More patients are living longer and developing chronic diseases, often managed with increasingly expensive technology. Both healthcare providers and hospital systems are struggling to keep up. Modern smartphones can be converted into powerful, inexpensive portable medical devices to improve the delivery of healthcare, particularly in low- and middle-income countries.

Professor Chang will talk about his experience in developing a simple adapter to turn an iPhone into an “Eye-Phone” Camera. Chang is an ophthalmologist with a special interest in healthcare startups and online medical education. His clinical research focus revolves around understanding the association between high myopia and glaucoma. He is currently co-developing “EyeGo,” an iPhone imaging adapter system for remote eye care triage.