Medical Information

The Vejdusit Foundation’s Scholarship - promoting research and development in medicine, nursing, and public health

The Vejdusit Foundation, under the Royal patronage of H.R.H. Princess Kalayaniwatana Kromluangnaradhiwasrajnagarindra, is delighted to offer THB 1,000,000 (one million Baht) for 10 scholarships, for medical research, which can be applied in the field of public health by nurses or doctors. The program’s main objective is to promote medical research and magnify the research outcomes, in order to increase the knowledge of doctors and nurses and disseminate this knowledge for the benefit of public health, within the Kingdom of Thailand.

Interested candidates may submit their research proposals by hand or post to:

The Vejdusit Foundation
2. Soi Soonvijai 7, New Petchburi Road,
Huay Khwang, Bangkapi,
Bangkok 10310.

Objectives:

• To promote valuable and salutary medical research and magnify the development outcomes of such research and utilize its benefits toward the medical, nursing, and public health.
• To offer good opportunities for Thai physicians, nurses and other medical staff in order to build a worldwide reputation with their research.
• To relieve the burden on the government sector, with regard to budget allocation for research and development.

Scholarship Quota:

• Not more than 10 scholarships, under the limited budget of 1 million Baht.

Scholarship’s Requirement:

• The researcher is required to submit the research proposal and appropriate documentation as herein detailed.

Research Criteria:

• The study should be an innovative research topic in the field of medicine which may include nursing or public health issues.
• The study should conform to medical theory and ethics.
• The results of the study should generate public benefit and value.
• In case the research topic had previously been investigated, the researcher should clarify the reason for the repetition of, or the contiguity of the proposed research to the prior study.

Applicant’s Qualification:

• The scholarship is open only to Thai physicians, Thai nurses, or other Thai medical professionals.
• There is no limitation of gender and age.
• The applicant(s) may apply individually or collectively.

Research Duration:

• Each project should be completed within one year.

Registration Time Frame:

• Application submission: 1st September 2011 to 15th December 2011.
• Result announcement: 15th January 2012.
• Granting of the scholarship: 15th February 2012.
Guidelines for submission of Research Proposal:
Research Proposal should contain the following:

1. Name of the study in both Thai and English
2. Name and surname of the project leader, and his/her qualifications, affiliations, contract address, telephone and facsimile number(s), email. (In case of collective research, the researchers need to provide all contact details, as aforementioned, for all members).
   - Researchers should also provide their curriculum vitae, and 5 examples of their latest research (if any).
3. The principle of the study.
4. The objectives of the study.
5. Research methodology.
6. Project duration.
8. Research location or plan for data collection.
9. Necessary Equipment & instruments to be used in the study.
10. Budgeting plan, classified into groups.
11. The expected outcome or the value of the study.
12. Research reference(s).
13. Other explanations (if any)
14. The signature of the project leader including the certified letter from their supervisor, and signature of all co-researchers.
15. In case the research is studying on human, the informed consent forms of the volunteers or patients who join the study is required.

Previous Scholarship Winners:

*Project Study in 2011*

<table>
<thead>
<tr>
<th>Project Study</th>
<th>Researcher</th>
</tr>
</thead>
</table>
| 1] Prevalence survey, health risk behavior of helminthic infections and implement the control of parasites to school children by their creation and participation at Hui-Tom school, Li District, Lumphun Province Thailand. | Teera Kusolsuk, MD  
Department of Helminthology, Mahidol University, Bangkok, Thailand. |
| 2] A descriptive study of Streptococcus pneumoniae, Haemophilus influenzae and Moraxella catarrhalis. | Somporn Srisuengfung, PhD  
Department of Microbiology, Siriraj Hospital, Bangkok, Thailand. |
| 3] Development of Exercise Model Using Wand Stick with Modified Nan Mong Serng Dance for Older Adults. | Kattika Thanakwang, PhD  
Nursing Unit, Pua Crown Prince Hospital, Nan, Thailand. |
| 4] Effect of Torvoside on cholesterol synthesis in “HepG2 cells.”           | Anong Kitjareontharm  
Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand. |
| 5] Cervical cancer prevention by HPV vaccination: Predictor of vaccine acceptability among young adult woman in upper Northern Thailand. | Dr. Phanida Juntasopeepun, PhD  
Faculty of Nursing, Chiang Mai University, Chiang Mai, Thailand. |
| 6] Detection and characterization of genes encoding beta-lactamase in final effluents of a hospital wastewater treatment plant. | Pornphan Diraphat, PhD  
Department of Microbiology, Mahidol University, Bangkok, Thailand. |
| 7] Effects of Acute Ethanol Exposure on K+Current of Human Coronary Artery Endothelial Cells. | Wattana Watanapa, MD, PhD  
Department of Physiology, Mahidol University, Bangkok, Thailand. |
| 8] Effects of sFlt-Ion Potassium Channels of Human Umbilical vein Endothelial cells. | Wattana Watanapa, MD, PhD  
Department of Physiology, Mahidol University, Bangkok, Thailand. |
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**Project Study in 2010**

