronation such as a special lecture for the General Education Short Program (CUVIP Talk) on the subject of the royal coronation ceremony by Distinguished Professor Tongthong Chandransu, a tree planting activity by members of the Chula community in honor of His Majesty the King on the occasion of his coronation in 2019 and a concert to commemorate this memorable occasion featuring both Thai and western musical performances.

We have also compiled several books for publication as a way to disseminate knowledge to those who are interested in various subjects such as “Buddhist Dharma words often misunderstood”, the fourth volume cataloguing art works found in all museums and galleries in Chulalongkorn (published in English) and the Tipataka Studies Project which provides a compilation of online learning media on “2,600 Years in Continuing the Pali Tipataka.

The University has activities that promote exchange of cultural knowledge such as the ASEAN art integration project which marks the collaboration between universities in the AUN-AYCF network of Thailand or the hosting of the World Hindi Language Day.

We are proud too that this year the “Chulalongkorn Centernery Park” won an award for large scale completed projects from the World Landscape Architecture Awards 2019 (WLA). The park is a model of metropolitan parks that showcases the most effective forms of management of space and water resources in an environmentally friendly manner.

With regard to seeing to it that attention is given to ensuring a sustainable environment the University has continued to employ its zero waste program to promote and instill the concept so that it becomes a vital way of life of our staff and students and expand further to dissemination and the results have been so far satisfactory. During the past year Chulalongkorn has been ranked in the UI GreenMetric World University Ranking for Green Universities for 2018 at number 95 in the world and number 3 in Thailand. It has scored first in Thailand in 4 indicators i.e. Energy Management, garbage management, transportation and education and research.

In the 2018 academic year there are a total of 9,429 graduates comprising 481 doctorate degree, a total of 2,835 master’s degree, 52 degree certificate level, higher diplomas, 247 bachelor’s degree level 5,625 and 189 one associate degree level.

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 2018 academic year
Thursday October 3, 2019 (afternoon session)
at Chulalongkorn University Auditorium

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 2018 academic year the University Council of Chulalongkorn University at its 828th meeting on June 27, 2019 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 doctoral degree in Education:

Associate Professor Dr. Thisana Khaemane

Honorary doctoral degree in Law:

Professor Dr. Surakiat Sathirathai

Honorary doctoral degree in Medicine:

Professor Usa Thisyakorn, M.D.

Honorary doctoral degree in Economics:

Dr. Ampon Kittiampon

Honorary Doctoral Degree in Arts:

Professor Dr. Ampha Otrakul

Honorary Doctoral Degree in Liberal Arts:

Professor Dr. Sergei Scherbov

Honorary Doctoral Degree in Liberal Arts:

Veterinarian, Professor Emeritus Dr. Annop Kunavongkrit

Honorary Doctoral Degree in Political Science:

Assistant Professor Amphon Namatra

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 2018 academic year those being appointed as Professor Emeritus are:

Faculty of Dentistry:

Professor Jintakorn Kuvattanasuchati

Faculty of Communication Arts:

Professor Metta Wiwattananukul

Faculty of Medicine:

Professor Dr. Kammant Phanthumchinda

Faculty of Political Science:

Professor Dr. Charat Suwannamala

Faculty of Science:

Professor Dr. Pattarapan Prassassarakich

Faculty of Arts:

Professor Dr. Chonlada Ruengraklikhit

Faculty of Arts:

Professor Dr. Suwanna Satha-anand

Faculty of Arts:

Professor Dr. Sirimonporn Suriyawongpaisal

Faculty of Arts:

Professor Dr. Pornsan Watanangura

For the recipients of distinguished research under His Majesty the King's Silver Jubilee Fund for the 2019 the following six lecturers and researchers have been selected for their research works:

Yaowalak Panyasing (DVM, Ph.D.)

“Working Toward a CSFV Oral Fluid Antibody ELISA: Defining Oral Fluid Antibody (IgA, IgG) Kinetics Against Envelope Glycoproteins (E2, Erns)

Associate Professor Dr. Kulaya Somboonwiwat

“Protein and Regulatory MicroRNAs in Shrimp Immunity Against Severe Pathogens”

Assistant Professor Thanapan Laiprakobsup

“Policy Network Advocacy in Rural Thailand: Case Studies of Agricultural and Community Welfare Policies”

Associate Professor Dr. Puangthong Pwakapan

“Thai Foreign Relations in the Cold War Era”

Associate Professor Dr. Sasi Pongsarayuth

“The Innovative Notation of Pali Sound from the Phonetic Tipitaka (Saj-Sha-Ya Tepitaka)

Dr. Songsak Madsalah

“The Development of Roman Alphabets for Enhancing Arabic Pronunciation Skill of Thai Learners”

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

Commendation on the Occasion for recipients
of doctorate degrees (*honoris causa*),

**Commendation on the Occasion when
Professor Jintakorn Kuvattanasuchati
is appointed
Professor Emeritus in the Faculty of Dentistry**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognized that Professor Jintakorn Kuvattanasuchati is acknowledged as an academic whose knowledge and expertise in microbiology is exemplary. He has devoted himself diligently to the tasks of teaching and academic research and is widely accepted at both the national and international level. Therefore, he is deserving of this honor that ensures he will forever be a role model to all.

Professor Jintakorn Kuvattanasuchati received his Bachelor of Dentistry degree from Chulalongkorn University in 1974 and entered the civil service as a lecturer in the Department of Microbiology, Faculty of Dentistry, Chulalongkorn University that same year. He furthered his education at the same institution and received his Master's of Pharmaceutical Studies (Microbiology) in 1981, then pursued his studies in Oral Microbiology graduating from Mund University in Sweden in 1986. By royal appointment he became a level 10 Professor in 2011. His volume of research includes as many as twenty text books, eight of which are publications in international journals, with two of the textbooks centering on the subject of microbiology and oral cavity disease that serve as a crucial basis in the dental profession.

Aside from imparting his knowledge on microbiology to second, third and fourth year undergraduate students, Professor Jintakorn Kuvattanasuchati has also served as a mentor for third, fourth and fifth year students in their research practicum. He has instilled in his students concepts and values derived from his personal experience as a dentist for over 38 years constantly reminding them that patients need to be treated in the manner set forth by His late Majesty King Bhumibol's Prince Father, the Prince of Songkhla who prioritized the needs of his patients ensuring that they be treated with empathy and compassion. His students are reminded of the importance of rational thinking to determine the cause and incidence of disease and to perceive how essential microbiology is in the dentistry profession. It should also be stressed that, as a practicing dentist himself, he adhered to the training process of intellectual self-questioning. He has served as a reader assessing the quality of papers submitted to the academic journal of the Faculty of Dentistry, Chulalongkorn University. These efforts continued even after his retirement from government service with academic work for other academic institutions such as Vajira Hospital's Vajira Medical Journal and the Journal of Urban Medicine.

Professor Jintakorn Kuvattanasuchati has pioneered the study of microbiology in relation to dentistry and has published widely on this subject. Even after his retirement his articles have appeared in the PubMed data base. In 1996 he was awarded the distinguished title of National Researcher.

Professor Jintakorn Kuvattanasuchati held the administrative position of Head of the Department of Microbiology at the Faculty of Dentistry, Chulalongkorn University (2001-2005). He has been invited to serve on the screening committee for award applications at Mahidol University. He continues to contribute his time and talents to the Department of Microbiology as a guest lecturer and adviser to those taking Microbiology Practicum courses. Known for his strong determination and devotion he has earned unwavering love and respect from his students. He continues to write and to publish academic works and to contribute his academic expertise for the benefit of his society. For the past twenty years he has volunteered his services to the mobile dental clinic, which is a royal initiative, in the same way that he has done for the mini dental clinic of the Faculty of Dentistry, Chulalongkorn University which gives free basic dental treatment to the poor and needy.

Professor Jintakorn Kuvattanasuchati is a scholar who is endowed with competence, virtues and ethics in the academic and professional areas. He has brought recognition to his Department, Faculty and to the University and Chulalongkorn University Council has thus, unanimously agreed to appoint him Professor Emeritus of the Faculty of Dentistry to honour him in the years to come.

**Commendation on the Occasion when
Professor Metta Wiwattananukul
is appointed
Professor Emeritus in the Faculty of Communication Arts**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognized that Professor Metta Wiwattananukul is exemplary as an academic who is highly specialized in the area of Speech Communication with particular focus on Intercultural Communication. Her research has been well received at both the national and international level and she has demonstrated personal and professional ethics in all her endeavors. It is therefore befitting that she be honored and regarded as an exemplary figure henceforward.

Professor Metta Wiwattananukul received her Bachelor of Arts majoring in English from Chulalongkorn University in 1979. She earned her Master's degree in Speech Communication from the University of Arizona and a subsequent Master's in Communication Studies from the University of Kansas in the U.S.A., in 1981 and 1986, respectively. She became a faculty member of the Department of Speech Communication and Performing Arts, Faculty of Communication Arts, Chulalongkorn University where she served until her retirement. Since her retirement she has continued to render academic services at the Faculty of Communication Arts accepting invitations to teach classes, serve as guest lecturer or thesis adviser or examiner at both master's and doctoral levels as well as serving on various committees for the Faculty of Communication Arts and several other agencies in Chulalongkorn University.

Professor Metta Wiwattananukul has devoted herself totally to fulfilling the tasks within her responsibility with a sense of honesty and integrity. She serves as a good example for her teaching colleagues, staff and students to emulate. She has shown her potential in developing academic works of outstanding quality that have been accepted nationally and internationally. Several of her academic and research papers have been accepted for publication by reputable mainstream publishers and have received awards that have brought pride and honor to the Faculty of Communication Arts and to Chulalongkorn University.

As an educator, Professor Metta Wiwattananukul is acknowledged as a person who is adept at communicating complex theories and ideas and making them easy to understand. She is known for her unique quality as an engaging speaker and communicator. The results of her teaching performance overwhelmingly show how students are able to understand the subject matter being conveyed and are thoroughly satisfied with what they can learn from her. She is often invited as a resource person and guest lecturer by agencies within the University and those from outside both in the private and government sectors. She has tirelessly devoted her time and effort to sharing what she deems to be beneficial to the public without any concern for what remuneration she might receive. Her hope is to instill in her audience the importance of recognizing communication behavior that is inappropriate and persuading them that they can achieve effective communication skills while at the same time being mindful of good moral and ethical practices.

Professor Metta Wiwattananukul is a scholar who has contributed in significant ways towards the academic and professional circles in Communication Arts, particularly Speech Communication. She has displayed moral virtues while adhering to professional ethics and has achieved recognition at the national and international level. Chulalongkorn University Council has, thus, unanimously agreed to appoint her Professor Emeritus of the Faculty of Communication Arts to honour her in the years to come.

**Commendation on the Occasion when
Professor Dr. Kammant Phanthumchinda
is appointed
Professor Emeritus in the Faculty of Medicine**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognized that Professor Dr. Kammant Phanthumchinda is acknowledged as an exemplary academic whose knowledge, capability and expertise in neurology has been of immense benefit to the teaching of and research in this subject. He is widely accepted at both the national and international level and is therefore deserving of this honor that ensures he will forever be a role model to all.

Professor Dr. Kammant Phanthumchinda received his Bachelor of Science (second class honors) degree in 1973 and Doctor of Medicine with honors in 1977 from Chulalongkorn University. He later obtained a Master of Science degree in Clinical Epidemiology from McMaster University, Canada in 1985. He entered the civil service at the Department of Internal Medicine, Faculty of Medicine, in 1980, and received certification for his knowledge and expertise as a practitioner in Neurology that same year and a document of certification for knowledge and expertise in internal medicine specializing in Geriatrics Medicine. In 1991 was appointed as Professor by the Medical Council of Thailand.

Professor Dr. Kammant Phanthumchinda has distinguished himself being appointed Fellow by numerous foreign institutions such as The Royal College of Physicians (London) (FRCP), The American College of Physicians (FACP), The Royal Australasian College of Physicians (FRACP) and The Philippine College of Physicians (FPCP). He also been awarded Chulalongkorn University's Outstanding Personnel under the category of Best Teacher in 1993, co-awardee for His Majesty the King's Jubilee Research Fund by Chulalongkorn University in 2001 and certificate for outstanding physicians shortlisted by the Thai Medical Council in 2004.

Professor Dr. Kammant Phanthumchinda has held important administrative positions, for example, Head of the Department of Internal Medicine, President of the Royal College of Physicians of Thailand, President of the Neurological Society of Thailand and currently serves in other vital positions such as President of the Dementia Association of Thailand and Member of the Medical Council of Thailand, member of the subcommittee of the National List of Essential Medicines for Neurology. Since his retirement from government service he has been invited to be a guest lecturer at the Faculty of Medicine, Chulalongkorn University and King Chulalongkorn's Memorial Hospital at the Thai Red Cross Institute.

In terms of his accomplishments in research, Professor Dr. Kammant Phanthumchinda has studied the medicinal characteristics of neurological diseases especially rare cases or those detected for the first time in Thailand. His research has had a profound impact at both the national and international level. His involvement in outstanding research projects has included a research project in collaboration with the World Health Organization on the impact of birth control pills and the

occurrence of strokes, a study on the epidemiology of headaches and dementia which also received publication in an international journal.

To this day, Professor Dr. Kammant Phantumchinda has contributed made a contribution by establishing specialized clinics for neurological diseases such as headaches and dementia and he continues to treat both inpatients and outpatients to the present. He is also invited to give academic lectures, serving as a committee member to assess applications for academic tenure at several institutions and is a member of many medical and public health committees and sub-committees.

In his role as a teacher, Professor Dr. Kammant Phantumchinda, is a medical lecturer in clinical neurology who places emphasis on applying rational and systematic thinking and who has applied a basic knowledge in medical science and empirical inquiry to find clinical solutions that his students can understand and benefit from leading also to its application in other areas of medical studies. He is a devoted adviser to his students and a longstanding committee member on numerous theses examinations at the graduate level.

As a medical practitioner, Professor Dr. Kammant Phantumchinda, is exemplary in his role as a physician who conducts his practice with a high sense of responsibility, virtue, diligence, tolerance and discipline. He is well loved by his co-workers both superiors and subordinates as well as his patients. He has maintained his expertise by keeping abreast with the ever-changing academic advancements in his field of study.

Professor Dr. Kammant Phantumchinda is a scholar who is endowed with competence, virtues and ethics in the academic and professional areas. His works are widely recognized at the national and international level. Chulalongkorn University has, thus, unanimously agreed to appoint him Professor Emeritus of the Faculty of Medicine to honour him in the years to come.

**Commendation on the Occasion when
Professor Dr. Charat Suwannamala
is appointed
Professor Emeritus in the Faculty of Political Science**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognized that Professor Dr. Charat Suwannamala is acknowledged for his expertise in public finance and local government. He is an academic who has played a crucial role in pushing forward the agenda of decentralization of power and local government in Thailand in accordance with the 1997 constitution along with calling for regulations to be set on the state complying with fiscal discipline.

Professor Dr. Charat Suwannamala received his Bachelor's Degree in Political Science from Chulalongkorn University in 1976, a Master's Degree in Economics also from Chulalongkorn University in 1981, a Master's Degree in Public Administration (with honors) from the National Institute of Development Administration in 1983 and a Doctorate in Political Science from Northern Illinois University. He has written extensively on matters related to public finance and local finance for target audiences at both the national and international level. Some of his works include: "The Budget System and Management Aiming at Success in the Government Sector", "The Relationship between the State and Modern Day Citizens" (2003), "Basic Knowledge on Public Finance Administration", "Government or Local?: Who Should Provide Public Services?", "Local Thai Innovations and State Sector Finance in Relation to Power Struggles, Betrayals and Recklessness" (2013). He has also worked for the World Bank as an expert on Financial Decentralization and headed numerous research projects such as the project for compiling a 20 year plan for the development of the Bangkok Metropolis (2013-2032) and the New Path for Local Thai Government Institutions project. He initiated the idea of turning networks of Thai political data websites into public information for those interested in gaining in depth information on the subject of Thai politics. He received the award for Outstanding National Researcher in Public Administration from the National Research Council of Thailand in 2011. In terms of government and politics he served as a member of the Committee on Decentralization in the early days and took part in the Thai Constitution Drafting Committee in 2012. He was appointed a member of the National Reform Council from 2014 to 2015 and President of the Rajabhat University of Songkhla University Council (2015-2018).

