

# Meng Yuan (PhD)

## How I got here:

Being a mechanical engineer from HKU, I first approached Kelvin Yeung at medical faculty for PhD – surprisingly he recommended me to Rajan's lab since he had a collaborative project on that time. Then, I met Vera and Roy at Rajan's lab and both of them triggered me to continue my PhD here.

## What I did for PhD?

First, I started learning oyster shell structure and mechanical analysis from Vera and Roy, then I started working in a mechanical engineering lab of Haimin Yau of Polytechnic University to learn shell mechanical tests and modeling. Then, I got an opportunity (HKU\_Scotland Fellowship) to work with Maggie Cusack and Susan Fitzer of University of Glasgow on oyster shell analysis using EBSD. With all these knowledge and data, I completed my PhD. Immediately started publishing my PhD work – pleased to have 4 high quality publications from my PhD work. Then, I learned an art of grant proposal writing from Rajan – Yes, got our prestigious RGC-GRF grant to work on crystal orientation rotating proteins and also have hand an opportunity work with local oyster growers and government officers to secure over 10 million HKD grant for Rajan's lab through SFDF and Lee Kum Kee grants.

## What I am doing now?

Time for me to enjoy with my family, so back to Guangzhou to continue my post doc in a medical department. However, I am still linked with Rajan's lab through various collaborative projects.

## My contribution to the Lab: Rajan's view

Yuan – you are outstanding. Without you, it may not have been possible for our lab to keep going with our biomineralization work with all our brilliant collaborators in this area (like Maggie, Susan, Kaimin and Haimin), and you also brought new collaborators to our group (Maria and Miki) – Thanks a lot Yuan. You also helped our lab to keep going with good publications, especially when we were starving for publications. Keep enjoying with your family Yuan – you are so close to Hong Kong – just 45 min away by high speed train.

[yuanmeng.connect@gmail.com](mailto:yuanmeng.connect@gmail.com)



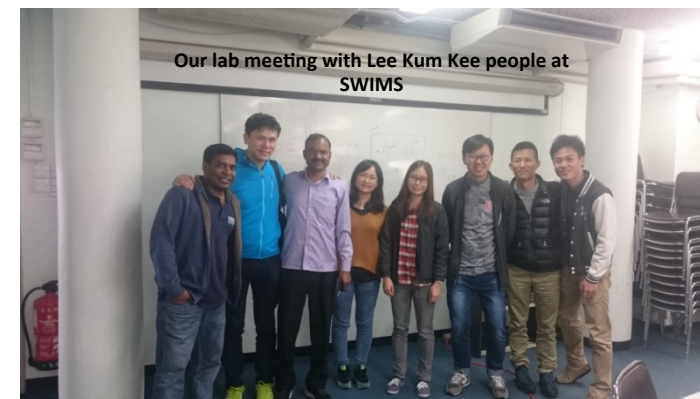
My journey with oysters



Visiting oyster farms and learning biomineralization from my senior lab met Vera



With my lab members and Aswani in ICMP conference held in Hong Kong



Our lab meeting with Lee Kum Kee people at SWIMS



Our lab members coffee with William Cheung in Hong Kong



In a lab's simple lunch party to celebrate Ginger's successful oral exam