

## The 5<sup>th</sup> Epsilon Fund Award to Top Math Students

The Epsilon Fund Award was established in 2006 with donations from faculty and staff at the Department of Mathematics to honor mathematics students, including undergraduates, postgraduates and post-doctoral researchers who excel in mathematical scholarship and research. Thirty students have been recipients of the Epsilon Award, and this year the Department is pleased to offer the award to another five students. Each of them has excelled in mathematics, accumulated high grade averages and several have received multiple graduate program offers from prestigious universities.

### **The five Mathematics students receiving the Epsilon Fund Award:**

#### **Two postgraduates:**

**1. Man Wai CHEUNG (Year 2; MPhil)**

張汶慧

二年級哲學碩士(數學)研究生

Man Wai CHEUNG (Year 2; MPhil) is a year-two student pursuing the Master of Philosophy (Mathematics) Degree. Her research supervisor, Professor JS Huang, says, “Mandy's MPhil thesis is to understand the regular functions on nilpotent orbits of the complex exceptional Lie group  $G_2$  and to find irreducible unitary representations attached to these orbits. She has worked out the case for the model nilpotent orbit of  $G_2$ . It is hoped that this will be a step towards understanding the quantization of nilpotent orbits for all exceptional complex Lie groups.” She has done excellently in her research, and she will finish it this semester. Next fall she will pursue her PhD at the University of California, San Diego.



## 2. Ho Chung SIU (Year 2; MPhil)

蕭浩翀

二年級哲學碩士(數學)研究生



Ho Chung SIU (year 2; MPhil) first came to the Department as an Early Admission Scheme (EAS) student in 2005. He selected the Pure Mathematics-Advanced Stream program and graduated in 2008 with first class honors. Ho Chung then enrolled in the Department's MPhil program to continue his studies. His academic results have been outstanding. His research supervisor, Professor YC Zhu, says, “Ho Chung always thinks about problems conceptually and tries to understand mathematics from a global point of view. Recently he has started to do research in algebra. He is a very talented student and he works hard. He is very well prepared to pursue further study in mathematics”. Ho Chung has been awarded several academic scholarships: the Sir Edward Youde Memorial Scholarship, the So Hok Scholarship and the University Scholarship. He received PhD program offers from Stanford University and University of California, Los Angeles and has selected Stanford.

## Three undergraduates:

### 3. Penghui LI (Year 2; PM-AS)

李鵬輝

二年級理學士(數學)- 純粹數學高級班本科生



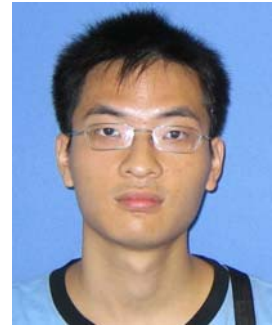
Penghui LI (year 2; PM-AS) is a talented student who came to HKUST as a year-zero student recruited from mainland China. He is currently enrolled in our Pure Mathematics-Advanced Stream program. He has done extremely well in both undergraduate and graduate courses and gained the attention of Mathematics Department faculty who consider him an exceptional student, who can master both concepts and techniques. Although only a second-year student, Li has taken more than five graduate courses. He has demonstrated a strong drive to learn mathematics.

**4. Teng SUN (Year 3; MAEC)**

孫騰

三年級數學(數學與經濟)理學士本科生

Teng SUN (Year 3; MAEC) is a year-three student pursuing a Bachelor of Sciences Degree in the Mathematics and Economics Program. Professor KY Kwok says “Sun took up the challenge to enroll into postgraduate courses in Mathematics, Economics and Finance in his early undergraduate years and has achieved high scores”. Sun has received scholarships from both the School of Science and the University. In his application for graduate study, Sun has received offers, with scholarship support, to several prestigious PhD programs in Economics, such as Stanford, Princeton, Minnesota, University of Pennsylvania and UC Berkeley.



**5. Lu WANG (Year 2; ST)**

王璐

二年級理學士(數學)-統計學本科生

Lu WANG (Year 2; ST) is currently a year-two student pursuing a Bachelor of Science (Mathematics) Degree in the Statistics Option. She is one of the top UG students in statistics option with excellent academic record. Wang Lu is a recipient of the University Scholarship this year. Next Fall she plans to spend an exchange semester at Northwestern University.



The Epsilon Fund Award Committee congratulates these awardees and also recognizes the following individuals for honorable mention:

**Fan Tianqi (Year 2; PM-AS)**

范天琪

二年級理學士(數學)- 純粹數學高級班本科生

- Tianqi's latest CGA is 11.01 of grade A
- She has been awarded the University Scholarship



recipient

**Wu Angela Anqi (Year 2; PM-AS)**

吳安琪

二年級理學士(數學)- 純粹數學高級班本科生

- Anqi's latest CGA is 11.04 of grade A
- She has been awarded of the University Scholarship, the So Hok Scholarship and the HKSAR Government Scholarship