Other than his outstanding academic achievements for which he is renowned, Professor Dr. Charat Suwannamala is also well known for the simple way of life he has chosen to lead which has become a model which many of his colleagues and students wish to emulate. As Dean of the Faculty of Political Science he made it his habit to ride his bicycle to the various conference venues he was attending. He is known to cultivate good human relations and has excellent interpersonal skills making it his priority to value human dignity and always treating those he works or comes into contact with with honor and respect.

As an educator, Professor Dr. Charat Suwannamala is endowed with the teaching spirit, adhering not only to the lecture format but also bringing up important current events as case studies for discussion. His students are always welcome to express their opinions thus allowing intellectual thinking to flourish and enabling learners to connect theoretical knowledge with actual occurrences in society. His students have gone on to be university lecturers themselves in universities all over the country and continue to uphold his teaching spirit and a living testament to the role played by Professor Dr. Charat Suwannamala in employing human and intellectual resources to serve the country.

As an administrator, Professor Dr. Charat Suwannamala was Dean of the Faculty of Political Science, Chulalongkorn University (2006-2010). He was the proud recipient of the Outstanding National Researcher Award from the National Research Council of Thailand in 2011 in Public Administration. He has good rapport and is able to work well with others whether in administration, research or academic services ensuring that all tasks are carried out smoothly. It is well accepted that by nature he is straightforward, honest and sincere and he is a morally upright person who adheres to the principles of good governance in his work. When he encounters anything does not appear to be right or appropriate he will immediately make sure that he raises objections or admonishes the perpetrator to ensure that similar mistakes and errors do not arise. He is clear that any kind of project that relies on state funding must adhere strictly to the principles of good governance and that its execution should yield the greatest benefits possible. He insists on righteous deeds alongside compassion and his thoughts and decisions are honest and straightforward, hence he has become a role model in his professional endeavors that others should emulate.

Having retired from academic life, Professor Dr. Charat Suwannamala continues to accept invitations as a thesis examiner at both the master's and doctoral levels. He has also shown a willingness to help out with any tasks whether academic or otherwise requested of him by the Faculty of Political Science.

Professor Dr. Charat Suwannamala is a scholar who is endowed with competence, virtues and ethics in the academic and professional areas. He has brought recognition to his Department, Faculty and to the University and the society at large, so Chulalongkorn University Council has unanimously agreed to appoint him Professor Emeritus of the Faculty of Political Science to honour him in the years to come.

**Commendation on the Occasion when
Professor Dr. Pattarapan Prassassarakich
is appointed
Professor Emeritus in the Faculty of Science**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognized that Professor Dr. Pattarapan Prassassarakich is an exemplary academic who is endowed with knowledge and expertise. She is highly qualified in the area of chemical engineering and has devoted her life to being an educator who has also worked extensively on research into polymers and the development of alternative energy from biomass. Her research has been well received at both the national and international levels and it is befitting that she be honored and regarded as an example to all.

Professor Dr. Pattarapan Prassassarakich earned her Bachelor of Science degree from Chulalongkorn University in 1973 and a Master of Science degree in Chemical Engineering from the University of Wisconsin in 1974, followed by a Doctorate of Science in Chemical Engineering from Kansas State University in 1979. That same year she began her career as a lecturer at the Department of Chemical Technology, Faculty of Science, Chulalongkorn University and was tenured as Assistant Professor, Associate Professor and Professor in Chemical Engineering in 1982, 1986 and 1995.

Professor Dr. Pattarapan Prassassarakich is an expert in the teaching of Chemical Engineering Thermodynamics and has authored a textbook on that subject which has been widely used by academics from various institutions and is often cited in subjects dealing with Chemical Engineering and other related fields.

In the research projects she has conducted Professor Dr. Pattarapan Prassassarakich's focus has been on polymers and fuel technology. One important research on polymers concerns the hydrogenation of natural rubber and the graft polymerization of natural rubber that could lead to the development of natural rubber products in the polymer industry in the future. In terms of her research on fuels are the study of biomass processing to liquid fuels and the production of biomass oil through Supercritical Liquefaction of biomasses such as sugarcane, corn and palm oil. Her continuous research on biofuels has led to other vital research such as biodiesel production by way of hydrogenation of raw palm oil and used vegetable oil and the desulpherization of diesel oil through the process of absorption. A total of 113 of her research works have been published in international journals with a widely accepted data base and a number of them have received financial support from such government organizations as the National Science and Technology Development Agency and the Royal Golden Jubilee Ph.D Fund of the National Research Council of Thailand which is a collaboration with Pennsylvania State University in the U.S.A., and the University of Waterloo in Canada (1997-2017). She has been instrumental in producing doctoral graduates in Chemical Technology who ultimately have become highly qualified personnel integral to the work of energy and materials development in Thailand.

Professor Dr. Pattarapan Prassassarakich has held such important administrative positions as Deputy Director of the Petroleum and Petrochemical College (1989-1993) and Head of the Department of Chemical Technology, Faculty of Science (altogether two terms 1996-2000 and 2004-2007). She is currently an adviser for the Association of Polymers of Thailand and has given advice that has served to benefit the development of rubber and polymer technology in Thailand's academic and industrial circles.

After retiring from government service, Professor Dr. Pattarapan Prassassarakich was appointed Honorary Professor of the PTT (Public Company) (2018-2019). She continues her work at the Department of Chemical Technology both in terms of teaching and research and has contributed more to the volume of academic works she has produced.

Professor Dr. Pattarapan Prassassarakich is a scholar who is endowed with competence in academics, research and administration and has performed all tasks while displaying the virtues of great ethics and morality. She has achieved outstanding recognition at the national and international level. Chulalongkorn University Council has, thus, unanimously agreed to appoint her Professor Emeritus of the Faculty of Science to honour her in the years to come.

**Commendation on the Occasion when
Professor Dr. Chonlada Ruengraklikhit
is appointed
Professor Emeritus of the Faculty of Arts**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognised Professor Dr. Chonlada Ruengraklikhit as a distinguished scholar and a good example of an academic with in-depth knowledge and expertise in Thai Literature. She has dedicated herself to the teaching of and researching into Thai literature to the extent that she has been extensively accepted. Her works are well-known at the national and the international level. It is, thus, deemed appropriate for the University to praise, honour and to cherish her as a good example for the years to come.

Professor Dr. Chonlada Ruengraklikhit obtained a Bachelor of Arts Degree(Honours) from Chulalongkorn University in 1974. She subsequently received a Master's Degree and a Doctoral Degree from the Faculty of Arts in 1976 and 1992 respectively. In 1977, she became a lecturer at the Department of Thai in the Faculty of Arts and was appointed a full Professor, Level 10, in 2012.

Professor Dr. Chonlada Ruengraklikhit is an expert in Thai Literature. Her twenty pieces of work in the form of research, academic papers, books and textbooks present a body of knowledge that covers diverse issues and perspectives on Thai literature of the Sukhothai, Ayutthaya and Ratanakosin Periods, for example, the study of the literary conventions of the early Ayutthaya Period, the works of Sunthorn Phu, Thai prosody, vocabulary and expressions in Thai literature, the relationship between Thai and foreign literature and the relationship between Thai literature and contemporary literary works. She has written a number of manuals for several Thai literary works. These manuals, which have become sources for the study of Thai literature at the university level, are *Critical Reading and Interpretation of the Ong Kan Chaeng Nam*, *Critical Reading and Interpretation of the Maxims of Phra Ruang*, *Critical Reading and Interpretation of Nirat Narin* and *Critical Reading and Interpretation of Lilit Phra Lor*.

The academic and research works produced by Professor Dr. Chonlada Ruengraklikhit have been recognized in academic circles. This is evident in her being presented with a number of awards, for example; an Award for a Person with Distinguished Works in the Thai Language from the Chamnong Thongprasert Foundation of Maha Chulalongkorn Rajawitthayalai University, in 2014; a Distinguished User of the Thai Language Award from the Ministry of Culture in 2012; a Promoter of Thai Poetry Award (an Individual Category) from the Sunthorn Phu Institute in 2017; a Respectable Person in the Thai Language Award from the Ministry of Culture in 2017; and a Distinguished Conserver of the Thai Heritage Award in 2019.

Professor Dr. Chonlada Ruengraklikhit's expertise in the Thai language and literature has earned her an appointment to a number of committees and important positions in many working groups at the national level, for instance; an Associate Fellow of the Academy of Arts in the category of the Arts of Literature (Poetry) of the Thai Royal Society; ; editor of an encyclopaedia of modern Thai literature; an academic member of a number of the working groups of the Thai Royal Society, namely, a member

of the Committee for the Promotion and Dissemination of the Thai Language, a member of the Committee for the Compilation of Foreign Vocabulary and Expressions Which Can Be Replaced by Their Thai Counterparts, a member of the Committee for the Compilation of Thai Literary Terms, a member of the Committee for the Explanation of Thai Words for Radio Broadcast, an Ad Hoc specialist at the meetings of the Committee for Compiling Basic Vocabulary in Thai Culture, a judge for the Competition in Thai Language Skills and a judge for selecting distinguished users of the Thai language to be nominated for the Rajabundit Sansern Award. She has also served as an invited lecturer to present supplementary knowledge on Thai literature at the Teachers' Training Project of the Royal Society, an advisor to the National Literature Committee of the Department of Fine Arts, the Ministry of Culture and a Vice Chair of the Working Group on Literature Appreciation for the Ministry of Education.

In terms of learning and teaching, Professor Dr. Chonlada Ruengraklikhit is a teacher who has dedicated herself to the teaching of the Thai language and literature. She is an example of a knowledgeable teacher whose academic expertise has developed side by side with professional ethics. She has been able to transfer knowledge and instil the concept and guidelines of how to be a good teacher and an academic to her students. Being an exemplary teacher has earned her a number of honorable awards, for instance; a Distinguished Thai Teacher (Higher Education Level) Award from the Ministry of Education in 2001; a Distinguished Professor in Humanities and Social Sciences Award from Chulalongkorn University in 2001; a National Distinguished Professor in Humanities and Fine and Applied Arts Award from the Association of the Presidents of the University Lecturer Councils of Thailand in 2014; and a Distinguished Arts Alumna Award from the Arts Alumni Association of Chulalongkorn University in 2015.

Since her retirement, Professor Dr. Chonlada Ruengraklikhit has continued to work in the Department of Thai at the Faculty of Arts with determination and attention. She is an academic who has played a role in promoting Thai literature and has consistently produced academic and research works up to the present.

Professor Dr. Chonlada Ruengraklikhit is a scholar who has contributed greatly to the study of the Thai language and literature for a long time. Her works have been recognised both near and far. The Chulalongkorn University Council has, thus, unanimously agreed to appoint her Professor Emeritus in order to honour her in the years to come.

**Commendation on the Occasion when
Professor Dr. Suwanna Satha-anand
is appointed
Professor Emeritus of the Faculty of Arts**

The Chulalongkorn University Council, at its 828th meeting held on June 28th, 2019, recognised Professor Dr. Suwanna Satha-anand as a scholar in Chinese, Confucian and Buddhist Philosophy. Her academic works in Buddhist Philosophy, women and Buddhism and Chinese Philosophy have extensively been recognized at the national and international level. It is, thus, deemed appropriate for the University to praise, honour and cherish her as a good example for the years to come.

Professor Dr. Suwanna Satha-anand received a Bachelor of Arts Degree (First Class Honours with a Gold Medal) in 1977 from the Faculty of Arts and was subsequently granted a scholarship to pursue her graduate studies at the University of Hawaii at Manoa. She also received a Joint Doctoral Research Intern Grant from the Culture Learning Institute of the East-West Center in the U.S.A. and completed her Doctoral Degree in 1983. In 1989, she became a lecturer in the Department of Philosophy at the Faculty of Arts and was appointed a full Professor in 2014.

Professor Dr. Suwanna Satha-anand has been distinguished in her teaching career serving as an advisor and a co-advisor to more than thirty graduate students. She has contributed to the development of her students turning them into knowledgeable and capable graduates in keeping with international standards. These graduates have later become high quality lecturers in Philosophy in Thailand's top academic institutions or have pursued their careers as researchers in Philosophy abroad.

In terms of academic matters and research, Professor Dr. Suwanna Satha-anand has produced approximately one hundred works in the form of books, research works, research papers, academic papers, translation works and book editorials. Some of her works that were written in English have been translated into French, Chinese and Korean. Her major research work deals with the translation of a collection of maxims in Confucian Philosophy, the *Lun Yü Doctrine*. In this research work, she wrote an introduction of more than 150 pages, to enable those interested in Chinese Philosophy and researchers in this area to understand Confucian Philosophy in its important fundamental concepts. This translation research is extensively referred to in academic circle and by researchers in philosophy. At present, she is a Senior Research Fellow in Philosophy (2018 -2021) at the Thailand Research Fund (TRF).

Professor Dr. Suwanna Satha-anand has made a great contribution to the Humanities in Thailand. In 2003, she initiated the Humanities Research Forum of the TRF to develop networks of researchers in Humanities, consisting of senior, mid-career and new researchers. The Forum has also been extended to include graduate students to create a national platform for them on which to present their research works and to open up the relationship between Humanities and contemporary society.

In administration, Professor Dr. Suwanna Satha-anand has been Chair of the Department of Philosophy at the Faculty of Arts (1996 -1998), an Associate Dean for Research at the Faculty of Arts (2001 -2013), a Member of the Arts Section of the Anandamahidol Foundation (2001 –the present), President of the Philosophy and Religion Society of Thailand (2006 -2008), a Distinguished Member of the Administrative Committee of the Princess Maha Chakri Sirindhorn Anthropology Centre (2009 -2013, and for a second term 2017 –the present), a Member of the Academic Policy Committee of Chulalongkorn University (2010 –the present) and Deputy Director of the Humanities Research Forum at the Thailand Research Fund (2014 -2016). At present, she is the Secretary-General of the International Federation of Philosophical Societies, which is the largest network of international philosophical societies in the world.

Since her retirement, Professor Dr. Suwanna Satha-anand has still continued to work in a way that is beneficial to the Department of Philosophy—teaching, being a thesis advisor to graduate students and providing suggestions to faculty members and staff of the Department of Philosophy. Her determination and meticulous care in her work have won her great admiration from her colleagues and love and respect from her students and clerical staff.

Professor Dr. Suwanna Satha-anand is a distinguished scholar who is well experienced in academic, administrative and professional ethical matters. She has consistently dedicated herself to developing the humanities and philosophy circle in Thailand. Her works have been accepted by the national and the international circle. The Chulalongkorn University Council has, thus, unanimously agreed to appoint her a Professor Emeritus of the Faculty of Arts to honour her in the years to come.

**Commendation on the Occasion when
Professor Dr. Sirimonporn Suriyawongpaisal
is appointed
Professor Emeritus of the Faculty of Arts**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognised Professor Dr. Sirimonporn Suriyawongpaisal as a scholar with knowledge, ability and expertise in Japanese literature, particularly in Noh Plays, has dedicated herself to teaching and learning as well as research in the area of her expertise, enabling her to be extensively accepted at both the national and international level. It is, therefore, deemed appropriate for the University to praise, honour and cherish her as a good example for the years to come.