<table>
<thead>
<tr>
<th>Project</th>
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</tr>
</thead>
</table>
| 1] The study of the immunostimulation on Purified Vero-Cell Rabies Vaccine (PVRV) by administering 4-site intraderma method at 0.1 ml per intradermal injection site (one time) to the volunteers who had ever applied pre-exposure vaccine regimen (intradermal dose, 0.1 ml, one time) 8 years ago. | Pakamatz Khawplod, PhD  
Somchai Tangsupachai, MD  
Pongpisana Sritammanusarn  
Atikaya Sawangwaree  
Queen Saovabha Memmorial Institute,  
The Thai Red Cross Society,  
Bangkok, Thailand. |
| 2] Phase I-II clinical trial of therapeutic angiogenesis for diffuse coronary artery disease by sustained release of basic fibroblast growth factor gelatin hydrogel. | Permyos Ruengsakulrach, MD, PhD  
Masashi Komeda, MD, PhD  
Yasuhiko Tabata, PhD  
Masaya Tabata, PhD  
Bangkok Heart Hospital,  
Bangkok, Thailand. |
| 3] The comparative study between radial artery graft and internal artery graft on coronary artery bypass surgery (CABG). | Permyos Ruengsakulrach, MD, PhD  
Vibul Jotisakulratana, MD  
Chockchai Suwankitborihan, MD  
Pivapan Pamornsing, MD  
Chayanin Vatcharasittham, MD  
Montip Tiensawan, PhD  
Bangkok Heart Hospital,  
Bangkok, Thailand. |
| 4] Effects of the smoking cessation program on smoking cessation behavior in patients admitted to hospital for open heart surgery. | Pannee Kaewduang  
Sucheela Ungtrakul  
Sasikorn Pinjaisai  
Tadsanewan Gantagad  
Central Chest Institute of Thailand,  
Bangkok, Thailand. |
| 5] The role of cytokine signaling (SOCS) in the immunopathogenesis of Dengue Hemorrhagic Fever. | Natthanej Laplertlop, MD  
Pannamas Maneekan  
Soontri Saengmukdanum  
Faculty of Tropical Medicine,  
Mahidol University, Bangkok, Thailand. |
| 6] Exploring Transcriptional factor-Nuclear factor kappa B (NF-KB) as a prognostic factor in developing acute renal failure in Plasmodium falciparum patients. | Parnpen Viriyavejakul, MD, PhD  
Urai Chaisri, PhD  
Chuchard Pimsawad  
Faculty of Tropical Medicine,  
Mahidol University,  
Bangkok, Thailand. |
### Project Study in 2009

