

### Active Innovative Pilot Projects 2020-2021

Duke Faculty	Duke Department	Duke-NUS SingHealth Faculty	Singapore Program	Title
<b>Walter T. Lee. MD, M.H.S.</b> Associate Professor of Head and Neck Surgery and Communication Sciences	Head and Neck Surgery and Communication Sciences	<b>Tan Hiang Khoon, MBBS, FRCSEd, FAMS</b> Adjunct Associate Professor	Singapore General Hospital	Development of a Machine Learning Algorithm for Head and Neck Cancer Screening
<b>Marc Deshusses, Ph.D</b> Professor of Civil and Environmental Engineering	Civil and Environmental Engineering	<b>Gregory C. Gray MD, MPH, FIDSA</b> Professor Emerging Infectious Diseases Programme (EID)	Duke-NUS	Web Application for Rapid Quantitative Microbial Risk Assessments
<b>Daniel Buckland MD, PhD</b> Assistant Professor of Surgery	Surgery, Emergency Medicine, Mechanical Engineering and Materials Science	<b>Marcus Ong MBBS, MPH, PBM</b> Professor & Director Health Services & Systems Research Programme (HSSR)	Duke-NUS	Prediction of Emergency Department Outcomes Using Machine Learning Assisted Data Analytics