Professor Dr. Sirimonporn Suriyawongpaisal obtained a Bachelor of Arts Degree in Japanese from Massey University in New Zealand in 1975; a Master's Degree in Japanese Language and Literature from the University of Auckland in New Zealand in 1977 and a Doctoral Degree in Japanese Literature from Harvard University in the U.S.A., in 1995. She continued her studies with two periods of one-year research in Noh Drama at Waseda University and Hoshi University in 1979 and 2002, respectively. In 1977, she became a lecturer in the Department of Eastern Languages at the Faculty of Arts, where she was appointed a full Professor in 2013. Twenty-five out of her sixty-nine academic and research works on the Japanese language and literature published in Japanese, English and Thai have been presented at international conferences or at universities abroad or have been published overseas.

Professor Dr. Sirimonporn Suriyawongpaisal has taught the Japanese language and literature at the Bachelor's, Master's and Doctoral Degree level in both regular and international programmes, inside and outside the Faculty of Arts. She has served as a thesis advisor for graduate students in the Japanese Language and Literature Section, the Literature and Comparative Literature Section as well as in the Japanese Culture and Literature Section. Her supervisees have won the Distinguished Thesis Award and the Chula Ninetieth Anniversary Scholarship. She has also encouraged and supported many of her students to present their works abroad. She initiated the founding of the Japanese Literary Studies Club and has invited the graduate students, who are mostly lecturers at various universities, to become members of the Club's Working Committee. These members work on a voluntary basis to disseminate knowledge in Japanese literature to those who are interested in Japanese. The Club has also served as a platform where people who are interested in Japanese literature can exchange their knowledge in a different way from that at official academic conferences.

Professor Dr. Sirimonporn Suriyawongpaisal is a trailblazer in research on Noh Drama as well as an initiator of the teaching of Kambun in Thailand. (Kambun is Japanese literature written in Chinese-style Japanese or in Japanese-style Chinese). She was the first Thai researcher whose work received a Distinguished Research Award from the Chulalongkorn University's Royal Golden Jubilee Fund in 2013. She has been invited to serve as an assessor of many journals at the national level, for example, the *Journal of the Japanese Studies Association in Thailand* and the *Journal of the East Asian Studies Institute*. Her other academic activities have included her being a visiting lecturer in the Project for

Creating Japanese Studies Researchers in the ASEAN Community, which was organized by a Japanese organization; her creation of a research team with American and Japanese researchers with the aim of presenting works at international conferences; her being invited to be an international steering committee member of the Japanese Studies Association of the ASEAN Region (JSA ASEAN), from the time it was founded in 2006 until the present. She has attended an international conference once every two years, where she has been invited to serve as a session chair or a discussant. She was invited to be the core leader of Nishogakusha University's World Organization for Kanbun Studies 21st Century COE Program in Japan, as well as a visiting scholar at the University of California in Los Angeles (UCLA) and at the University of Hawaii in Manoa in the U.S.A.

In terms of administration, Professor Dr. Sirimonporn Suriyawongpaisal had held a number of high level administrative positions, namely; Head of the Japanese Section; Chair of the Department of Eastern Languages; Chair of the Administrative Committee of the Master of Arts Degree Programme in the Japanese Language and Literature Section; Chair of the M.A.- Ph.D. Programme on the Japanese Culture and Literature Drafting Committee; Acting Director of the Administrative Committee of the Doctoral Degree Programme in Literature and Comparative Literature; and Head of the Drafting Committee of the Master of Arts Degree Programme in Translation and Interpretation. She has played a vital role in inviting visiting professors and scholars from abroad to teach in those programmes, to give advice to graduate students and to give special lectures. In this respect, she has sometimes had to use her personal finances in order to make the projects successful. At present, as well as holding the position of the President of the Japanese Literary Studies Club, whose networks have extended across the country, she also serves as the Vice President of the Japanese Studies Association in Thailand.

After her retirement, Professor Dr. Sirimonporn Suriyawongpaisal continued to work as a regular lecturer and a special scholar for two terms, teaching, conducting research and being responsible for administration and academic services until February 2018. After that, she served as a special lecturer and a thesis co-advisor. She has continued to produce quality academic work and has held important positions in both national and international organizations.

Professor Dr. Sirimonporn Surawongpaisal is a scholar who is endowed with academic competence and professional ethics and her works are widely recognized nationally and internationally. She has continued to make a contribution to the Faculty of Arts, Chulalongkorn University and the country. The Chulalongkorn University Council has thus unanimously consented to appointing her a Professor Emeritus of the Faculty of Arts as an honour in the years to come.

**Commendation on the Occasion when
Professor Dr. Pornsan Watanangura
is appointed
Professor Emeritus of the Faculty of Arts**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognised Professor Dr. Pornsan Watanangura as a scholar who is an exemplary academic with knowledge, competence and expertise in German. She has dedicated herself to teaching and learning as well as to research so that she has been accepted at the national and international level. It is, thus, deemed appropriate to praise, honour and cherish her as a good example for the years to come.

Professor Dr. Pornsan Watanangura received a Bachelor of Arts Degree and a Master of Arts Degree in the German Language and Literature from Chulalongkorn University in 1973 and 1975 respectively. She completed her studies for a Magister Artium (M.A.) and a Dr. Phil (Ph.D.—Doctor of Philosophy) from Ruprecht-Karls University in Heidelberg in the Federal Republic of Germany in 1980 and 1985 respectively. She started her teaching career in the German Section of the Department of Western Languages in the Faculty of Arts in 1976 and was appointed a full Professor in 2001. Her research works in the German language and literature as well as in German Studies are in the form of books, textbooks, translation works and articles; 164 in total. She has also served as the editor of eighteen books and journals.

As well as teaching students in the German Section of the Western Languages of the Faculty of Arts and in the Faculty of Applied and Fine Arts, the Faculty of Political Science and the Faculty of Science at Chulalongkorn University, Professor Dr. Pornsan Watanangura has been Chair of the Doctoral Degree Programme Drafting Committee of the German Section in the Faculty of Arts at Chulalongkorn University and also the Chair of the Working Committee of the Pedagogical Studies Programme, which is the only programme of its kind in Southeast Asia. She has collaborated with the Goethe Institute—Bangkok-Munich, the Ministry of Education, German specialists and academics from schools and universities in Thailand to write German textbooks for high school students. These textbooks have been used in schools all over the country for more than ten years. She has also produced textbooks on language, phonetics and reading, which have been used at the university level. From 2000 to 2012, she taught German to secondary school students at Klai Kang Won School as part of the Long Distance Learning via Satellite Project. In 2004, her teaching was televised to the public via the Television Station for Long Distance Learning of the Ministry of Education and from 2009 -2016, via the Distance Television of Klai Kang Won School. This is a good example of her public service which has been extensively beneficial to the community and the general public. In 2012, she was invited to teach at the Deutsch als Fremdsprachenphilologie Institute in the University of Heidelberg in the German Federal Republic.

Professor Dr. Pornswan Watanangura has been honoured by the Federal Republic of Germany as a specialist in and a contributor to the German language and literature, Intercultural German Studies and the Thai-German relationship as can be seen in her being decorated with the Bundesverdienstkreuz am Band in 2016. In terms of research, she has been an exemplary researcher in Humanities who is able to study and profoundly synthesize the body of knowledge and integrate the German language and literature with other academic principles, for example, history, social sciences, international relations, culture, music and dramatic arts. In 2009, she was presented with an award at the Very Good level by the Chulalongkorn University Royal Golden Jubilee Fund” for her research, “The Relationships between the Royal Kingdom of Siam and European Courts as Seen in the Documents from King Chulalongkorn’s First Visit to Europe in 1897”. She created a network of researchers in different academic principles to launch an interdisciplinary research work under the topic, “Buddhism in the World’s Literature”. The researchers who contributed to this work were from the Western Languages, Eastern Languages and Philosophy Departments of the Faculty of Arts and from Göttingen University and Wuppertal University in the Federal Republic of Germany, as well as from the University of New York in the U.S.A. The research has been presented at international academic conferences and published internationally.

With her determination to construct a network of researchers, Professor Dr. Pornsan Watanangura has been able to expand research activity through collaboration with various universities and her work has been accepted by international research networks as is evident in her being invited to serve as an administrative committee member of the Gesellschaft für interkulturelle Germanistik – GIG (Association of Intercultural German Studies).

Since her retirement, Professor Dr. Pornsan Watanangura has continued to dedicate herself to research and academic affairs. At present, she is the President of the Thai-German Association and an academic member of the Association of Intercultural German Studies. In 2017, she was appointed a Fellow of the Royal Society of Thailand in the category of the Arts of Literature in the field of Comparative Literature.

Professor Dr. Pornsan Watanangura is a scholar who is endowed with competence, virtues and ethics in the academic profession. Her works are widely recognised at the national and international level. Chulalongkorn University has, thus, unanimously agreed to appoint her a Professor Emeritus of the Faculty of Arts to honour her in the years to come.

Commendation on the Occasion for recipients of emeritus professorship

**Commendation on the Occasion when
Professor Jintakorn Kuvatanasuchat
is appointed
Professor Emeritus in the Faculty of Dentistry**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognized that Professor Jintakorn Kuvatanasuchat is acknowledged as an academic whose knowledge and expertise in microbiology is exemplary. He has devoted himself diligently to the tasks of teaching and academic research and is widely accepted at both the national and international level. Therefore, he is deserving of this honor that ensures he will forever be a role model to all.

Professor Jintakorn Kuvatanasuchat received his Bachelor of Dentistry degree from Chulalongkorn University in 1974 and entered the civil service as a lecturer in the Department of Microbiology, Faculty of Dentistry, Chulalongkorn University that same year. He furthered his education at the same institution and received his Master's of Pharmaceutical Studies (Microbiology) in 1981, then pursued his studies in Oral Microbiology graduating from Mund University in Sweden in 1986. By royal appointment he became a level 10 Professor in 2011. His volume of research includes as many as twenty text books, eight of which are publications in international journals, with two of the textbooks centering on the subject of microbiology and oral cavity disease that serve as a crucial basis in the dental profession.

Aside from imparting his knowledge on microbiology to second, third and fourth year undergraduate students, Professor Jintakorn Kuvatanasuchat has also served as a mentor for third, fourth and fifth year students in their research practicum. He has instilled in his students concepts and values derived from his personal experience as a dentist for over 38 years constantly reminding them that patients need to be treated in the manner set forth by His late Majesty King Bhumibol's Prince Father, the Prince of Songkhla who prioritized the needs of his patients ensuring that they be treated with empathy and compassion. His students are reminded of the importance of rational thinking to determine the cause and incidence of disease and to perceive how essential microbiology is in the dentistry profession. It should also be stressed that, as a practicing dentist himself, he adhered to the training process of intellectual self-questioning. He has served as a reader assessing the quality of papers submitted to the academic journal of the Faculty of Dentistry, Chulalongkorn University. These efforts continued even after his retirement from government service with academic work for other academic institutions such as Vajira Hospital's Vajira Medical Journal and the Journal of Urban Medicine.

Professor Jintakorn Kuvatanasuchat has pioneered the study of microbiology in relation to dentistry and has published widely on this subject. Even after his retirement his articles have appeared in the PubMed data base. In 1996 he was awarded the distinguished title of National Researcher.

Professor Jintakorn Kuvatanasuchat held the administrative position of Head of the Department of Microbiology at the Faculty of Dentistry, Chulalongkorn University (2001-2005). He has been invited to serve on the screening committee for award applications at Mahidol University. He continues to contribute his time and talents to the Department of Microbiology as a guest lecturer and adviser to those taking Microbiology Practicum courses. Known for his strong determination and devotion he has earned unwavering love and respect from his students. He continues to write and to publish academic works and to contribute his academic expertise for the benefit of his society. For the past twenty years he has volunteered his services to the mobile dental clinic, which is a royal initiative, in the same way that he has done for the mini dental clinic of the Faculty of Dentistry, Chulalongkorn University which gives free basic dental treatment to the poor and needy.

Professor Jintakorn Kuvatanasuchat is a scholar who is endowed with competence, virtues and ethics in the academic and professional areas. He has brought recognition to his Department, Faculty and to the University and Chulalongkorn University Council has thus, unanimously agreed to appoint him Professor Emeritus of the Faculty of Dentistry to honour him in the years to come.

**Commendation on the Occasion when
Professor Metta Wiwattananukul
is appointed
Professor Emeritus in the Faculty of Communication Arts**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognized that Professor Metta Wiwattananukul is exemplary as an academic who is highly specialized in the area of Speech Communication with particular focus on Intercultural Communication. Her research has been well received at both the national and international level and she has demonstrated personal and professional ethics in all her endeavors. It is therefore befitting that she be honored and regarded as an exemplary figure henceforward.

Professor Metta Wiwattananukul received her Bachelor of Arts majoring in English from Chulalongkorn University in 1979. She earned her Master's degree in Speech Communication from the University of Arizona and a subsequent Master's in Communication Studies from the University of Kansas in the U.S.A., in 1981 and 1986, respectively. She became a faculty member of the Department of Speech Communication and Performing Arts, Faculty of Communication Arts, Chulalongkorn University where she served until her retirement. Since her retirement she has continued to render academic services at the Faculty of Communication Arts accepting invitations to teach classes, serve as guest lecturer or thesis adviser or examiner at both master's and doctoral levels as well as serving on various committees for the Faculty of Communication Arts and several other agencies in Chulalongkorn University.

Professor Metta Wiwattananukul has devoted herself totally to fulfilling the tasks within her responsibility with a sense of honesty and integrity. She serves as a good example for her teaching colleagues, staff and students to emulate. She has shown her potential in developing academic works of outstanding quality that have been accepted nationally and internationally. Several of her academic and research papers have been accepted for publication by reputable mainstream publishers and have received awards that have brought pride and honor to the Faculty of Communication Arts and to Chulalongkorn University.

As an educator, Professor Metta Wiwattananukul is acknowledged as a person who is adept at communicating complex theories and ideas and making them easy to understand. She is known for her unique quality as an engaging speaker and communicator. The results of her teaching performance overwhelmingly show how students are able to understand the subject matter being conveyed and are thoroughly satisfied with what they can learn from her. She is often invited as a resource person and guest lecturer by agencies within the University and those from outside both in the private and government sectors. She has tirelessly devoted her time and effort to sharing what she deems to be beneficial to the public without any concern for what remuneration she might receive. Her hope is to instill in her audience the importance of recognizing communication behavior that is inappropriate and persuading them that they can achieve effective communication skills while at the same time being mindful of good moral and ethical practices.

Professor Metta Wiwattananukul is a scholar who has contributed in significant ways towards the academic and professional circles in Communication Arts, particularly Speech Communication. She has displayed moral virtues while adhering to professional ethics and has achieved recognition at the national and international level. Chulalongkorn University Council has, thus, unanimously agreed to appoint her Professor Emeritus of the Faculty of Communication Arts to honour her in the years to come.

**Commendation on the Occasion when
Professor Dr.Kammant Phanthumchinda
is appointed
Professor Emeritus in the Faculty of Medicine**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognized that Professor Dr. Kammant Phantumchinda is acknowledged as an exemplary academic whose knowledge, capability and expertise in neurology has been of immense benefit to the teaching of and research in this subject. He is widely accepted at both the national and international level and is therefore deserving of this honor that ensures he will forever be a role model to all.

Professor Dr. Kammant Phantumchinda received his Bachelor of Science (second class honors) degree in 1973 and Doctor of Medicine with honors in 1977 from Chulalongkorn University. He later obtained a Master of Science degree in Clinical Epidemiology from McMaster University, Canada in 1985. He entered the civil service at the Department of Internal Medicine, Faculty of Medicine, in 1980, and received certification for his knowledge and expertise as a practitioner in Neurology that same year and a document of certification for knowledge and expertise in internal medicine specializing in Geriatrics Medicine. In 1991 was appointed as Professor by the Medical Council of Thailand.

