

DEPARTMENT OF MATHEMATICS

The 9th Epsilon Fund Award to Top Students

The Epsilon Fund Award was established in 2006 with donations from faculty and staff at the Department of Mathematics, or from the departmental fund to honor excellent students, including undergraduates, postgraduates and post-doctoral researchers who excel in mathematical scholarship and research. More than fifty students were awarded since its establishment. This year seven students get the award. Each of them possesses very high cumulative grade average, especially in mathematics subject, and some have received multiple graduate program offers from famous universities.

Seven Mathematics students receiving the Epsilon Fund Award

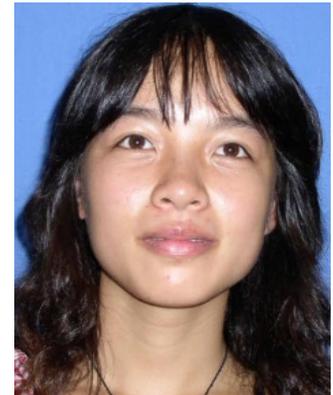
One postgraduate:

1. **Pingping ZENG (Year 4; PhD)**

曾萍萍

四年級哲學博士(數學)研究生

Pingping ZENG first came to the Department of Mathematics in 2010 pursuing the PhD study. Her research supervisor (Professor YK Kwok) said, “Pingping’s thesis research topics are related to the development of option pricing theory in financial mathematics, specifically on numerical and analytic pricing of exotic path dependent options under time-changed Levy processes and stochastic volatility. She has produced four research papers that have been submitted to leading journals in financial mathematics. Her first paper is related to pricing path dependent lookback type options under time-changed Levy processes using the Hilbert transform approach and it has been accepted for publication in SIAM Journal for Scientific Computing. Her other work has been accepted for oral presentation in the Bachelier Congress for Quantitative Finance in June 2014, the leading conference in the field of financial mathematics. She has been invited to present her research works in two leading European universities, University of Vienna and Munich Technological University, with travel and living expenses fully reimbursed by the host universities.”



Six undergraduates:

1. Chin Hei CHAN (Year 3; PM-AS)

陳展熙

三年級理學士(數學) - 純粹數學高級班本科生

Chin Hei CHAN entered HKUST in 2010 via the non-JUPAS Early Admission System. He completed the Bachelor of Sciences Degree in Mathematics in December 2013, half a year earlier than normally expected. Chin Hei enrolled in the Pure Mathematics Option (Advanced Stream). Professor KY Li said, “Chin Hei with GPA 3.83 is an excellent student. He obtained A+ grade in topology, differential geometry, complex analysis, ODE, PDE, number theory and probability. All the more impressive, he skipped 2 years of high school to get into our Math program, so he is much younger than our graduating class.” Chin Hei received the scholarships provided by the Scholarship Scheme for Continuing Undergraduates for the semesters from Fall 2011 up to Fall 2013. He was in the Dean’s List from Spring 2011 up to Fall 2013. Chin Hei will be joining our MPhil program at HKUST in the coming Fall.



2. Zili WANG (Year 3; PM)

王子麗

三年級理學士(數學) - 純粹數學本科生

Zili WANG is currently our third-year student pursuing the Bachelor of Science (Mathematics) Degree and enrolling in the Pure Mathematics Option. Professor KY Li said, “Zili with GPA 3.99 is an outstanding student in the PM option. She ranked number 1 in my MATH 2031 (Analysis) course with over 150 students and she is currently number 1 in my MATH 4063 (Functional Analysis) course, which is the hardest undergraduate course in analysis. She has more than one PhD program offers in Math from US universities with full support.” Zili was the recipient of scholarships offered under the Scholarship Scheme for Continuing UG Students, as well as the Joseph Lau Luen Hung Charitable Trust Scholarship. She will join the Brown University and will do a PhD in Mathematics there.



3. Minjie XU (Year 3; MAEC)

徐敏杰

三年級數學(數學與經濟)理學士本科生



Minjie XU is now our third-year student pursuing the Bachelor of Sciences Degree in Mathematics and Economics Program. He has an excellent GPA of 3.88 and has been on the Dean's List Award from 2010 Fall to 2013 Fall. He has been awarded numerous scholarships including the Mathematics Department Scholarship in 2010 Fall and the HKSAR Government Scholarship from 2011 Winter to 2014 Spring. Due to his academic excellence, Minjie has received PG offers from the Northwestern University, Boston University and University College London. He chooses to have PhD study in Northwestern University in coming fall. Minjie's other achievements include being the finalist of 2014 Mr Armin and Mrs Lillian Kitchell Undergraduate Research Award, and the 2nd Runner of 2012-2013 Hong Kong Joint University Mainland Student Soccer Cup (HKUST Mainland Student Soccer Team).

4. Yunze DENG (4Y; Year 2; MAEC)

鄧云澤

四年制:二年級數學(數學與經濟)理學士本科生



Yunze DENG is currently our 4Y second-year student pursuing the Mathematics and Economics program. He is the top UG student in this program with an excellent GPA of 4.167. He scores A or above in all the courses he has taken. Yunze is now the recipient of the HKSAR Government Scholarship. He is active in extracurricular activities. He is the former President of WILL HKUST, a student organization dedicated to enhancing cross-cultural interaction and community building on UST campus. His team consisted of 20 students from different cultural backgrounds, and their projects won the President's 1-HKUST Student Life Award for multiple times. Also, he previously interned at Accenture and was the leader of an intern research team

5. Yifeng HUANG (Year 2; PM-AS)

黃奕烽

二年級理學士(數學) - 純粹數學高級班本科生



Yifeng HUANG is currently our year-two student in Pure Mathematics Option (Advanced Stream). He is the top student in this option and has obtained an excellent GPA of 4.082. Prof. M Yan said, "I am particularly impressed with Yifeng's passion for mathematics. He came to my office and continuously talked about math for hours. He is always not satisfied with the material in the textbook, and is willing to explore more. I supervised one of his numerous UROP projects, in which he pushed the investigation to the furthest possible. His fellow classmates considered him as the undisputed best of his year. I would say his math talent is among the top 5 of all the students I have taught." Yifeng has been on the Dean's List from 2010 Fall to 2013 Fall. He receives the Cheng's Foundation Scholarship in 2011-2012 and 2012-2013. Yifeng's future plan is to go to US to pursue a PhD in MATH.

6. Siwei LI (Year 2; MAEC)

李思維

二年級數學(數學與經濟)理學士本科生



Siwei LI is also our second-year student pursuing the Mathematics and Economics program but she is in the 3Y study mode. With an excellent GPA of 4.098, Siwei is among the topmost students in this program. Professor LX Wu said, "Siwei took MATH 4511 Quantitative Methods for Fixed Income Security and was the best performing student. This is a difficult course to many students. Siwei showed a mastery of the subject way above the average and consistently delivered excellent course performance. "Siwei has been on the Dean's List every semester till now. She has been awarded numerous scholarships including the Mathematics Department Scholarship and the University Scholarship (2011-now); the School of Science Scholarship (2011-2012) and the HKSAR Government Scholarship (2012-now).