

STEM Pathways Summer 2022 Seminar Series

Schedule

Friday, July 1, 2022

12:00 pm - 1:00 pm

CILSE 106C



**Starving for air: microbes,
engineering, and evolution in
tough places**

Presented By

Daniel Hart, Ph.D. Candidate

Biomedical Engineering,
Mo Khalil Laboratory

About Daniel Hart

Daniel completed his Bachelor's degree in Bioengineering at Stanford University. At Stanford, he developed genomic screens for validating cancer driver genes in organoids. His current research focus is adapting the Khalil Lab's eVOLVER platform for novel applications in synthetic and evolutionary biology, including anaerobic microbial communities and biotherapeutics. Away from lab, Daniel likes to read nonfiction, cook potatoes, sail boats, and dodge Boston traffic on his bike.



**From polymer foams to
engineered blood vessels: my
journey in research**

Presented By

Mai Ngo, Kilachand Postdoctoral Fellow

Biomedical Engineering,
Christopher Chen Laboratory

About Mai Ngo

Mai completed her Bachelor's degree in Chemical Engineering at Virginia Tech. At Virginia Tech, she studied the processing of polymers in supercritical carbon dioxide. Following her graduation, Mai obtained her Ph.D at the University of Illinois Urbana-Champaign. Her graduate research work involved the development of multicellular biomaterial platforms to study the effects of tumor-vascular interactions in glioblastoma progression.



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