Professor Dr. Kammant Phantumchinda has distinguished himself being appointed Fellow by numerous foreign institutions such as The Royal College of Physicians (London) (FRCP), The American College of Physicians (FACP), The Royal Australasian College of Physicians (FRACP) and The Philippine College of Physicians (FPCP). He also been awarded Chulalongkorn University's Outstanding Personnel under the category of Best Teacher in 1993, co-awardee for His Majesty the King's Jubilee Research Fund by Chulalongkorn University in 2001 and certificate for outstanding physicians shortlisted by the Thai Medical Council in 2004.

Professor Dr. Kammant Phantumchinda has held important administrative positions, for example, Head of the Department of Internal Medicine, President of the Royal College of Physicians of Thailand, President of the Neurological Society of Thailand and currently serves in other vital positions such as President of the Dementia Association of Thailand and Member of the Medical Council of Thailand, member of the subcommittee of the National List of Essential Medicines for Neurology. Since his retirement from government service he has been invited to be a guest lecturer at the Faculty of Medicine, Chulalongkorn University and King Chulalongkorn's Memorial Hospital at the Thai Red Cross Institute.

In terms of his accomplishments in research, Professor Dr. Kammant Phantumchinda has studied the medicinal characteristics of neurological diseases especially rare cases or those detected for the first time in Thailand. His research has had a profound impact at both the national and international level. His involvement in outstanding research projects has included a research project in collaboration with the World Health Organization on the impact of birth control pills and the

occurrence of strokes, a study on the epidemiology of headaches and dementia which also received publication in an international journal.

To this day, Professor Dr. Kammant Phantumchinda has contributed made a contribution by establishing specialized clinics for neurological diseases such as headaches and dementia and he continues to treat both inpatients and outpatients to the present. He is also invited to give academic lectures, serving as a committee member to assess applications for academic tenure at several institutions and is a member of many medical and public health committees and sub-committees.

In his role as a teacher, Professor Dr. Kammant Phantumchinda, is a medical lecturer in clinical neurology who places emphasis on applying rational and systematic thinking and who has applied a basic knowledge in medical science and empirical inquiry to find clinical solutions that his students can understand and benefit from leading also to its application in other areas of medical studies. He is a devoted adviser to his students and a longstanding committee member on numerous theses examinations at the graduate level.

As a medical practitioner, Professor Dr. Kammant Phantumchinda, is exemplary in his role as a physician who conducts his practice with a high sense of responsibility, virtue, diligence, tolerance and discipline. He is well loved by his co-workers both superiors and subordinates as well as his patients. He has maintained his expertise by keeping abreast with the ever-changing academic advancements in his field of study.

Professor Dr. Kammant Phantumchinda is a scholar who is endowed with competence, virtues and ethics in the academic and professional areas. His works are widely recognized at the national and international level. Chulalongkorn University has, thus, unanimously agreed to appoint him Professor Emeritus of the Faculty of Medicine to honour him in the years to come.

**Commendation on the Occasion when
Professor Dr.Charat Suwannamala
was appointed
Professor Emeritus in the Faculty of Political Science**

The Chulalongkorn University Council, at its 828th meeting held on June 27th,2019, recognized that Professor Dr.Charat Suwannamala is acknowledged for his expertise in public finance and local government. He is an academic who has played a crucial role in pushing forward the agenda of decentralization of power and local government in Thailand in accordance with the 1997 constitution along with calling for regulations to be set on the state complying with fiscal discipline.

Professor Dr. Charat Suwannamala received his Bachelor’s Degree in Political Science from Chulalongkorn University in 1976, a Master’s Degree in Economics also from Chulalongkorn University in 1981, a Master’s Degree in Public Administration (with honors) from the National Institute of Development Administration in 1983 and a Doctorate in Political Science from Northern Illinois University. He has written extensively on matters related to public finance and local finance for target audiences at both the national and international level. Some of his works include: “The Budget System and Management Aiming at Success in the Government Sector”, “The Relationship between the State and Modern Day Citizens” (2003), “Basic Knowledge on Public Finance Administration”, “Government or Local?: Who Should Provide Public Services?”, “Local Thai Innovations and State Sector Finance in Relation to Power Struggles, Betrayals and Recklessness” (2013). He has also worked for the World Bank as an expert on Financial Decentralization and headed numerous research projects such as the project for compiling a 20 year plan for the development of the Bangkok Metropolis(2013-2032) and the New Path for Local Thai Government Institutions project. He initiated the idea of turning networks of Thai political data websites into public information for those interested in gaining in depth information on the subject of Thai politics. He received the award for Outstanding National Researcher in Public Administration from the National Research Council of Thailand in 2011. In terms of government and politics he served as a member of the Committee on Decentralization in the early days and took part in the Thai Constitution Drafting Committee in 2012. He was appointed a member of the National Reform Council from 2014 to 2015 and President of the Rajabhat University of Songkhla University Council (2015-2018).

Other than his outstanding academic achievements for which he is renowned, Professor Dr. Charas Suwannamala is also well known for the simple way of life he has chosen to lead which has become a model which many of his colleagues and students wish to emulate. As Dean of the Faculty of Political Science he made it his habit to ride his bicycle to the various conference venues he was attending. He is known to cultivate good human relations and has excellent interpersonal skills making it his priority to value human dignity and always treating those he works or comes into contact with with honor and respect.

As an educator, Professor Dr. Charat Suwannamala is endowed with the teaching spirit, adhering not only to the lecture format but also bringing up important current events as case studies for discussion. His students are always welcome to express their opinions thus allowing intellectual thinking to flourish and enabling learners to connect theoretical knowledge with actual occurrences in society. His students have gone on to be university lecturers themselves in universities all over the country and continue to uphold his teaching spirit and a living testament to the role played by Professor Dr. Charat Suwannamala in employing human and intellectual resources to serve the country.

As an administrator, Professor Dr. Charat Suwannamala was Dean of the Faculty of Political Science, Chulalongkorn University (2006-2010). He was the proud recipient of the Outstanding National Researcher Award from the National Research Council of Thailand in 2011 in Public Administration. He has good rapport and is able to work well with others whether in administration, research or academic services ensuring that all tasks are carried out smoothly. It is well accepted that by nature he is straightforward, honest and sincere and he is a morally upright person who adheres to the principles of good governance in his work. When he encounters anything does not appear to be right or appropriate he will immediately make sure that he raises objections or admonishes the perpetrator to ensure that similar mistakes and errors do not arise. He is clear that any kind of project that relies on state funding must adhere strictly to the principles of good governance and that its execution should yield the greatest benefits possible. He insists on righteous deeds alongside compassion and his thoughts and decisions are honest and straightforward, hence he has become a role model in his professional endeavors that others should emulate.

Having retired from academic life, Professor Dr. Charat Suwannamala continues to accept invitations as a thesis examiner at both the master's and doctoral levels. He has also shown a willingness to help out with any tasks whether academic or otherwise requested of him by the Faculty of Political Science.

Professor Dr. Charat Suwannamala is a scholar who is endowed with competence, virtues and ethics in the academic and professional areas. He has brought recognition to his Department, Faculty and to the University and the society at large, so Chulalongkorn University Council has unanimously agreed to appoint him Professor Emeritus of the Faculty of Political Science to honour him in the years to come.

**Commendation on the Occasion when
Professor Dr.Pattarapan Prassassarakich
is appointed
Professor Emeritus in the Faculty of Science**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognized that Professor Dr. Pattarapan Prassassarakich is an exemplary academic who is endowed with knowledge and expertise. She is highly qualified in the area of chemical engineering and has devoted her life to being an educator who has also worked extensively on research into polymers and the development of alternative energy from biomass. Her research has been well received at both the national and international levels and it is befitting that she be honored and regarded as an example to all.

Professor Dr. Pattarapan Prassassarakich earned her Bachelor of Science degree from Chulalongkorn University in 1973 and a Master of Science degree in Chemical Engineering from the University of Wisconsin in 1974, followed by a Doctorate of Science in Chemical Engineering from Kansas State University in 1979. That same year she began her career as a lecturer at the Department of Chemical Technology, Faculty of Science, Chulalongkorn University and was tenured as Assistant Professor, Associate Professor and Professor in Chemical Engineering in 1982, 1986 and 1995.

Professor Dr. Pattarapan Prassassarakich is an expert in the teaching of Chemical Engineering Thermodynamics and has authored a textbook on that subject which has been widely used by academics from various institutions and is often cited in subjects dealing with Chemical Engineering and other related fields.

In the research projects she has conducted Professor Dr. Pattarapan Prassassarakich's focus has been on polymers and fuel technology. One important research on polymers concerns the hydrogenation of natural rubber and the graft polymerization of natural rubber that could lead to the development of natural rubber products in the polymer industry in the future. In terms of her research on fuels are the study of biomass processing to liquid fuels and the production of biomass oil through Supercritical Liquefaction of biomasses such as sugarcane, corn and palm oil. Her continuous research on biofuels has led to other vital research such as biodiesel production by way of hydrogenation of raw palm oil and used vegetable oil and the desulpherization of diesel oil through the process of absorption. A total of 113 of her research works have been published in international journals with a widely accepted data base and a number of them have received financial support from such government organizations as the National Science and Technology Development Agency and the Royal Golden Jubilee Ph.D Fund of the National Research Council of Thailand which is a collaboration with Pennsylvania State University in the U.S.A., and the University of Waterloo in Canada (1997-2017). She has been instrumental in producing doctoral graduates in Chemical Technology who ultimately have become highly qualified personnel integral to the work of energy and materials development in Thailand.

Professor Dr. Pattarapan Prassassarakich has held such important administrative positions as Deputy Director of the Petroleum and Petrochemical College (1989-1993) and Head of the Department of Chemical Technology, Faculty of Science (altogether two terms 1996-2000 and 2004-2007). She is currently an adviser for the Association of Polymers of Thailand and has given advice that has served to benefit the development of rubber and polymer technology in Thailand's academic and industrial circles.

After retiring from government service, Professor Dr. Pattarapan Prassassarakich was appointed Honorary Professor of the PTT (Public Company) (2018-2019). She continues her work at the Department of Chemical Technology both in terms of teaching and research and has contributed more to the volume of academic works she has produced.

Professor Dr. Pattarapan Prassassarakich is a scholar who is endowed with competence in academics, research and administration and has performed all tasks while displaying the virtues of great ethics and morality. She has achieved outstanding recognition at the national and international level. Chulalongkorn University Council has, thus, unanimously agreed to appoint her Professor Emeritus of the Faculty of Science to honour her in the years to come.

**Commendation on the Occasion when
Professor Dr. Chonlada Ruengraklikhit
is appointed
Professor Emeritus of the Faculty of Arts**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognised Professor Dr. Chonlada Ruengraklikhit as a distinguished scholar and a good example of an academic with in-depth knowledge and expertise in Thai Literature. She has dedicated herself to the teaching of and researching into Thai literature to the extent that she has been extensively accepted. Her works are well-known at the national and the international level. It is, thus, deemed appropriate for the University to praise, honour and to cherish her as a good example for the years to come.

Professor Dr. Chonlada Ruengraklikhit obtained a Bachelor of Arts Degree(Honours) from Chulalongkorn University in 1974. She subsequently received a Master's Degree and a Doctoral Degree from the Faculty of Arts in 1976 and 1992 respectively. In 1977, she became a lecturer at the Department of Thai in the Faculty of Arts and was appointed a full Professor, Level 10, in 2012.

Professor Dr. Chonlada Ruengraklikhit is an expert in Thai Literature. Her twenty pieces of work in the form of research, academic papers, books and textbooks present a body of knowledge that covers diverse issues and perspectives on Thai literature of the Sukhothai, Ayutthaya and Ratanakosin Periods, for example, the study of the literary conventions of the early Ayutthaya Period, the works of Sunthorn Phu, Thai prosody, vocabulary and expressions in Thai literature, the relationship between Thai and foreign literature and the relationship between Thai literature and contemporary literary works. She has written a number of manuals for several Thai literary works. These manuals, which have become sources for the study of Thai literature at the university level, are *Critical Reading and Interpretation of the Ong Kan Chaeng Nam*, *Critical Reading and Interpretation of the Maxims of Phra Ruang*, *Critical Reading and Interpretation of Nirat Narin* and *Critical Reading and Interpretation of Lilit Phra Lor*.

The academic and research works produced by Professor Dr. Chonlada Ruengraklikhit have been recognized in academic circles. This is evident in her being presented with a number of awards, for example; an Award for a Person with Distinguished Works in the Thai Language from the Chamnong Thongprasert Foundation of Maha Chulalongkorn Rajawitthayalai University, in 2014; a Distinguished User of the Thai Language Award from the Ministry of Culture in 2012; a Promoter of Thai Poetry Award (an Individual Category) from the Sunthorn Phu Institute in 2017; a Respectable Person in the Thai Language Award from the Ministry of Culture in 2017; and a Distinguished Conserver of the Thai Heritage Award in 2019.

Professor Dr. Chonlada Ruengraklikhit's expertise in the Thai language and literature has earned her an appointment to a number of committees and important positions in many working groups at the national level, for instance; an Associate Fellow of the Academy of Arts in the category of the Arts of Literature (Poetry) of the Thai Royal Society; ; editor of an encyclopaedia of modern Thai literature; an academic member of a number of the working groups of the Thai Royal Society, namely, a member

of the Committee for the Promotion and Dissemination of the Thai Language, a member of the Committee for the Compilation of Foreign Vocabulary and Expressions Which Can Be Replaced by Their Thai Counterparts, a member of the Committee for the Compilation of Thai Literary Terms, a member of the Committee for the Explanation of Thai Words for Radio Broadcast, an Ad Hoc specialist at the meetings of the Committee for Compiling Basic Vocabulary in Thai Culture, a judge for the Competition in Thai Language Skills and a judge for selecting distinguished users of the Thai language to be nominated for the Rajabundit Sansern Award. She has also served as an invited lecturer to present supplementary knowledge on Thai literature at the Teachers' Training Project of the Royal Society, an advisor to the National Literature Committee of the Department of Fine Arts, the Ministry of Culture and a Vice Chair of the Working Group on Literature Appreciation for the Ministry of Education.

In terms of learning and teaching, Professor Dr. Chonlada Ruengraklikhit is a teacher who has dedicated herself to the teaching of the Thai language and literature. She is an example of a knowledgeable teacher whose academic expertise has developed side by side with professional ethics. She has been able to transfer knowledge and instil the concept and guidelines of how to be a good teacher and an academic to her students. Being an exemplary teacher has earned her a number of honorable awards, for instance; a Distinguished Thai Teacher (Higher Education Level) Award from the Ministry of Education in 2001; a Distinguished Professor in Humanities and Social Sciences Award from Chulalongkorn University in 2001; a National Distinguished Professor in Humanities and Fine and Applied Arts Award from the Association of the Presidents of the University Lecturer Councils of Thailand in 2014; and a Distinguished Arts Alumna Award from the Arts Alumni Association of Chulalongkorn University in 2015.

Since her retirement, Professor Dr. Chonlada Ruengraklikhit has continued to work in the Department of Thai at the Faculty of Arts with determination and attention. She is an academic who has played a role in promoting Thai literature and has consistently produced academic and research works up to the present.

Professor Dr. Chonlada Ruengraklikhit is a scholar who has contributed greatly to the study of the Thai language and literature for a long time. Her works have been recognised both near and far. The Chulalongkorn University Council has, thus, unanimously agreed to appoint her Professor Emeritus in order to honour her in the years to come.

**Commendation on the Occasion when
Professor Dr. Suwanna Satha-anand
is appointed
Professor Emeritus of the Faculty of Arts**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognised Professor Dr. Suwanna Satha-anand as a scholar in Chinese, Confucian and Buddhist Philosophy. Her academic works in Buddhist Philosophy, women and Buddhism and Chinese Philosophy have extensively been recognized at the national and international level. It is, thus, deemed appropriate for the University to praise, honour and cherish her as a good example for the years to come.

