



The Chinese University of Hong Kong

Department of Biomedical Engineering



Topic : **Career planning for STEM / Engineering Students**

Speaker : **Dr. Pui-Wah CHOI**

Ph.D. (Biochemistry)

Biomedical Consultant, SillyCube Technology Limited,

Founder in Residence, Entrepreneur First

Mr. Lawrence YEUNG

Founder of FANCY HAPPINESS

Date : 4 April 2019 (Thursday)

Time : 10:00 – 11:30 am

Venue : Room 606A, Ho Sin-Hang Engineering Building

Biography

Dr. Choi Pui-Wah developed her interest in research when she was a high school student. She joined research-based scientific competitions with the research topic 'Biodiesel'. The project focused on manufacturing biodiesel from household wasted oil and it was awarded the championship in both the Hong Kong Chemistry Olympiad and Hong Kong Student Science Project Competition. She then continued her research training at the Biochemistry department in CUHK. During her undergraduate study, she was selected and supported by the Biochemistry department to join an overseas summer research program. She spent her summer at Brigham and Women Hospital, Harvard Medical School studying ovarian cancer pathology. She completed her undergraduate study in 2009 and was admitted by the Ph.D program from the Biochemistry department, CUHK through an early admission scheme. During her Ph.D study, she followed Prof. Fong Wing Ping from CUHK and Prof. Alex Ng Shu Wing from Harvard Medical School to study the cyst formation process in the ovary and the pathways which are responsible for metastasis of ovarian cancer cells by utilizing 3D culture model. During her Ph.D study, she was awarded a "Global Scholarship Program for research excellent" grant supported by China National Offshore Oil Corporation to carry out research on exosome at Harvard Catalyst Laboratory for Innovative Translational Technologies where she developed great interest in identifying non-invasive cancer markers for cancer diagnosis. After graduating from Ph.D, she joined Ross Berkowitz's lab at GYN oncology, Brigham and Women's hospital as a postdoctoral research fellow. Her postdoctoral research projects focused on the role of a stem cell marker, CD24 in the pathogenesis of cancer derived from the fallopian tube and the potential of using microRNAs as non-invasive diagnostic and prognostic markers in ovarian cancer in both Asian and Caucasian. She also has special interest in the pathways controlled by a EMT marker, microRNA-200 for ovarian cancer development. After completing the postdoc training, she joined two biotech companies, Medtimes Medical Group and Arbele limited as research officer and senior scientist respectively for developing detection of mutations in cancer with cell-free DNA and immunotherapy for GI cancer. After gaining intensive start-up and commercialization trainings, she starts building her own deep-tech start-up company. She was awarded the 1st runner up at UIBE Bauhinia Valley Start-up Camp.

Mr. Lawrence Yeung is a young Hong Kong local entrepreneur who founded his first deep tech research startup company – Fancy Happiness Limited back in April 2015. The Company was accepted as an incubatee to the HKSTP's Incubation Incu-Tech program in December 2017. With Lawrence and his team's effort, Fancy Happiness Limited successfully evolved from its initial business scope of being a production service provider (i.e. offered design, development, R&D and production services for startups) to conducting its own R&D and production for several soon-to-go-live innovative while practical inventions. Aside from Fancy Happiness Limited, Lawrence also owns a workshop located in Kwun Tong, doing more R&D work. Prior to becoming an entrepreneur, Lawrence has extensive experience as an Electronic and Product Engineer in various industries, including but not limited to marine survey, intelligent home solutions, super computer production, etc. These experiences directed Lawrence on his professional beliefs and inspired him on many creative ideas useful for starting his own business. Lawrence possesses a Bachelor of Science degree in Electrical Engineering obtained from the University of California, San Diego.

*** ALL ARE WELCOME ***

For enquiries, please contact Ms. Joyce Chan, Department of Biomedical Engineering at 3943 8278