



## Announcement

### Faculty of Graduate Studies, Mahidol University

#### Subject: The Results of Distinguished Thesis Awards, Fiscal Year 2022

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The Faculty of Graduate Studies, Mahidol University has organized the Distinguished Thesis Award, Fiscal Year 2022 and has announced the list of researchers for the oral presentation.

The Thesis Committee currently selected the following graduates to receive the Distinguished Thesis Awards. The results of the award are as follows:

#### GROUP 1: BIOLOGICAL SCIENCES

##### DOCTORAL DEGREE LEVEL

##### One Distinguished Thesis Award

No	Student name/ Program/ Major Advisor	Thesis
FACULTY OF MEDICINE SIRIRAJ HOSPITAL		
1	Miss SIRATCHA PHANTHONG IMMUNOLOGY (INTERNATIONAL PROGRAM) Prof. Dr. WANPEN CHAICUMPA	HUMAN SINGLE-CHAIN ANTIBODY VARIABLE FRAGMENTS AGAINST VP4 PROTEIN OF ENTEROVIRUS-71

##### Two Outstanding Thesis Awards

No	Student name/ Program/ Major Advisor	Thesis
FACULTY OF MEDICINE SIRIRAJ HOSPITAL		
2	Miss THANICH SANGSUWANNUKUL IMMUNOLOGY (INTERNATIONAL PROGRAM) Prof. Dr. PA-THAI YENCHITSOMANUS	CHIMERIC ANTIGEN RECEPTOR T CELLS TARGETING CLUSTER OF DIFFERENTIATION 133 (CD133) FOR CHOLANGIOCARCINOMA
INSTITUTE OF MOLECULAR BIOSCIENCES		
3	Mr. OPAS CHOKSUPMANEE MOLECULAR GENETICS AND GENETIC ENGINEERING (INTERNATIONAL PROGRAM) Assoc. Prof. Dr. SARIN CHIMNARONK	DEVELOPMENT OF AN EXPERIMENTAL SYSTEM TO DECODE MIRNA

**MASTER'S DEGREE LEVEL****Two Outstanding Thesis Award**

No	Student name/ Program/ Major Advisor	Thesis
<b>FACULTY OF MEDICINE SIRIRAJ HOSPITAL</b>		
4	Mr. RATCHAPONG NETSRITHONG IMMUNOLOGY (INTERNATIONAL PROGRAM) Asst. Prof. Dr. METHICHIT WATTANAPANITCH	GENERATION OF PP65-SPECIFIC T LYMPHOCYTES FROM HUMAN INDUCED PLURIPOTENT STEM CELLS FOR VIRAL IMMUNOTHERAPY
<b>FACULTY OF SCIENCE</b>		
5	Miss NICHAKORN WORAKAJIT PHYSIOLOGY (INTERNATIONAL PROGRAM) Assoc. Prof. Dr. SUNHAPAS SOODVILAI	POTENTIAL THERAPEUTIC APPLICATION OF PURE COMPOUNDS ISOLATED FROM BOESENBERGIA ROTUNDA FOR TREATMENT OF COLISTIN-INDUCED NEPHROTOXICITY

**GROUP 2: PHYSICAL SCIENCES AND TECHNOLOGY****DOCTORAL DEGREE LEVEL****One Distinguished Thesis Award**

No	Student name/ Program/ Major Advisor	Thesis
<b>FACULTY OF SCIENCE</b>		
6	Miss THITAPORN SONSA-ARD CHEMISTRY (INTERNATIONAL PROGRAM) Assoc. Prof. Dr. DUANGJAI NACAPRICHA	PAPER-BASED ANALYTICAL DEVICES UTILIZING CONTACTLESS CONDUCTIVITY AND REACTION-BAND LENGTH MEASUREMENT AND DEVELOPMENT OF CARBON-BASED WEARABLE SENSORS

**MASTER'S DEGREE LEVEL****One Distinguished Thesis Award**

No	Student name/ Program/ Major Advisor	Thesis
<b>FACULTY OF SCIENCE</b>		
7	Miss NUTNAREE FUKANA CHEMISTRY (INTERNATIONAL PROGRAM) Assoc. Prof. Dr. DUANGJAI NACAPRICHA	CONTACTLESS CONDUCTIVITY SENSOR AS NOVEL DETECTOR FOR MICROFLUIDIC PAPER-BASED ANALYTICAL DEVICES

### Two Outstanding Thesis Award

No	Student name/ Program/ Major Advisor	Thesis
<b>FACULTY OF SCIENCE</b>		
8	Mr. THINNAPONG WONGPAKDEE CHEMISTRY (INTERNATIONAL PROGRAM) Assoc. Prof. Dr. DUANGJAI NACAPRICH	DEVELOPMENT OF METHODS FOR ESTIMATING FIRING DISTANCE FROM GUNSHOT RESIDUES ON FABRIC TARGETS
<b>FACULTY OF ENGINEERING</b>		
9	Miss MUNSUREE KALONG CHEMICAL ENGINEERING Asst. Prof. Dr. ATTHAPON SRIFA	DEVELOPMENT OF NANOSTRUCTURED CATALYSTS FOR CONVERSION OF BIOMASS-DERIVED FURFURAL INTO FURFURYL ALCOHOL AND 2-METHYLFURAN FOR BIOREFINERY INDUSTRY APPLICATIONS