Professor Dr. Suwanna Satha-anand received a Bachelor of Arts Degree (First Class Honours with a Gold Medal) in 1977 from the Faculty of Arts and was subsequently granted a scholarship to pursue her graduate studies at the University of Hawaii at Manoa. She also received a Joint Doctoral Research Intern Grant from the Culture Learning Institute of the East-West Center in the U.S.A. and completed her Doctoral Degree in 1983. In 1989, she became a lecturer in the Department of Philosophy at the Faculty of Arts and was appointed a full Professor in 2014.

Professor Dr. Suwanna Satha-anand has been distinguished in her teaching career serving as an advisor and a co-advisor to more than thirty graduate students. She has contributed to the development of her students turning them into knowledgeable and capable graduates in keeping with international standards. These graduates have later become high quality lecturers in Philosophy in Thailand's top academic institutions or have pursued their careers as researchers in Philosophy abroad.

In terms of academic matters and research, Professor Dr. Suwanna Satha-anand has produced approximately one hundred works in the form of books, research works, research papers, academic papers, translation works and book editorials. Some of her works that were written in English have been translated into French, Chinese and Korean. Her major research work deals with the translation of a collection of maxims in Confucian Philosophy, the *Lun Yü Doctrine*. In this research work, she wrote an introduction of more than 150 pages, to enable those interested in Chinese Philosophy and researchers in this area to understand Confucian Philosophy in its important fundamental concepts. This translation research is extensively referred to in academic circle and by researchers in philosophy. At present, she is a Senior Research Fellow in Philosophy (2018 -2021) at the Thailand Research Fund (TRF).

Professor Dr. Suwanna Satha-anand has made a great contribution to the Humanities in Thailand. In 2003, she initiated the Humanities Research Forum of the TRF to develop networks of researchers in Humanities, consisting of senior, mid-career and new researchers. The Forum has also been extended to include graduate students to create a national platform for them on which to present their research works and to open up the relationship between Humanities and contemporary society.

In administration, Professor Dr. Suwanna Satha-anand has been Chair of the Department of Philosophy at the Faculty of Arts (1996 -1998), an Associate Dean for Research at the Faculty of Arts (2001 -2013), a Member of the Arts Section of the Anandamahidol Foundation (2001 –the present), President of the Philosophy and Religion Society of Thailand (2006 -2008), a Distinguished Member of the Administrative Committee of the Princess Maha Chakri Sirindhorn Anthropology Centre (2009 - 2013, and for a second term 2017 –the present), a Member of the Academic Policy Committee of Chulalongkorn University (2010 –the present) and Deputy Director of the Humanities Research Forum at the Thailand Research Fund (2014 -2016). At present, she is the Secretary-General of the International Federation of Philosophical Societies, which is the largest network of international philosophical societies in the world.

Since her retirement, Professor Dr. Suwanna Satha-anand has still continued to work in a way that is beneficial to the Department of Philosophy—teaching, being a thesis advisor to graduate students and providing suggestions to faculty members and staff of the Department of Philosophy. Her determination and meticulous care in her work have won her great admiration from her colleagues and love and respect from her students and clerical staff.

Professor Dr. Suwanna Satha-anand is a distinguished scholar who is well experienced in academic, administrative and professional ethical matters. She has consistently dedicated herself to developing the humanities and philosophy circle in Thailand. Her works have been accepted by the national and the international circle. The Chulalongkorn University Council has, thus, unanimously agreed to appoint her a Professor Emeritus of the Faculty of Arts to honour her in the years to come.

**Commendation on the Occasion when
Professor Dr. Sirimonporn Suriyawongpaisal
is appointed
Professor Emeritus of the Faculty of Arts**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognised Professor Dr. Sirimonporn Suriyawongpaisal as a scholar with knowledge, ability and expertise in Japanese literature, particularly in Noh Plays, has dedicated herself to teaching and learning as well as research in the area of her expertise, enabling her to be extensively accepted at both the national and international level. It is, therefore, deemed appropriate for the University to praise, honour and cherish her as a good example for the years to come.

Professor Dr. Sirimonporn Suriyawongpaisal obtained a Bachelor of Arts Degree in Japanese from Massey University in New Zealand in 1975; a Master's Degree in Japanese Language and Literature from the University of Auckland in New Zealand in 1977 and a Doctoral Degree in Japanese Literature from Harvard University in the U.S.A., in 1995. She continued her studies with two periods of one-year research in Noh Drama at Waseda University and Hoshi University in 1979 and 2002, respectively. In 1977, she became a lecturer in the Department of Eastern Languages at the Faculty of Arts, where she was appointed a full Professor in 2013. Twenty-five out of her sixty-nine academic and research works on the Japanese language and literature published in Japanese, English and Thai have been presented at international conferences or at universities abroad or have been published overseas.

Professor Dr. Sirimonporn Suriyawongpaisal has taught the Japanese language and literature at the Bachelor's, Master's and Doctoral Degree level in both regular and international programmes, inside and outside the Faculty of Arts. She has served as a thesis advisor for graduate students in the Japanese Language and Literature Section, the Literature and Comparative Literature Section as well as in the Japanese Culture and Literature Section. Her supervisees have won the Distinguished Thesis Award and the Chula Ninetieth Anniversary Scholarship. She has also encouraged and supported many of her students to present their works abroad. She initiated the founding of the Japanese Literary Studies Club and has invited the graduate students, who are mostly lecturers at various universities, to become members of the Club's Working Committee. These members work on a voluntary basis to disseminate knowledge in Japanese literature to those who are interested in Japanese. The Club has also served as a platform where people who are interested in Japanese literature can exchange their knowledge in a different way from that at official academic conferences.

Professor Dr. Sirimonporn Suriyawongpaisal is a trailblazer in research on Noh Drama as well as an initiator of the teaching of Kambun in Thailand. (Kambun is Japanese literature written in Chinese-style Japanese or in Japanese-style Chinese). She was the first Thai researcher whose work received a Distinguished Research Award from the Chulalongkorn University's Royal Golden Jubilee Fund in 2013. She has been invited to serve as an assessor of many journals at the national level, for example, the *Journal of the Japanese Studies Association in Thailand* and the *Journal of the East Asian Studies*

Institute. Her other academic activities have included her being a visiting lecturer in the Project for Creating Japanese Studies Researchers in the ASEAN Community, which was organized by a Japanese organization; her creation of a research team with American and Japanese researchers with the aim of presenting works at international conferences; her being invited to be an international steering committee member of the Japanese Studies Association of the ASEAN Region (JSA ASEAN), from the time it was founded in 2006 until the present. She has attended an international conference once every two years, where she has been invited to serve as a session chair or a discussant. She was invited to be the core leader of Nishogakusha University's World Organization for Kanbun Studies 21st Century COE Program in Japan, as well as a visiting scholar at the University of California in Los Angeles (UCLA) and at the University of Hawaii in Manoa in the U.S.A.

In terms of administration, Professor Dr. Sirimonporn Suriyawongpaisal had held a number of high level administrative positions, namely; Head of the Japanese Section; Chair of the Department of Eastern Languages; Chair of the Administrative Committee of the Master of Arts Degree Programme in the Japanese Language and Literature Section; Chair of the M.A.- Ph.D. Programme on the Japanese Culture and Literature Drafting Committee; Acting Director of the Administrative Committee of the Doctoral Degree Programme in Literature and Comparative Literature; and Head of the Drafting Committee of the Master of Arts Degree Programme in Translation and Interpretation. She has played a vital role in inviting visiting professors and scholars from abroad to teach in those programmes, to give advice to graduate students and to give special lectures. In this respect, she has sometimes had to use her personal finances in order to make the projects successful. At present, as well as holding the position of the President of the Japanese Literary Studies Club, whose networks have extended across the country, she also serves as the Vice President of the Japanese Studies Association in Thailand.

After her retirement, Professor Dr. Sirimonporn Suriyawongpaisal continued to work as a regular lecturer and a special scholar for two terms, teaching, conducting research and being responsible for administration and academic services until February 2018. After that, she served as a special lecturer and a thesis co-advisor. She has continued to produce quality academic work and has held important positions in both national and international organizations.

Professor Dr. Sirimonporn Surawongpaisal is a scholar who is endowed with academic competence and professional ethics and her works are widely recognized nationally and internationally. She has continued to make a contribution to the Faculty of Arts, Chulalongkorn University and the country. The Chulalongkorn University Council has thus unanimously consented to appointing her a Professor Emeritus of the Faculty of Arts as an honour in the years to come.

**Commendation on the Occasion when
Professor Dr. Pornsan Watanangura
is appointed
Professor Emeritus of the Faculty of Arts**

The Chulalongkorn University Council, at its 828th meeting held on June 27th, 2019, recognised Professor Dr. Pornsan Watanangura as a scholar who is an exemplary academic with knowledge, competence and expertise in German. She has dedicated herself to teaching and learning as well as to research so that she has been accepted at the national and international level. It is, thus, deemed appropriate to praise, honour and cherish her as a good example for the years to come.

Professor Dr. Pornsan Watanangura received a Bachelor of Arts Degree and a Master of Arts Degree in the German Language and Literature from Chulalongkorn University in 1973 and 1975 respectively. She completed her studies for a Magister Artium (M.A.) and a Dr. Phil (Ph.D.—Doctor of Philosophy) from Ruprecht-Karls University in Heidelberg in the Federal Republic of Germany in 1980 and 1985 respectively. She started her teaching career in the German Section of the Department of Western Languages in the Faculty of Arts in 1976 and was appointed a full Professor in 2001. Her research works in the German language and literature as well as in German Studies are in the form of books, textbooks, translation works and articles; 164 in total. She has also served as the editor of eighteen books and journals.

As well as teaching students in the German Section of the Western Languages of the Faculty of Arts and in the Faculty of Applied and Fine Arts, the Faculty of Political Science and the Faculty of Science at Chulalongkorn University, Professor Dr. Pornsan Watanangura has been Chair of the Doctoral Degree Programme Drafting Committee of the German Section in the Faculty of Arts at Chulalongkorn University and also the Chair of the Working Committee of the Pedagogical Studies Programme, which is the only programme of its kind in Southeast Asia. She has collaborated with the Goethe Institute—Bangkok-Munich, the Ministry of Education, German specialists and academics from schools and universities in Thailand to write German textbooks for high school students. These textbooks have been used in schools all over the country for more than ten years. She has also produced textbooks on language, phonetics and reading, which have been used at the university level. From 2000 to 2012, she taught German to secondary school students at Klai Kang Won School as part of the Long Distance Learning via Satellite Project. In 2004, her teaching was televised to the public via the Television Station for Long Distance Learning of the Ministry of Education and from 2009 -2016, via the Distance Television of Klai Kang Won School. This is a good example of her public service which has been extensively beneficial to the community and the general public. In 2012, she was invited to teach at the Deutsch als Fremdsprachenphilologie Institute in the University of Heidelberg in the German Federal Republic.

Professor Dr. Pornswan Watanangura has been honoured by the Federal Republic of Germany as a specialist in and a contributor to the German language and literature, Intercultural German Studies and the Thai-German relationship as can be seen in her being decorated with the Bundesverdienstkreuz am Band in 2016. In terms of research, she has been an exemplary researcher in Humanities who is able to study and profoundly synthesize the body of knowledge and integrate the German language and literature with other academic principles, for example, history, social sciences, international relations, culture, music and dramatic arts. In 2009, she was presented with an award at the Very Good level by the Chulalongkorn University Royal Golden Jubilee Fund” for her research, “The Relationships between the Royal Kingdom of Siam and European Courts as Seen in the Documents from King Chulalongkorn’s First Visit to Europe in 1897”. She created a network of researchers in different academic principles to launch an interdisciplinary research work under the topic, “Buddhism in the World’s Literature”. The researchers who contributed to this work were from the Western Languages, Eastern Languages and Philosophy Departments of the Faculty of Arts and from Göttingen University and Wuppertal University in the Federal Republic of Germany, as well as from the University of New York in the U.S.A. The research has been presented at international academic conferences and published internationally.

With her determination to construct a network of researchers, Professor Dr. Pornsan Watanangura has been able to expand research activity through collaboration with various universities and her work has been accepted by international research networks as is evident in her being invited to serve as an administrative committee member of the Gesellschaft für interkulturelle Germanistik – GIG (Association of Intercultural German Studies).

Since her retirement, Professor Dr. Pornsan Watanangura has continued to dedicate herself to research and academic affairs. At present, she is the President of the Thai-German Association and an academic member of the Association of Intercultural German Studies. In 2017, she was appointed a Fellow of the Royal Society of Thailand in the category of the Arts of Literature in the field of Comparative Literature.

Professor Dr. Pornsan Watanangura is a scholar who is endowed with competence, virtues and ethics in the academic profession. Her works are widely recognised at the national and international level. Chulalongkorn University has, thus, unanimously agreed to appoint her a Professor Emeritus of the Faculty of Arts to honour her in the years to come.

Commendation on the Occasion for recipients of
certification for outstanding research works in the
Ratchadapisaek Sompote (King's Jubilee) Fund

Honors Announcement
Yaowalak Panyasing, DVM, Ph.D.
A Recipient of the Distinguished Research Award, Faculty Member Category
The Ratchadapisek Sompote Fund, 2019

Yaowalak Panyasing received a Doctorate in Veterinary Microbiology and Preventive Medicine from Iowa State University in the U.S.A., in 2013. At present, she is a permanent lecturer in the Department of Pathology of the Faculty of Veterinary Science at Chulalongkorn University.

Her distinguished, award winning research, “Working toward a CSFV Oral Fluid Antibody ELISA: Defining Oral Fluid Antibody (IgA, IgG) Kinetics against Envelope Glycoproteins (E2, Erns)” is a study of the existence of an oral fluid antibody (IgA and IgG) against Glycoproteins (E2 and Erns) of classical swine fever virus in the sampling oral fluid which responds to infection and vaccine production, together with developing the ELISA test set which has testing specifications for diagnosing and screening swine fever virus in each swine and in each pigsty. The research results are distinguished for the following reasons.

1. This is a new development in the diagnosing method of swine diseases, using oral fluid samples instead of a blood test.

2. This is the first research work to study the existence of antibody (IgA and IgG) in the sampling oral fluid of swine that are infected by classical swine fever virus and swine that have been vaccinated.

3. The results of this research have been developed into 4 test sets which have been submitted for patent registration, namely;

a. An invention, “A Test Set for Immunity against E2 Protein of Classical Swine Fever Virus from Oral Fluid Specimen,” Patent Application Number 170300266.

b. An invention, “A Test Set for Immunity against Erns Protein of Classical Swine Fever Virus from Oral Fluid Specimen,” Patent Application Number 170300127.

c. An invention, “A Test Set for Immunity against E2 Protein of Classical Swine Fever Virus from Sampling Water That Is Rinsed through Swine Meat or Serum Specimen,” Patent Application Number 170300128.

d. An Invention, “A Test Set for Immunity against Erns Protein of Classical Swine Fever Virus from Sampling Water That Is Rinsed through Swine Meat or Serum Specimen,” Patent Application Number 17030029.

4. This research was published in an international journal under the title, “Panyasing, Y., Thanawongnuwech, R., Ji, J., Gimenez-Lirola, L., Zimmerman, J. Detection of classical swine flu virus (CSFV) E2 and Erns antibody (IgG, IgA) in oral fluid specimens from inoculated (ALD strain) or vaccinated (LOM strain) pigs. *Vet Microbiol.* 208, 224: 70-77”.