<table>
<thead>
<tr>
<th>Project</th>
<th>Researcher</th>
</tr>
</thead>
</table>
| 1] Serial ultrasonography for Early Detection of Plasma Leakage in Dengue Hemorrhagic Fever. | *Kanokwan Sriraksa, MD*  
Pediatric Unit,  
Khon Kaen Hospital,  
Khon Kaen, Thailand. |
| 2] A Cohort of breastfeed preterm infants to evaluate for iron deficiency anemia and growth. | *Sopapan Ngerncham, MD, PhD*  
Department of Pediatric,  
Faculty of Medicine Siriraj Hospital,  
Mahidol University, Bangkok, Thailand. |
| 3] A study of using family counseling program adaptation of schizophrenic patients. Amphawa district, Samutsongkram province. | *Siripan Puangkaew*  
Bang Chang Health Station,  
Samutsongkram, Thailand. |
| 4] Effect of pre-germinated brown brown rice extracts with enhanced levels of GABA on anti-apoptotic activity in neuronal cell culture. | *Rungtip Soiampornkul, PhD*  
Department of Biochemistry,  
Siriraj Hospital, Mahidol University, Thailand. |
Burriram Public Health Office,  
Burriram, Thailand. |
| 6] Factors Influencing mental health and behavior problems of adolescents who have lived under unrested situation in three border provinces in southern Thailand. | *Muslin Tohkani*  
Faculty of Nursing,  
Princess of Naradhiwas University,  
Naradhiwas, Thailand. |
| 7] The development of the community cooperation for health promotion in piscatorial community. | *Chutarat Sathirapanya, MD*  
Health and Sports Science,  
Thaksin University, Songkla, Thailand. |
| 8] Nursing ethic committee: Opinion of nurse administrators and staff nurses in university hospital-college of medicine. | *Kosoom Mookhajornphan*  
Department of Nursing,  
Songklanagarind Hospital, Songkla, Thailand. |
| 9] Detection and identification of Mycobacterium tuberculosis and non Mycobacterium tuberculous Mycobacteria by polymerase chain reaction-restriction enzyme analysis. | *Sirilak Teerapaton*  
Faculty of Allied Health Sciences,  
Naresuan University,  
Phitsanulok, Thailand. |
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**Project Study in 2008**

<table>
<thead>
<tr>
<th>Project</th>
<th>Researcher</th>
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</thead>
</table>
| 1] Prevalence of coronary artery calcium on hemodialysis and Sodium Thiosulfate Therapy patient. | Sinee Disthabanchong, MD, PhD  
Division of Kidney,  
Ramathibodi Hospital,  
Mahidol University, Bangkok, Thailand. |
| 2] The study of cancerous neoplasm on osteosacroma for indicating the biomarker. | Suradej Hongeng, MD, PhD  
Ramathibodi Hospital,  
Mahidol University, Bangkok, Thailand. |
| 3] Development of a strip test for the detection of rabies virus.       | Songsri Kasempimolporn, PhD  
Division of Research & Development,  
Queen Saovabha Memmorial Institute,  
The Thai Red Cross Society,  
Bangkok, Thailand. |
| 4] Development of Thalassemia diagnosis by Melt Curve.                  | M.L. Saovaros Svasti, PhD  
Institute of Science and Technology for Research and Development,  
Mahidol University, Bangkok, Thailand. |
| 5] School Violence Problem among adolescents in Bangkok Metropolitan.   | Rooja Phuphabool, PhD  
Department of Nursing,  
Faculty of Medicine, Ramathibodi Hospital,  
Mahidol University, Bangkok, Thailand. |

**Project Study in 2007**

<table>
<thead>
<tr>
<th>Project</th>
<th>Researcher</th>
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</thead>
</table>
| 1] Who benefits from the roll out of national antiretroviral therapy program in Thailand? | Thammason Piriyasupong, MD  
Khon Kaen Hospital,  
Khon Kaen, Thailand. |
| 2] Diagnostic performance of Squat test for mensical injured detection compare to arthroscopic examination in knee injured patients. | Pakorn Narakol, MD  
Khon Kaen Hospital,  
Khon Kaen, Thailand. |
| 3] The method of tracking and evaluating the child nutrition in the community: The benefits of child growth charts. | Penpak Sornchai, MD  
Nakornping Hospital,  
Chiengmai, Thailand. |
| 4] The involvement of collagen-binding integrin on MMP-2 activation mechanism in type I collagen stimulation in. | Kulrut Borrirakwanit  
Phetchabun Hospital,  
Phetchabun, Thailand. |
### Project Study in 2005-2006

<table>
<thead>
<tr>
<th>Project</th>
<th>Researcher</th>
</tr>
</thead>
</table>
| 1] Relationship between the level of omega-3 fatty acids in cardiac tissues and the cardiac mortality in Thai cadavers. | Nipon Chattipakorn, MD, PhD  
Chiangmai University,  
Chiangmai, Thailand.                        |
| 2] Proteomic analysis of Altered Proteins in Distal Renal Tubular Cells during Potassium Depletion: Implication to Hypokalemic Nephropathy. | Visit Thongbonkerd, MD  
Mahidol University,  
Bangkok, Thailand.                |
| 3] Association between genetic polymorphism of b-cell differentiation and Insulin sensitivity and ß-cell dysfunction in childhood acute lymphoblastic leukemia. | Suradej Hongeng, MD, PhD  
Ramathibodi Hospital,  
Bangkok, Thailand.                        |
| 4] Antimicrobial susceptibility of streptococcus pneumonia and preliminary epidemiological study by penicillin binding protein genotyping. | Somporn Srifuengfung, PhD  
Mahidol University,  
Bangkok, Thailand.                        |

