

2024 Health Science Summer Program for Youth at GRC

Time	Aug. 5	Aug. 6	Aug. 7	Aug. 8	Aug. 9
9:00 – 12:30	<p>Check-in</p> <p>Program Introduction GRC: Prof. Chih-Hao Lee HSPH: Prof. Liming Liang</p> <p>Health Science Theme Icebreaker Games</p>	<p>Courses II</p> <ul style="list-style-type: none"> • Topic 4 Using human induced pluripotent stem cells as a model for investigating endothelial cell vulnerabilities • Topic 5 Interplay between public health studies and disease treatment • Topic 6 Using biostatistics to decode health disparity in genetic research <p>Panel Discussion</p>	<p>Career Development Discussion with Students</p> <p>Prof. Liming Liang How to ask research questions</p> <p>Research Project Hackathon Prep. II Talk: How to present for research conference</p>	<p>Research Project Hackathon Prep. III</p> <ul style="list-style-type: none"> • Research Idea Generation & Consolidation 	<p>Research Project Hackathon Prep. V</p> <ul style="list-style-type: none"> • Presentation Preparation
12:30 -13:30	Lunch Break				
13:30 -17:00	<p>Courses I</p> <ul style="list-style-type: none"> • Topic 1 Researching the world's deadliest infectious disease: tuberculosis • Topic 2 Biological science in environmental health • Topic 3 Malaria: ancient enemy, new threats. <p>Panel Discussion</p>	<p>Courses III</p> <ul style="list-style-type: none"> • Topic 7 Protein misfolding problem in Neurodegenerative diseases <p>Research Project Hackathon Prep. I</p> <ul style="list-style-type: none"> • Talk: Training on Research Writing • Group Breakout • Hackathon Demo 	<p>Interdisciplinary Experts Talks & Panel Discussions</p> <p>Hung-Yuan Li, MD PhD (台大醫院/糖尿病關懷基金會) From Physician, Scientist, to CEO- Introduction of the Formosa Diabetes Care Foundation</p> <p>Tsung-Pin Pai, PhD (安基生技): Translational Research: From Science to Saving Lives</p> <p>Wei Chen, PhD (GRC) Nanomedicine and Biomaterials in Disease Treatment</p> <p>Chi-Cheng Fu, PhD (NVIDIA Lecture) Empowering Biomedical Science through AI</p>	<p>Research Project Hackathon Prep. IV</p> <ul style="list-style-type: none"> • Topic Research • Poster Preparation 	<p>Presentation & Competition</p> <p>Award Ceremony Closing Remarks</p>