5. The test sets developed from this research have been further studied at Kansas State University for their efficiency in diagnosing classical swine flu virus and the study was published in an international journal under the title, “Popescu, L.N., Panyasing, Y., Gimenez-Lirola, L., Zimmerman, J., Rowland. R.R.R. E2 isotype-specific antibody responses in serum and oral fluid after infection with classical swine fever virus (CSFV). *Vet Microbiol.* 209, 235: 265-269”.

Honors Announcement
Associate Professor Kunlaya Somboonwiwat, Ph.D.
A Recipient of the Distinguished Research Award, Faculty Member Category
The Ratchadapisek Sompote Fund, 2019

Kunlaya Somboonwiwat obtained a Doctorate in Biochemistry from Chulalongkorn University in 2015. At present, she is Associate Professor in the Department of Biochemistry of the Faculty of Science at Chulalongkorn University.

Her distinguished, award winning research, “Protein and Regulatory MicroRNAs in Shrimp Immunity against Severe Pathogens” is an in-depth fundamental research focusing on the search for and the study of the functions of genes, proteins and microRNAs in shrimp immunity, which is important in the resistance to bacteria and viruses that cause severe pathogens in shrimp. The research is distinguished in three aspects:

1. It has been accepted in the international academic circle, with 10 papers being published in international journals at the Q1 and Tier1 level.
2. The knowledge of shrimp immunity can be used to create an assessing process of shrimp health for research and development of products for boosting shrimp immunity.
3. This should contribute to producing a product prototype in the form of a shrimp supplementary nutrient which is efficient in reducing the occurrence of contracting bacterial and viral pathogens in shrimp.

Honors Announcement
Assistant Professor Thanapan Laiprakobsup Ph.D.
A Recipient of the Distinguished Research Award, Faculty Member Category
The Ratchadapisek Sompote Fund, 2019

Thanapan Laiprakobsup received a Doctorate in Political Science from the University of Houston in the U.S.A., in 2010. At present, she is Assistant Professor in the Department of Government of the Faculty of Political Science at Chulalongkorn University.

Her distinguished, award winning research, “Policy Network Advocacy in Rural Thailand: Case Studies of Agricultural and Community Welfare Policies” aims to analyze causal factors which lead to policy network advocacy in rural Thailand, explain the strategies for advocating such networks and systematically enforcing the policy-oriented agenda of a group and explain the relationship between the public policy process and the group as well as the network through the policy-oriented movement network at the grass roots level in rural Thailand. This research has found that groups and networks in rural Thailand vary in structure and their process of identifying the policy-oriented agenda. The factors that are influential on the structure, process and strategies are resources, knowledge, negotiation and the connection with external networks. The implications of this research are concerned with establishing a policy which takes the diversity of networks into consideration, encouraging participation in the process of policy establishing and developing democratic society by promoting policy-oriented groups and networks in rural areas.

This research consists of three main implications, namely;

1. In establishing the government’s policy, it is necessary to take the diversity of the groups and networks in rural Thailand into consideration and to seriously give importance to the “participation” of people in the area where the policy is established.
2. The participation in the process of establishing a public policy for the development of the groups and networks in rural Thailand includes offering all sectors—whether they are the people sector, civil society, the private sector or the government sector, — the ability equally to take part.
3. The promotion and development of democratic society should be aware of and accept “the diversity in the movements to enforce the policy-oriented agenda of the groups and networks in rural Thailand, which leads to people’s trust in the process of establishing a public policy under the democratic system.”

Honors Announcement
Associate Professor Puangthong Pwakistan, Ph.D.
A Recipient of the Distinguished Research Award, Faculty Member Category
The Ratchadapisek Sompote Fund, 2019

Puangthong Pwakistan received a Doctorate in History from the University of Wollongong in the Commonwealth of Australia in 1995. At present, she is Associate Professor in the Department of International Relations of the Faculty of Political Science at Chulalongkorn University.

Her distinguished, award winning research, “Thai Foreign Relations in the Cold War Era,” focuses on the international relations between Thailand and her Southeast Asian neighbouring countries, particularly Laos, Cambodia and Vietnam. This research is commended for the following aspects:

1. The research uses different periods during the Cold War Era as the focal points to explain Thailand’s foreign policy. Though the War Era encompassed only five decades (the mid 1940s –the early 1990s), two major wars broke out in this region—the Vietnam War and a war in Cambodia. This was a time when the role of Thailand was important to the conflict and to the balance of power of the Super Powers in Southeast Asia. Thai foreign affairs during this time also affected the relationship with her neighbouring countries during the post Cold War Period.

2. Thailand’s foreign policy during the Cold War Era also affected the national construction movement of Thailand, in terms of political, economic and social development. The results of this development have remained to be seen to the present.

3. This research explains the factors that assign the roles, policies and strategies of Thailand, specify national profit and the threat perception of the Thai government during each period as well as the role of each power group and each social power.

Honors Announcement
Associate Professor Sasi Pongsarayuth, Ph.D.
A Recipient of the Distinguished Research Award, Faculty Member Category
The Ratchadapisek Sompote Fund, 2019

Sasi Pongsarayuth received a Doctorate in Fine Arts from Chulalongkorn University in 2014. At present, she is Associate Professor in the Western Music Section of the Department of Music, Chulalongkorn University.

Her distinguished, award winning research, “The Innovative Musical Notation of Pali Sound from the Phonetic Tipitaka (Saj-Jha-Ya Tipitaka)” is a study of the problems in Pali pronunciation which does not correspond with the Kac-Ca-Ya-Na grammatical rules due to sound intervention from a mixture of the dialect, making Pali pronunciations which strictly follow grammatical rules deviate from the rules. The use of Western musical methodology, which is the international standard note notation method, is therefore a way of solving the problems coming from writing Pali sounds through the linguistic approach. This is because reading the scripts alone has a limitation in the shortage and the length of the sounds, which cannot be clearly specified as to how the sounds should be accurately pronounced. However, Western musical notes can be used as a tool to fulfill this lost dimension. The Western musical note notation is not complicated but it is able to efficiently contain the sound details and it has an accurate structure, using symbols that can be easily noticed and remembered. This research is distinguished in its ability to record 40 Volumes of the Tipitaka Scripture. The work is an integration of different disciplines; namely, musicology, linguistics, the Pali language, Buddhism and artistic design, being blended in harmony. This creation is not only a change in presenting the writing of sounds but it also opens up a new dimension of the Pali sounds, which are complex, making them easier to study. It unlocks the door of the cabinet containing the Tipitaka Doctrine which is inscribed on to palm leaves to connect the Buddhist Scripture with the digital world nowadays in a harmonious way. It is a way of disseminating the Saj-Jha-Ya Tipitaka to the international world through the Pali note notation method. This can be considered as the first time in the world that the Tipitaka Scripture has been recorded in Western musical notes. It is a continuation, extension and preservation of the Tipitaka in a new way for the benefit of the country and the human race.

Honors Announcement
Songsak Madsalae Ph.D.
A Recipient of the Distinguished Research Award, Faculty Member Category
The Ratchadapisek Sompote Fund, 2019

Songsak Madsalae received a Doctorate in the Arabic Language and Linguistics in 2013. He is now a permanent lecturer in the Arabic Language Section in the Department of Eastern Languages of the Faculty of Arts at Chulalongkorn University.

His distinguished, award winning research, “The Development of Roman Alphabets for Enhancing Arabic Pronunciation Skills of Thai Students” is the study and development of the Romanization of Arabic for the teaching and learning of the Arabic language. The researcher studied information from documents together with information from questionnaires in order to create a new system of Romanized alphabets, tested the efficiency of the Romanized alphabets to be used to replace Arabic sounds, developed and improved the Romanized alphabets and their use until he could obtain a new system of the Romanized alphabets, which was tested in the teaching of the Arabic language at the beginners level. The result was that the Romanized Arabic alphabets could help learners to pronounce Arabic words correctly and quickly. The research is distinguished for the following reasons.

This research is a study in linguistics, the Arabic language and education, characterized as research and development which has been continued with action research in the form of classroom research. The research methodology is both qualitative and quantitative, with different stages of study, test, inspection and certification until a body of knowledge leading to teaching and learning innovation is obtained. This set of Romanized Arabic alphabets is good to be used in accompaniment with Arabic language books for beginners and textbooks. At present, it is used for Arabic pronunciation in the teaching materials for Chulalongkorn University’s students and outsiders. It is used in the online programme—CHULA MOOC and also by other academic institutions that offer classes in the Arabic language. The Romanized Arabic alphabet set has been well received and has helped to facilitate the teaching and learning of the Arabic language. Its use is not limited to Thai students only but it can also be used by foreigners because it is simple and the spellings are close to those of English, which is an international language. It has proved to be helpful in improving the efficiency of learning the Arabic language, leading the teaching and learning of the Arabic language into the new century. For this reason, the researcher has named it “Chula 100” to honour Chulalongkorn University on the occasion of its centenary.

A report presented by
President of Chulalongkorn University
Professor Dr. Bundhit Eua-arporn,
Friday October 4, 2019 (morning session)
at Chulalongkorn University Auditorium

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 3, 2019 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 4, 2019 (afternoon session)
at Chulalongkorn University Auditorium

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 3, 2019 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

Dr. Parinya Siriattakul, Faculty of Psychology,

for his dissertation on “A Development of the Casual Relationship Model of Social Skills in Deaf Children with Theory of Mind as a Mediator”

Dr. Sangsom Kor-Udomm Faculty of Political Science,

for her dissertation entitled “ From the perspective of “ Russian Mafia” : an analysis of transnational organized crime in Thai social context”

Dr. Thidarat Tannirat, Faculty of Education,

for her dissertation entitled “Development of an Instructional Model by Integrating Information Problem Solving, Scaffolding and Z to A Approach for Creative Product Development”

Dr. Waraporn Cherdchoo, Faculty of Fine and Applied Arts,

for her dissertation entitled “A Musical Suite: Pin-Dukkhanirodhagaminipatipada”

Dr. Pasu Rounpanyaraj, Faculty of Fine and Applied Arts,

for his dissertation entitled “Innovative Kinetic Jewelry Design from Thai Cultural Capital”

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

Faculty of Education

Non-Formal Education	Miss Laliporn Wittayasak
Early Childhood Education	Miss Thitima Sangkhachan
Counseling Psychology, Guidance and Special Education	Miss Raweewan Machpato
Music Education	Mr. Sasidisya Sasisakulporn
Educational Technology	Miss Pimlak Charoenwanichkur
Business Education	Miss Pattaraporn Laiakson
Elementary Education	Miss Sarah Madruam
Secondary Education (Humanities and Social Sciences)	Miss Chadaporn Takong
Secondary Education (Science Education)	Mr. Kris Wiriyasitththarot
Art Education	Miss Ploipan Wanngern
Health and Physical Education	Miss Pitcha-orn Chimnakphan

The Faculty of Psychology

Psychology	Miss Natthaporn Tricharoenwivat
Psychological Science	Mr. Nattapat Wanichsuwan

Public Administration	Miss Yosawadee Nopcharoonsri
Sociology and Anthropology	Miss Warisaraporn Pookkaew

Faculty of Science

Mathematics	Mr. Peerapong Panyasakulwong
Chemistry	Mr. Supadech Pretpraewnont
Applied Chemistry	Mr. Posawat Fongsmut
Applied Chemistry	Miss Laksomon Boonchaiyapruerk
Chemical Engineering	Mr. Sirawit Chanthong
Microbiology	Miss Wantini Benjamongkolsakul
Biochemistry	Miss Panali Watthana
Biology	Mr. Napat Emdee
Food Technology	Miss Thitipa Thirawattanawong
Geology	Mr. Pakin Assawapanuwat
Botany	Mr. Pobtham Kosolwattana
Physics	Mr. Natthachak Polsen
Materials Science	Miss Meentra Techasamran
Computer Science	Mr. Worawut Worawichyawongsa

Faculty of Sports Science

Sports and Exercise Science	Miss Natnicha Nueangchamngong
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Faculty of Engineering

Automotive Design and Manufacturing Engineering	Mr. Tatchapon Leelaprachakul
Computer Engineering	Mr. Pakawat Wangkriangkrai
Chemical Engineering	Mr. Boonyakorn Asawaniwet
Mechanical Engineering	Mr. Ratchaphol Ngamnitiorn
Mechanical Engineering	Mr. Woraprot Ouamyaem
Geo-resources Engineering	Mr. Wittawat Atcharyasirapot
Nano-Engineering	Mr. Peemanat Wareekasem
Petroleum Engineering	Mr. Phumisant Srimaharacha
Electrical Engineering	Mr. Rawich Pichayawet
Civil Engineering	Mr. Nattahanant Thitisansiri
Information and Communication Engineering	Mr. Thanapapas Horsuwan

Environmental Engineering	Mr. Thanapol Leelertkij
Environmental Engineering	Mr. Purin Krapong
Aerospace Engineering	Miss Nichakan Suwannus
Industrial Engineering	Mr. Ek-amorn Puengpreeda

Faculty of Fine and Applied Arts

Western Music	Miss Patra Pongsaengsuriya
Western Music	Miss Voracha Okkitjawat
Western Music	Mr. Supawich Saijui
Thai Music	Miss Suvarin Yanyongthanapa
Visual Arts	Miss Chanikarn Chawanant
Creative Arts	Miss Netradao Ongartthavorn
Dance	Miss Praewa Bangphung

Faculty of Economics

Economics	Miss Varisara Saengthongpinit
Economics	Mr. Lattakitt Larpudomkan
Economics	Mr. Savaphol Hirantiaranakul

Faculty of Architecture

Industrial Design	Miss Chanitra Pholthanawasit
Architectural Design	Miss Ratchapa Chaochaksiri
Communication Design	Miss Varisara Wongworakul
Architecture	Mr. Chonwat Anantanaratana
Urban Architecture	Mr. Kittinat Pimpakhant
Interior Architecture	Miss Paphawin Tatiyaburus

Faculty of Allied Sciences

Nutrition and Dietetics	Miss Narumol Noopetch
Program in Radiological Technology	Miss Yosita Uchuwat
Medical Technology	Miss Sasiprapa Sonkaew

Faculty of Veterinary Science

Veterinary Medicine	Mr. Thanarat Laoritta
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Faculty of Arts

Philosophy	Miss Pitchaya Wlitsorn
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Chinese	Mr. Pawi Preukasaseth
Japanese	Miss Wansiri Karusattayanont
Thai	Miss Putita Puengcham
French	Miss Warinporn Sriwattanatrakul
German	Miss Wiranchana Supawong
Language and Culture	Miss Napaswan Uawichitkhun
Spanish	Miss Sirada Chaisomboonphant
English	Miss Pichsinee Kongpracha
Italian	Miss Tanyakarn Phungamthong
Geography	Miss Praewpetch Sombatpium

School of Agricultural Resources Administration

Agricultural Resources Administration Miss Supaporn Boonying

Police Nursing College

Nursing Science Miss Urairisa Sumetrattanasri

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 2018 academic year the recipients are

First class honours graduate in Political Science

Miss Parinda Koosakul

First class honours graduate in Engineering

Mr. Ravich Pichavet

For the “Bhumibol Fund” essay writing contest for the 2018 academic year the designated topic for this year is “**Responsibilities, Duties and Unity Constitute Strength of Love for Country**” The judging committee deems that the following students be the recipients of these prizes :

First Prize	Miss Pimsurang Chaninleela	Faculty of Law
Second Prize	Mr. Thirawat Muentay	Faculty of Medicine
Third Prize	Miss Panitnart Tiensirirerk	Faculty of Medicine

This year Chulalongkorn University has organized a contest for the best academic article on the subject “**Ways in which the pride and prestige Chula enjoys may be forever maintained**” The judging committee deems that the following students be the recipients of these prizes:

First Prize Group of students comprising the following:

Mr. Tiendanai Sermbonphaisal	Faculty of Education
Lt.JG. Suthiya Poonead	Faculty of Education
Mr. Chayan Charoenpakdi	Faculty of Science
(Lt.JG. Suthiya Poonead as representative receives the prize)	

Second Prize Group of students comprising the following:

Mr. Thiraphol Boonnark	Faculty of Political Science
Miss Chutirat Klainongsuang	Faculty of Political Science
Mr. Sarach Amornwivat	Faculty of Commerce and Accountancy
(Mr. Thiraphol Boonnark as representative receives the prize)	

And in the 2018 academic year one student from each of the university's faculties have been selected as recipients of the "Bhumibol Fund", they are:

Faculty of Education	Mr. Suparerak Chankham
Faculty of Psychology	Miss Yanasikan Thanlaksanakul
Faculty of Dentistry	Miss Nantmanus Phupatthanakul
Faculty of Law	Miss Rasameechan Saowakhon
Faculty of Communication Arts	Miss Boonraksa Sasaeng
Faculty of Commerce and Accountancy	Miss Jamin Laoprasert
Faculty of Medicine	Mr. Siripong Waewseethong
Faculty of Pharmaceutical Sciences	Miss Nattaporn Banjongsiri
Faculty of Political Science	Miss Praewa Sritong
Faculty of Science	Mr. Pongsakorn Boonrod
Faulty of Sport Science	Mr. Kamol Wongyoo
Faculty of Engineering	Mr. Chanol Rodduaytham
Faculty of Fine and Applied Arts	Miss Thanchanok Tuasuparp
Faculty of Economics	Mr. Anatayos Sae Kow
Faculty of Architecture	Mr. Choonsiri Chai-lar
Faculty of Allied Health Sciences	Mr. Phrathong Lertratanaporn
Faculty of Veterinary Science	Miss Chularach Meechai
Faculty of Arts	Miss Jinnipa Phuwanakolkam
School of Agricultural Resources	Mr. Phanomsak Tomjai

May it please Your Royal Highness

Commendation on the Occasion
for outstanding research works in the
Ratchadapisaek Sompote (King's Jubilee) Fund

Honors Announcement

Julaluk Noiphung, Ph.D.