### Project Study in 2004

<table>
<thead>
<tr>
<th>Project</th>
<th>Researcher</th>
</tr>
</thead>
</table>
| 1] Study the membrane protein antigen of Leptospira that react with patient serum of Leptospirosis. | Thareerat Kalambaheti, PhD  
Faculty of Tropical Medicine,  
Mahidol University, Bangkok, Thailand. |
| 2] The prognosis on the Hepatocellular carcinoma by measuring the vascular endothelial growth factor (VEGF) in the serum of patients who had been applied Transcatheter arterial chemoembolization (TACE) treatment. | Kawin Keekawat, MD  
Rajavithi Hospital,  
Bangkok, Thailand.                           |
| 3] Correlation between the complete blood countogram, fibrinogen and D-dimer with the clinical severity of dengue infection in Thai children. | Panya Seksarn, PhD  
Chulalongkorn University,  
Bangkok, Thailand.                        |
R&D Department,  
Queen Saovabha Memmorial Institute,  
Thai Red Cross, Bangkok, Thailand. |
| 5] Development of Specific immunoassay for diagnosis and follow up of lymphatic filariasis. | Surang Nuchprayoon, MD, PhD  
Chulalongkorn University, Bangkok, Thailand. |
| 6] Value of the abdominal ultrasound screening in check-up program. | Kaewalin Runngsinpron, MD  
Bangkok Hospital, Bangkok, Thailand. |
| 7] Comparative Study of Direct-Measured and Calculated LDL in Clinical Use. | Surachai Roongtanapirom, MD  
Bangkok Hospital, Bangkok, Thailand. |
| 8] Improve catheter related bloodstream infection in Bangkok Hospital. | Paithoon Boomna, MD  
Bangkok Hospital, Bangkok, Thailand. |
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### Project Study in 2003

<table>
<thead>
<tr>
<th>Project</th>
<th>Researcher</th>
</tr>
</thead>
<tbody>
<tr>
<td>1] The evaluation of obstructive sleep apnea therapy</td>
<td><em>Somsak Wankijcharoen, MD</em> &lt;br&gt;Bangkok Hospital, Bangkok, Thailand.</td>
</tr>
<tr>
<td>2] The determination of Photon-Electron radiation exposure of the skin cancer on the head.</td>
<td><em>Chawalit Lertbutsayanukul, MD</em> &lt;br&gt;Chulalongkorn University, Bangkok, Thailand.</td>
</tr>
<tr>
<td>3] The study of antibody of the angiostrongylus cantonensis in the serum by Dot-blot ELISA method on the eosinophilic meningoencephalitis patients.</td>
<td><em>Kanchana Tomanakan</em> &lt;br&gt;Khon Kaen Hospital, Khon Kaen, Thailand.</td>
</tr>
<tr>
<td>4] The study of antioxidant activities in Thai traditional herbals.</td>
<td><em>Klai-Upsorn Pongrapeeporn, PhD</em> &lt;br&gt;Mahidol University, Bangkok, Thailand.</td>
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### Project Study in 2002

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<tr>
<th>Project</th>
<th>Researcher</th>
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<tbody>
<tr>
<td>2] The study of cardiac function in healthy newborns and Hydrops Fetalis.</td>
<td><em>Vachara Jamjureeruk, MD</em> &lt;br&gt;Bangkok Hospital, Bangkok, Thailand.</td>
</tr>
<tr>
<td>3] The role of the antioxidant therapy in the treatment of oxidative stress on the thalassemia patient who has contributed iron overload from blood transfusion.</td>
<td><em>Piyaaratana Tosukhowong, PhD</em> &lt;br&gt;Chulalongkorn University, Bangkok, Thailand.</td>
</tr>
<tr>
<td>4] The effects of human immune response on the different rabies vaccination programs.</td>
<td><em>Pakamatz Khawplod, PhD</em> &lt;br&gt;Queen Saovabha Memorial Institute, Thai Red Cross, Bangkok, Thailand.</td>
</tr>
</tbody>
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