### GROUP 3: APPLIED HEALTH SCIENCES

#### DOCTORAL DEGREE LEVEL

#### One Distinguished Thesis Award

No	Student name/ Program/ Major Advisor	Thesis
<b>FACULTY OF MEDICINE RAMATHIBODI HOSPITAL</b>		
10	Mr. KORAWIT KANJANA CLINICAL PATHOLOGY Asst. Prof. Dr. PUTTHAPOOM LUMJIAKTASE	THE EFFECT OF ANTI-RHEUMATIC DRUGS TAPERING ON REGULATORY T CELLS IN REMISSION STATE RHEUMATOID ARTHRITIS

### Two Outstanding Thesis Award

No	Student name/ Program/ Major Advisor	Thesis
<b>FACULTY OF ENGINEERING</b>		
11	CDR SORAYOUTH CHUMNANVEJ BIOMEDICAL ENGINEERING (INTERNATIONAL PROGRAM) Assoc. Prof. Dr. JACKRIT SUTHAKORN	ROBOT ASSISTED ENDONASAL ENDOSCOPIC TRANSSPHENOIDAL SURGERY: THE DEVELOPMENT OF ROBOTIC PROTOTYPE

No	Student name/ Program/ Major Advisor	Thesis
	FACULTY OF PHARMACY, FACULTY OF MEDICINE RAMATHIBODI HOSPITAL, FACULTY OF MEDICINE SIRIRAJ HOSPITAL, FACULTY OF PUBLIC HEALTH, FACULTY OF SOCIAL SCIENCES AND HUMANITIES, INSTITUTE FOR POPULATION AND SOCIAL RESEARCH AND FACULTY OF GRADUATE STUDIES	
12	Mr. PHUNG LAM TOI HEALTH TECHNOLOGY ASSESSMENT (INTERNATIONAL PROGRAM) Assoc. Prof. Dr. USA CHAIKLEDKAEW	ECONOMIC EVALUATION OF SCREENING FOR TYPE 2 DIABETES MELLITUS IN VIETNAM

#### MASTER'S DEGREE LEVEL

##### One Outstanding Thesis Award

No	Student name/ Program/ Major Advisor	Thesis
	FACULTY OF PHARMACY	
13	Mr. FULGENCE NIYIBITEGEKA SOCIAL, ECONOMIC AND ADMINISTRATIVE PHARMACY (INTERNATIONAL PROGRAM) Assoc. Prof. Dr. ARTHORN RIEWPAIBOON	ECONOMIC ANALYSIS OF ROTAVIRUS VACCINATION PROGRAM IN BURUNDI

#### GROUP 4 HUMANITIES, SOCIAL SCIENCES, EDUCATION AND LIBERAL ARTS

#### DOCTORAL DEGREE LEVEL

##### One Outstanding Thesis Award

No	Student name/ Program/ Major Advisor	Thesis
	INSTITUTE FOR INNOVATIVE LEARNING	
14	Mr. SANTHANAT PUNYASETTRO SCIENCE AND TECHNOLOGY EDUCATION (INTERNATIONAL PROGRAM) Asst. Prof. Dr. PRATCHAYAPONG YASRI	THE INTEGRATION OF COMPUTATIONAL THINKING TO DEVELOP AUGMENTED REALITY AND CARD GAME ACTIVITIES TO ENHANCE STUDENTS' UNDERSTANDING OF CHORDATE PHYLOGENY AND SELF- EFFICACY TO LEARN ANIMAL TAXONOMY

## MASTER'S DEGREE LEVEL

### One Distinguished Thesis Award

No	Student name/ Program/ Major Advisor	Thesis
INSTITUTE FOR POPULATION AND SOCIAL RESEARCH		
15	Miss PAKKANAN ANGKAB POPULATION AND SOCIAL RESEARCH Prof. Dr. SUREEPORN PUNPUING	THE INTERGENERATION HOUSEHOLD CAPITAL ACCUMULATION AMONG THE INTERNATIONAL MIGRANT RETURNEES

### One Outstanding Thesis Awards

No	Student name/ Program/ Major Advisor	Thesis
FACULTY OF ENGINEERING		
16	Miss CHO ZIN WIN ENVIRONMENTAL AND WATER RESOURCES ENGINEERING (INTERNATIONAL PROGRAM) Assoc. Prof. Dr. TRAKARN PRAPASONGSA	SUSTAINABILITY ASSESSMENT OF WATER, SANITATION, AND HYGIENE (WASH) PROJECTS IN MYANMAR

### Awards

Awards	Awardees	Major Advisor
Distinguished Thesis Award Doctoral degree level / disciplinary group	25,000 Baht and a certificate	25,000 Baht and a certificate
Distinguished Thesis Award Master's degree level /disciplinary group	15,000 Baht and a certificate	15,000 Baht and a certificate
Outstanding Thesis Award Doctoral degree level / disciplinary group	12,500 Baht and a certificate	12,500 Baht and a certificate
Outstanding Thesis Award Master's degree level / disciplinary group	7,500 Baht and a certificate	7,500 Baht and a certificate

### Awarding

All awardees are advised to directly contact the Student Affairs Section, Faculty of Graduate Studies, Mahidol University, Salaya Campus, to claim the prize.

Date of Announcement: July 11,2565



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(Professor Patcharee Lertrit, M.D., Ph.D.)

Dean, Faculty of Graduate Studies