A Recipient of the Distinguished Research Award, Ph.D. Student Category

The Ratchadapisek Sompote Fund, 2019

Julaluk Noiphung received a Doctorate in Clinical Biochemistry and Molecular Medicine from the Faculty of Allied Health Sciences at Chulalongkorn University in 2018. At present, she works as a post-doctoral researcher of the Ratchadapisek Sompote Fund in the Graduate School of Chulalongkorn University.

Her dissertation, “Development of Simple Devices for Point-of-Care Screening of Bacterial Infection and Inflammatory Markers” has Assistant Professor Wanida Laiwattanapaisal, Ph.D., as the main advisor and Professor Charles S. Henry, Ph.D., as co-advisor. This work is a development of the paper-based analytical device for screening bacterial infections of the urinary system. The device developed is for examining the amount of nitrite and cultivating and screening the Escherichia coli bacteria from other kinds of bacteria that can be detected in urine. All this can be done using only one device. In the second part of the research, the researcher has developed a paper-based analytical device for measuring the Esterase enzyme in white blood cells by measuring the diameter of the existing reactions and using the result to compute the intensity of the enzyme found in urine. The two devices will be useful for screening urinary tract infections, particularly in homes for the elderly or in remote rural areas. The third part of the research is the development of a paper-based analytical device that helps to reduce the effects of viscosity, which differ in human saliva, and it is used to measure the PS value and nitrite in the saliva. The study has found that the difference in the viscosity of saliva significantly affects the creation of a standard graph for examining nitrite, and the buffer appropriately mixed to rinse the nitrite will nicely reduce such effect. The use of the devices developed for examining the saliva can help to screen oral infections and abnormalities. The aforementioned research emphasizes the application of the paper-based analytical devices for identifying biochemical substances and pathogens in the mucus of a human body, for example, saliva and urine. The use of such samples can lessen the need for a blood test. These devices are also very useful in developing countries as they can be used in field work, their test results can be reported quickly, their production cost is low and the production materials do not cause much environmental pollution. They have the chance to develop and be produced and used for commercial purposes.

Honors Announcement
Anchalee Prasansuklab, Ph.D.
A Recipient of the Distinguished Research Award, Ph. D. Student Category
The Ratchadapisek Sompote Fund, 2019

Anchalee Prasansuklab received a Doctorate in Clinical Biochemistry and Molecular Medicine from the Department of Clinical Chemistry in the Faculty of Allied Health Sciences at Chulalongkorn University in 2019. At present, she is a permanent lecturer in the College of Public Health Sciences at Chulalongkorn University.

Her dissertation, “Mechanisms of Thai Medicinal Plant Extracts on the Attenuation of Glutamate Medicated Neurotoxicity” has Assistant Professor Tewin Tencomnao, Ph. D., of the Department of Clinical Chemistry in the Faculty of Allied Health Sciences at Chulalongkorn University as the main dissertation advisor and Associate Professor Alison T. Ung, Ph. D., of the Faculty of Science, Sydney Technology University in the Commonwealth of Australia as co-advisor. This research is a study of the competency of Thai medicinal plants in preventing or curing neurodegenerative syndromes, for example, Alzheimer’s disease, testing whether Thai medicinal plant extracts can attenuate glutamate mediated neurotoxicity and what their attenuating mechanisms are. Glutamate toxicity is a significant mechanism which leads to the death of neuro-cells. The experiment found that, in comparison with other medicinal plants used in this experiment, ethanol extract from *Acanthus ebracteatus* leaves and that from *Streblus asper* leaves are able to prevent the death of neuro-cells from the toxic glutamate. Both extracts are able to protect the neuro-cells through the mechanism that reduces oxidants in cells and increases the activity of anti-oxidant genes at the RNA, the apoptosis method, which is introduced by the apoptosis AIF stimulant. In addition, the extract from *Streblus asper* leaves is ageing resistant as it is able to increase the life expectancy of *C. elegans* parasites. Therefore, *Acanthus ebracteatus* leaves and *Streblus asper* leaves are important natural sources, which can be developed into alternative medicine for the treatment of neurodegenerative syndromes in the future. The body of knowledge gained from this research is academically beneficial and it can be further studied and be used for commercial purposes as it can add value to Thai medicinal plants.

Honors Announcement
Panupong Mahalapbutr, Ph. D.
A Recipient of the Distinguished Research Award, Ph. D. Student Category
The Ratchdapisek Sompote Fund, 2019

Panupong Mahalapbutr received a Doctorate in Chemical Biology and Molecular Biology from the Faculty of Science at Chulalongkorn University in 2018. At present, he is a post-doctoral researcher in the Department of Chemical Biology in the Faculty of Science at Chulalongkorn University.

His dissertation, “Anticancer Activity of Mansonome G Derivatives against Human Non-Small Cell Lung Cancer: Computational and Mechanistic Study” has Assistant Professor Thanyada Rungrotmongkol, Ph. D., as the main dissertation advisor and Assistant Professor Piyanut Wonganan, Ph.D., as co-advisor. This research is a theoretical and experimental study of Mansonome G (MG) and derivatives against the signaling pathway which is controlled by the epidermal growth factor receptor protein (EGFR) in human non-small lung cancer cells of both the wild-type EGFR (A549) and the mutant-type EGFR (H1975) through the use of advanced scientific equipment. This has led to the discovery of highly competent MG (MG3) which exhibits toxicity against lung cancer cells of 4-9 times more than chemotherapy treatment (cisplatin) which is used now and it less toxic against normal cells. Moreover, the researcher has applied the existing technique of a complex inclusion substance and beta-cyclodextrin to increase, with significant implications, MG’s ability to be dissolved in water, its stability and its anticancer activity. The body of knowledge obtained from this research is valuable in that it can be further used to develop MG 3 as a cancer treatment medicine which is more effective than the medicine currently used and/or it can be used as a prototypal structure in designing new anticancer medicine, depending on the information on atomic- level structure obtained from chemical-computer computation. This is a way of adding value to natural substances found in Thailand. In addition, the development of MG 3’s ability to be dissolved in water through the existence of complex inclusion substance and beta-cyclodextrin to increase the efficiency in cancer treatment can be truly applied in the pharmaceutical aspect.

Honors Announcement

Wisarut Junprung, Ph. D.

A Recipient of the Distinguished Research Award, Ph.D. Student Category

The Ratchadapisek Sompote Fund, 2019

Wisarut Junprung received a Doctorate from the double degree programme in Biochemistry and Molecular Biology at the Faculty of Science at Chulalongkorn University and in Applied Biological Science (Aquaculture) from the Department of Animal Science and Aquatic Ecology from the Faculty of Bioscience Engineering at Ghent University in the Kingdom of Belgium in 2019. At present, he is a post-doctoral researcher in the Center of Excellence in Molecular Biology and Genomics of Shrimp in the Department of Chemical Biology at the Faculty of Science, Chulalongkorn University.

The dissertation, “Functional Characterization of Heat Shock Proteins during Stress Response in Pacific White Shrimp *Penaeus vannamei* and Brine Shrimp *Artemia franciscana*” has Professor Anchalee Tassanakajon, Ph. D., and Professor Peter Boucier, Ph.D., as the main advisors and Professor Gilbert Van Stappen, Ph.D., and Premruethai Supannakul, Ph.D., as the co-advisors. This research is a study of the characteristics and functions of heat shock proteins in response to stress, for example, heat and pathogens in two living creatures—white shrimp and Artemia shrimp. It has been found that heat stimulation and heat shock proteins are able to help white shrimp and Artemia shrimp to tolerate the heat and pathogen infection. The research has found that heat stimulation in shrimp enables the shrimp to tolerate the infection of *Vibrio parahaemolyticus* bacteria—the species which produces toxic proteins which are pathogens, causing a decrease in shrimp production. The discovered heat stimulation can be applied to the development of shrimp species to make them strong and tolerant to pathogens, as well as being applied for preparation in making young shrimp strong by nurturing them with heat stimulation before they are moved to be nurtured in an earthen pond. Moreover, the research has also found the difference of the one-position sequential new cleotide in Artemia shrimp which are tolerant to heat and bacterial infection. The difference found can be applied to tracking shrimp species that are tolerant and intolerant to pathogens through the use of a DNA marker. The stages in finding the DNA marker in Armetia can be used for DNA markers in other kinds of living creatures, for example, shrimp, an economically important creature of Thailand.

Honors Announcement

Sakda Jampasa, Ph.D.

A Recipient of the Distinguished Research Award, Ph.D. Student Category

The Ratchadapisek Sompote Fund, 2019

Sakda Jampasa received a Doctorate in Science (Petro Chemistry) from the Faculty of Science at Chulalongkorn University in 2017. At present, he is a post-doctoral researcher at the Institute of Biotechnology and Genetic Engineering.

His dissertation, “Electrochemical Chemical Sensors for Human Papillomavirus DNA, C-Reactive Protein and Food Colorants Detections” has Professor Orawan Chailapakul, Ph. D. , as the main dissertation advisor and Professor Therayuth Wilaiwan, Ph. D. , and Associate Professor Weena Siengproh, Ph.D., as the co-advisors. This research is the development of electrochemical sensors for detecting medical biomolecular and food markers, using electric conductive materials and new research methods to create electrochemical sensor innovation to detect medical bio-medical markers. These consist of a sensor for detecting the DNA of high risk HPV viruses, types 6 and 18, and an electrochemical immuno-sensor for detecting C-reactive protein, which are markers of the risk of cervical cancer and cardiovascular diseases respectively. The sensor for detecting the DNA of HPV viruses is the first time that a synthetic biological probe has been applied, together with electrochemical detection, making this developed sensor precise and highly sensitive for detection. As for the electrochemical immuno-sensor for detecting C-reactive protein, the electrochemical pursuer which has been applied to this research is a new kind of electrochemical pursuer which yields high detecting signals and can easily be labeled on to an antibody. In detecting synthetic food colorants to control the quality of food and refreshments, this research has modified the surface of the electrode with graphite oxide in order to increase the precision range of detection. The research has found that an electrode whose surface is modified by graphite can yield higher responsive signals in comparison with an electrode which has not been modified. All this research work has created a new body of knowledge which can be further studied to yield benefits in a larger circle, especially in medicine and food, so that control, inspection and protection from diseases can be promptly executed. This body of knowledge can be used to develop a prototype for detecting pharmaceutical and environmental substances and others.

Honors Announcement
Sukanya Boonsri, Ph.D.
A Recipient of the Distinguished Research Award, Ph.D. Student Category
The Ratchadapisek Sompote Fund, 2019

Sukanya Boonsri received a Ph. D. in Educational Measurement and Evaluation from the Faculty of Education at Chulalongkorn University in 2019. At present, she is a lecturer in the Educational Research and Evaluation Section in the Department of Education at the Faculty of Industrial Education at the Thanyaburi Rajamangala University of Technology.

Her dissertation, “Development of Multi-Stage Computerized Adaptive Testing for Measuring Multidimensional Knowledge Competency of Vocational Technical Teachers” has Associate Professor Kamonwan Tangdhanakanond, Ph.D., as the main dissertation advisor and Professor Sirichai Kanchanawasi, Ph.D., as co-advisor. This research is a study to develop a competency model of vocational technical teachers, examinations and examination bank for measuring knowledge competency of vocational technical teachers as well as to develop multi-stage computerized adaptive testing for measuring the knowledge competency of vocational technical teachers of fourth- year undergraduate students in Industrial Education, which is a measurement of knowledge in the teaching profession and in industrial vocation for summative evaluation before these students go out to practice their teaching profession and for evaluation of the fifth-year students before they graduate. This is also a way of revising the program—how far the students are knowledgeable according to what the program requires, whether the instructional process of the program achieves what has been stated in the program and whether the result of this study will yield a program of multi-stage computerized adaptive testing for measuring multidimensional knowledge competency of vocational technical teachers. The students can use the evaluation result as information about which level of knowledge competency of vocational technical teachers they are at and what dimension of competency they should develop. The development of this testing also helps the process of measuring multidimensional knowledge of vocational technical teachers to be more efficient than traditional testing or one dimensional testing, which use less test time and fewer exam questions, in terms of accuracy, punctuality and precision in estimating the actual abilities of the test takers. Computerized adaptive testing can be carried out anywhere and at any time desired. The body of knowledge obtained from this research can be applied to yield more benefit in a larger circle or it can become a prototype for the development of a model for measuring more specific multidimensional knowledge competency of vocational technical teachers by focusing on teachers in specific vocations, for example, mechanics teachers, electrician teachers, electronics teachers, computer teachers, industrial work teachers and construction work teachers. This is in line with the demands of fields that are highly specific. It will also be a guideline for the development of multi-stage computerized adaptive testing for measuring knowledge competency of other vocations taught by other Faculties, for example, Engineering, Fine Arts and Agriculture.

Honors Announcement

Parinya Siriattakul, Ph.D.

A Recipient of the Distinguished Research Award, Ph.D. Student Category

The Ratchadapisek Sompote Fund, 2019

Parinya Siriattakul received a Doctorate in Psychology (Development Psychology) from the Faculty of Psychology at Chulalongkorn University in 2019. Currently, he serves as the Director of the Academic and Research Counseling Center of the Political Science Association at Kasetsart University.

