

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category**

**School of Design and Environment**

Benjamin Chua Kai Quan



**Project Title**

A Comparative Study of Work-Life Balance on Generation Y Construction Professionals in Singapore and South Korea

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**Yong Loo Lin School of Medicine**

Tey Min Li



**Project Title**

Reshaping and customization of SMILE-derived biological lenticules for intrastromal implantation

Lim Jianyang, Edward



**Project Title**

Antimicrobial Contact Lenses: Crosslinked Quaternary Organosilane and Gelatin Films

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**Alice Lee Centre for Nursing Studies**

Julienne Mae A Reblora



**Project Title**

Exploring the experiences of triage nurses in the primary healthcare setting: a focused ethnographic study

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**Faculty of Law**

Samuel Lim Tien Sern



**Project Title**

What is a Dramatic Work?

Ching Yu Jin Bryan



**Project Title**

Retaining the Catnic/Improver Approach in Patent Law: Why Singapore Should Not Adopt the Doctrine of Equivalents

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**Faculty of Law**

Sng Kiat Peng



**Project Title**

The Deputyship Regime under the Mental Capacity Act in Singapore: An Introduction

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**School of Computing**

Oh Shunhao



**Project Title**

Online Reallocation for Resource Allocation

Wang Riwu



**Project Title**

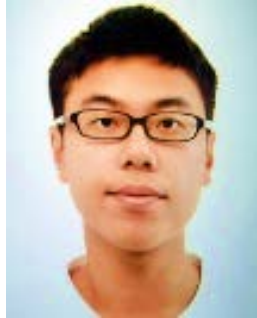
The development of a smartphone app: SLIONS Karaoke

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**School of Computing**

Tean Zheng Yang



**Project Title**

Cloud Computing System Design and Implementation

Han Liang Wee, Eric



**Project Title**

Feature Subset Selection using Reinforcement Learning

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**Faculty of Arts and Social Sciences**

Boey Kai En Amelia



**Project Title**

Assessing the Wisconsin Card Sorting Task as a tool to detect pain malingering

Chang Xue Qi



**Project Title**

"Jiak Ba Buay?" (Have You Eaten?): Effectiveness of the Use of the Chinese Language and Dialects in Singapore's Public Policy Communication



**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**Faculty of Arts and Social Sciences**

Goh Tiong Ann



**Project Title**

Heavy Metal Contamination of Community Gardens in Singapore

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**Faculty of Engineering**

Heng Chun Hao Ronald



**Project Title**

Development of Internet-of-Things Enabled Medical Wearables and Systems in the Hospitals

K L Shiv Shankar



**Project Title**

Modifying a motorcycle engine to execute closed loop gear shifting

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**Faculty of Engineering**

Kelvin Kang



**Project Title**

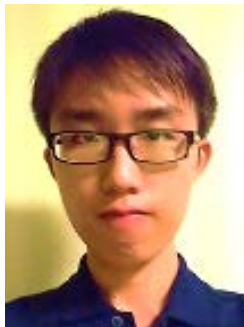
Design and Implementation of Autonomous UAV for use in Rural Medical Cargo Delivery

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**Faculty of Science**

Shawn Ng Voon Hwee



**Project Title**

Practical Kinetic Resolution of Biaryl Amino Alcohols via Atroposelective N-alkylation  
Catalysed by a Commercial Chiral Amine

Lee Jia Qi



**Project Title**

Human ESCs-derived neurons as a model to study FEZ1 expression in human brain  
development

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**Faculty of Science**

Nicole Ann Gunn Li Lin



**Project Title**

A Novel Method To Engineer Immune Cells To Secrete A Functional Soluble T-Cell Receptor-  
Immunoglobulin G Fusion Protein

Chong Jin Jian



**Project Title**

Inhaled Protein Powders: Designing “Plug-And-Play” Powder Formulation Platforms for  
Proteins And Peptides

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Individual Category (cont'd)**

**School of Business**

Lua Wee Khoon Egan



**Project Title**

Impact of Daily Commuting on Work and Recovery

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Group Category**

**Faculty of Dentistry**

Alexander Mark  
Lee Lin Kai



Chung Changsun



Koh Pei Qin Klara



Ng Shi Qi Celeste



**Project Title**

In-vitro comparison of 3-Dimensional Accuracy of conventional impressions versus intraoral and extraoral digital impressions for Implant-Supported Full-Arch Fixed Dental Prostheses

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Group Category (cont'd)**

**Faculty of Engineering**

Cai Jiayi, Catherine



Cai Xinchun



Krishna  
Ramachandra



Seenivasan  
Lalithkumar



**Project Title**

Image Guided Minimally Invasive Robotic Surgery



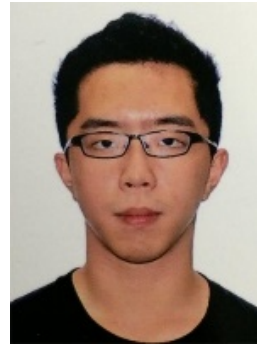
**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Group Category (cont'd)**

**School of Business**

Dominic Wong Ngiap Chuang

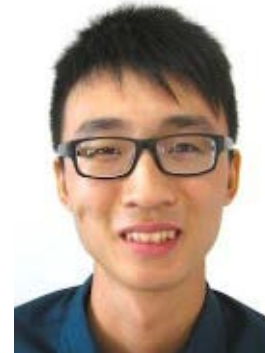
Lee Chang Cheng



Li Zitong

Rachel Lim Yuan Hui

Yeo Jing Wen



**Project Title**

Schroders - Harvesting Factor Premia for Improving Investment Outcomes

**WINNERS OF  
OUTSTANDING UNDERGRADUATE RESEARCHER PRIZE  
AY2017/2018**

**Group Category (cont'd)**

**Yong Loo Lin School of Medicine**

Tan Jian Wei



Kenneth Leong Bao Ren



Yuan Jing



Nguyen Van Hoang  
(School of Computing)



Wu Zefeng  
(School of Computing)



**Project Title**

Development of a novel artificial neural network for accurate diagnosis of acute medical conditions, rapid triaging, and right-siting based on patient-reported symptoms