



# CHAPMAN UNIVERSITY SCHOOL OF PHARMACY (CUSP)

## News and Events

[chapman.edu/pharmacy](http://chapman.edu/pharmacy)

### **Hung Do is awarded a Graduate Student Scholarly/Creative grant**

Mr. Hung Do, a Master of Science in Pharmaceutical Sciences (MSPS) student, has been awarded a Graduate Student Scholarly/Creative grant from Chapman University for his project titled “Designing Stable Lipid Nanoparticles for Targeted Delivery of Small Interfering RNAs (siRNAs)”. Mr. Hung Do works with Dr. Hamid Montazeri Aliabadi and Dr. Keykavous Parang at Chapman University School of Pharmacy (CUSP).

This project aims to design a multicomponent nano-carrier for targeted delivery of nucleic acids to human cancer cells. These carriers will protect small double stranded RNAs from early degradation, prevent the distribution to healthy tissue, and actively find cancer cells to deliver their cargo. The RNAs will then interfere with protein synthesis to eliminate the proteins that are crucial for cancer cell survival, and therefore, eradicate the tumor.