His dissertation, “A Development of the Casual Relationship Model of Social Skills in Deaf Children with the Theory of Mind as a Mediator,” has Assistant Professor Panrapee Suttiwan, Ph.D., as the main dissertation advisor and Ajarn Nipat Pichayayothin, P.D., as co-advisor. This work has compiled information obtained from a total of 200 deaf children who are able to hear sounds at a sound level of above 90 decibels and are studying in Pathomsuksa 3 -6 in seven schools for the deaf. The hypothesis is that the deaf children’s ability to understand other people’s thoughts is at variance with their social skills. People’s ability to understand other people’s thoughts is involved with the perception of the thoughts, feelings, emotions and beliefs of others as they really are but, for deaf children, it is found that their ability to develop an understanding of other people’s thoughts is slower than that of children in general, resulting in their inability to understand actions, emotions and thoughts in the same way as other people’s perception. This causes them problems in emotional and social adjustment; for example, aggressive behavior seen in their destroying things or hurting others, socio-psychological problems, depression, problems in emotional control and problems in interacting with others. All these problems reflect the slowly developed social skills of deaf children. This research is therefore the starting point for comprehending the ability to understand other people’s thoughts. If deaf children’s ability to understand other people’s thoughts is developed in accordance with their age, they will be able to understand others according to the reality perceived by others, adjust themselves to get along with other children and society, possess social skills and lessen their problematic behavior.

Honors Announcement
Saengsom Kor-udem, Ph.D.
A Recipient of the Distinguished Research Award, Ph.D. Student Category
The Ratchadapisek Fund, 2019

Saengsom Kor-udom received a Doctorate in Criminology and Justice from the Faculty of Political Science at Chulalongkorn University in 2019. At present he is an official in the position of Policy and Implementation Plan analyst at the Rapeepatanasak Research and Development Institute, the Office of the Judiciary.

Her dissertation, “From the Perspective of the ‘Russian Mafia’: An Analysis of Transnational Organized Crime in the Thai Social Context” has Assistant Professor Sumontip Chitsawang, Ph.D., as the main dissertation advisor. The work is a study of the behavior and types of crimes committed by the Russian Mafia in Thailand, their motivation, attitudes and perspectives towards the Thai social context, which affect their decision to commit crimes in Thailand. The research methodology involved collecting information from in-depth interviews of personnel in the judicial procedure; namely, police officers, immigration police and international police, as well as Russian inmates. A sample group of Russian inmates was interviewed, using Russian in the communication between the researcher and the inmates. The sampling group was also screened by a member of the Russian Mafia Transnational Organized Crime, using official documents to accompany the analysis and to synthesize the information. The knowledge from this research is valuable for developing a criminological theory in a new dimension, which is no longer limited to motivating causes, criminal behavior and types of crimes to explain the phenomena or the causes of crimes but also lends importance to and promotes an awareness of other factors, for example, perception of the attitudes and dimensions of the Russian Mafia in the Thai social context, which are important factors in analyzing and synthesizing the decision process in committing crimes. Policy and practical suggestions obtained from this research can be developed into guidelines or practical ways of dealing with the solutions to problems arising from the crimes committed by the members of the Transnational Organized Crime Group in a concrete way for working groups in the judicial sector.

Honors Announcement

Thidarat Tannirat, Ph.D.

A Recipient of the Distinguished Research Award, Ph.D. Category

The Ratchadapisek Sompote Fund, 2019

Thidarat Tannirat received a Doctorate in Educational Technology and Communication from the Faculty of Education at Chulalongkorn University in 2018. At present, she is a lecturer and Assistant to the Dean of the Faculty of Education at the Bansomdejchaophraya Rajabhat University.

Her dissertation, “Development of an Instructional Model by Integrating Information Problem Solving, Scaffolding and Z to A Approach for Creative Product Development” has Associate Professor Nawanit Songkram, Ph.D., as the main advisor and Associate Professor Chaitip Na Songkhla, Ph.D., as co-advisor. The work is research into and the development of an instructional model by integrating information problem solving, scaffolding and a Z to A approach for creative product development. This instructional model is a mixed type of online instruction and in-class instruction, consisting of six components as follows: 1) learning contents; 2) instructional strategies; 3) the role of teachers; 4) the characteristics of students; 5) instructional media; and 6) assessment. Learning consists of six stages; namely, 1) introduction and providing knowledge, 2) identifying problems through the use of IT, 3) searching for information, 4) scanning the information, 5) applying the information to developing creative products, and 6) drafting and filing an application for a patent. When this instructional model was tested with the students, it was found that 84.62% of them, at the highest level, were able to develop creative products and apply them for a patent, and this complied with the research hypothesis. In considering the assessment results and the certification of the instructional form by specialists, it was found that they were at an average of 4.80, being at the most appropriate level. Therefore, the form of instructional model obtained from this research is valuable and should be able to be used or applied to creating benefits in educational circles. It can train students to develop creative products, make them learn how to think and solve problems that occur while developing the work under the supervision of the teachers. This is a way of strengthening their experience before they enter the professional world.

Honors Announcement
Waraporn Cherdchoo, Ph.D.
A Recipient of the Distinguished Research Award, Ph.D. Student Category
The Ratchadapisek Sompote Fund, 2019

Waraporn Cherdchoo received a Doctorate in Fine Arts from the Faculty of Fine and Applied Arts at Chulalongkorn University in 2018. At present, she is a permanent lecturer in the Thai Musicology Section at the Department of Music in the Faculty of Humanities, Naresuan University.

Her dissertation, “A Musical Suite: *Phin-Dukkhanirodhagamminipatipada*” has Associate Professor Kumkom Pornprasit, Ph.D., as the main dissertation advisor and Associate Professor Pakorn Rodchangphuen as co-advisor. The dissertation is a creative research derived from the study of the *phin* (a lute-like musical instrument) music according to the Buddhist concept taken from ancient documents of the Indian and the Thai civilization. The study of the musical instrument of the *phin* family in Indian culture is divided into three main periods—the first period being the ancient period to the Veda period, the second period being the post Veda period and the third period being the Middle period. This study explains the connections between the musical instruments of the *phin* family, which existed at a time when Buddhism prospered. This has never been studied before. The research also explains the relationship and the characteristics of the *phin* in the two cultures as well as information about the music played by the *phin* that occurs in the Tipitaka Scripture, which consists of the Tipitaka in Pali written in the Thai alphabet and the Thai version of the Tipitaka. The information about the music played by the *phin* can be presented in three parts—philosophical information, religious information and musical information. These three parts explain the connection between the *phin* musical phenomenon and the Middle Path in the religious principle as well as the evident conclusion of the *phin* musical instruments which appear in the Tipitaka. This has been understood as belief or referred to as precept; however, facts have led to the conclusion that the *phin* had a real physical existence and it may be possible to specify the time of their existence which goes back to not later than the fourth century of the ancient Indian culture and has a connection with the *kra-chub-pi* or the four-stringed lute in the ancient Thai royal court. There were also other musical instruments of the same shape in Southeast Asia. This research has been developed into musical creativity, being the first Thai musical composition that describes the Dhamma about the Middle Path through musical rhythms and lyrics created from a combination of a new creative style and the traditional composition style. This has led to the discovery of particular characteristics of sounds, a series of melodies and a principle in creating musical aesthetics which is related to the essence of the Dhamma in a unified manner. The research has raised the perspective and a frontier that connects music with Buddhism, resulting in in-depth information which should contribute to Buddhist Studies. The research may also develop knowledge in the composition of Thai music to produce a new body of knowledge that can become a prototype or guidelines in creating Thai music, which can be applied in order to bring greater benefit to academic circles and Thai society at large.

Honors Announcement
Pasu ROUNGPANYAROJ, P.D.
A Recipient of the Distinguished Research Award, Ph.D. Student Category
The Ratchadapisek Sompote Fund, 2019

Pasu ROUNGPANYAROJ received a Doctorate from the Faculty of Fine and Applied Arts at Chulalongkorn University in 2019. At present, he is the owner of kinetic jewelry of the brand, PASU IT”S ALIVE.

His dissertation, “Innovative Kinetic Jewelry Design from Thai Cultural Capital” has Associate Professor Patcha Utiswannakul, Ph.D., as the main dissertation advisor. The work is a study and compilation of the information on the concept of Thai cultural capital and that of kinetic art, which has been researched and developed into contemporary jewelry to provide something unique to the market. This is also one step further in developing and creating design work that uses Thai cultural capital. The research has found that creating jewelry design from Thai cultural capital of the Thai puppet type has resulted in jewelry that can use the identity of Thai puppets in terms of structure, internal kinetic mechanism and external appearance and combine them with the kinetic concept to create innovative jewelry design which is unique in a commercial respect. A new method of jewelry design has been found; the jewels can be moved or disassembled in order to change their function on different occasions according to the wearer’s wish.

The creation of kinetic innovative jewelry from the concept of Thai cultural capital is a way of making the new generation realize the significance of Thai culture, which is unique in the world, to encourage them to turn to designing contemporary jewelry that is based on Thai cultural capital. This coincides with the government’s policy that wishes to develop and promote the commercial aspect of Thai cultural capital in order to create an opportunity to develop innovative jewelry design to ensure the sustainability of Thailand’s commercial, social and cultural aspects.

List of names of persons presenting reports
Thursday October 3 and Friday October 4, 2019
At the Main Auditorium Chulalongkorn University

**List of names of persons presenting reports
Thursday October 3 and Friday October 4, 2019
At the Main Auditorium
Chulalongkorn University**

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
Assistant Professor Dr. Wilert Puriwat
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
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

Associate Professor Suradech Chotiudompant

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

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

Police Colonel Surumphra Rodmanee

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 2018 academic year.

**List of names of Chulalongkorn University lecturers presenting
Her Royal Highness Princess Maha Chakri Sirindhorn
with degree certificates to be conferred for the 2018 academic year.**

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. Dr. Pajaree Tachart
16. Dr.Papaporn Chaihanchanchai
17. Miss Sirikanya Singcuna
18. Miss Chanisa Ngamapichon

The Chulalongkorn University Council at its 828th meeting
held on June 27th, 2019
considered and agreed that doctorate degrees (Honoris Causa)
for the 2018 academic year
be conferred upon

Honorary doctoral degree in Education:	Associate Professor Dr. Thisana Khaemanee
Honorary doctoral degree in Law:	Professor Dr. Surakiat Sathirathai
Honorary doctoral degree in Medicine:	Professor Usa Thisyakorn, M.D.
Honorary doctoral degree in Economics:	Dr. Ampon Kittiampon
Honorary Doctoral Degree in Arts:	Professor Dr. Ampha Otrakul
Honorary Doctoral Degree in Liberal Arts:	Professor Dr. Sergei Scherbov
Honorary Doctoral Degree in Liberal Arts:	Veterinarian, Professor Emeritus Dr. Annop Kunavongkrit
Honorary Doctoral Degree in Political Science:	Assistant Professor Amphon Namatra

**The Chulalongkorn University Council at its 828th meeting
held on June 27th, 2019
considered and agreed that the following
receive appointments as Professor Emeritus
for the 2018 academic year**

Faculty of Dentistry:	Professor Jintakorn Kuvattanasuchati
Faculty of Communication Arts:	Professor Metta Wiwattananukul
Faculty of Medicine:	Professor Dr. Kammant Phanthumchinda
Faculty of Political Science:	Professor Dr. Charat Suwannamala
Faculty of Science:	Professor Dr. Pattarapan Prassassarakich
Faculty of Arts:	Professor Dr. Chonlada Ruengraklikhit
Faculty of Arts:	Professor Dr. Suwanna Satha-anand
Faculty of Arts:	Professor Dr. Sirimonporn Suriyawongpaisal
Faculty of Arts:	Professor Dr. Pornsan Watanangura

Recipients of awards for outstanding research works in the Ratchadaphisek Sompot
(King's Jubilee) Fund for the year 2019

Awards for permanent staff members of Chulalongkorn University (Faculty and Researchers)

Yaowalak Panyasing (DVM, Ph.D.) et al

Department of Pathology, Faculty of Veterinary Science

“Working Toward a CSFV Oral Fluid Antibody ELISA: Defining Oral Fluid Antibody
(IgA, IgG) Kinetics Against Envelope Glycoproteins (E2, Erns)”

Associate Professor Dr. Kulaya Somboonwiwat et al

Department of Biochemistry, Faculty of Science

“Protein and Regulatory MicroRNAs in Shrimp Immunity Against Severe Pathogens”

Assistant Professor Thanapan Laiprakobsup

Department of Government, Faculty of Political Science

“Policy Network Advocacy in Rural Thailand: Case Studies of Agricultural and Community
Welfare Policies”

Associate Professor Dr. Puangthong Pwakapan

Department of International Relations, Faculty of Political Science

“Thai Foreign Relations in the Cold War Era”

Associate Professor Dr. Sasi Pongsarayuth

Department of Music, Faculty of Fine and Applied Arts

“The Innovative Notation of Pali Sound from the Phonetic Tipitaka (Saj-Sha-Ya Tepitaka)”

Dr. Songsak Madsalah

Department of Eastern Languages, Faculty of Arts

“*The Development of Roman Alphabets for Enhancing Arabic Pronunciation Skill of Thai
Learners*”

Doctoral Students

Dr. Julaluk Noiphung,

Department of Clinical Chemistry, Faculty of Allied Health Sciences

“*Development of Simple Devices for Point-of-Care Screening of Bacterial Infection and
Inflammatory Markers*”

Dr. Anchalee Prasansuklab,

College of Public Health Science

“*Mechanisms of Thai Medicinal Plant Extracts on the Attenuation of Glutamate-Mediated
Neurotoxicity*”

Dr. Wisarut Junprung,

Department of Chemical Biology Faculty of Science

“ Functional characterization of heat shock proteins during stress response in Pacific white shrimp *Penaeus vannamei* and brine shrimp *Artemia franciscana* ”

Dr. Panupong Mahalapbutr,

Department of Chemical Biology, Faculty of Science

“*Anticancer Activity of Mansonone G Derivatives Against Human NonSmall Cell Lung Cancer: Computational and Mechanistic Study*”

Dr. Sakda Jampasa,

Department of Chemistry, Faculty of Science

“*Electrochemical Sensors for Human Papillomavirus DNA,C-Reactive Protein and Food Colorants Detections*”

Dr. Sukanya Boonsri,

Department of Research and Educational Psychology Faculty of Education

“Development of multi-stage computerized adaptive testing for measuring multidimensional knowledge competency of vocational technical teachers”

Dr. Parinya Siriattakul,

Faculty of Psychology,

“*A Development of the Casual Relationship Model of Social Skills in Deaf Children with Theory of Mind as a Mediator*”

Dr. Sangsom Kor-Udomm,

Department of Sociology and Anthropology, Faculty of Political Science “From the perspective of “Russian Mafia” : an analysis of transnational organized crime in Thai social context”

Dr. Thidarat Tannirat,

Department of Educational Technology and Communications, Faculty of Education, for her dissertation entitled Development of an Instructional Model by Integrating Information Problem Solving, Scaffolding and Z to A Approach for Creative Product Development

Dr. Waraporn Cherdchoo,

Department of Thai Music, Faculty of Fine and Applied Arts

“A Musical Suite: Pin-Dukkhanirodhagaminipatipada”

Dr. Pasu ROUNGPANYAROJ,

Faculty of Fine and Applied Arts, for his dissertation entitled

“Innovative Kinetic Jewelry Design from Thai Cultural Capital”

Oathtaking by Chulalongkorn University Graduates At the Commencement Ceremony

**Oathtaking by Chulalongkorn University Graduates
At the Commencement Ceremony**

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

Graduates Paying Respects
At the Statue of Statues of the University's Founding Fathers
King Chulalongkorn and King Vajiravudh
Thursday October 3rd and Friday October 4th, 2019

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Once the graduation ceremony which takes place inside the Main Auditorium comes to an end the graduates will exit that venue and proceed to the lawn area in front of the two statues of King Chulalongkorn and King Vajiravudh.

They will use the southern route (facing the Faculty of Engineering) and the northern route (facing the Faculty of Fine and Applied Arts).

The President will light the ceremonial candles at the pedestal. Representatives of the graduates present floral offerings. (A recording of a poetic ode in praise of the two monarchs will be played at this point).

All graduates perform the gesture of respect in unison after which they shall sing the Maha Chulalongkorn anthem and the ceremony then comes to a close.