



2023 SUMMER RESEARCH

Symposium

Stop by this student showcase event on Sept. 19-20 in the Gillmor Center Lobby

This captivating event will celebrate the achievements of Mission students who completed internships and research projects this summer.



The poster is titled "Developmental Manganese Exposure Alters Catecholaminergic System Changes in SH-SY5Y Cells" and is presented by Thi Lan Chi Nguyen and Nicholas A. Eberle from the Department of Microbiology and Environmental Science at Mission College. It includes sections on Objective, Research Design and Rationale, Methods, Results, and Conclusion. Key findings include Mn's role as a trace element, its impact on protein levels of tyrosine hydroxylase, dopamine transporter (DAT), and dopamine D2 receptor (D2), and its effects on gene expression and epigenetic modifications. The poster also shows RT-qPCR results and a timeline of the experimental design.

Celebrate student success!

The 2023 Summer Research Symposium features Mission students, who have completed summer internships and faculty-guided research projects, sharing captivating poster presentations and a series of short, informative lectures.

Our students have undertaken projects in areas such as Mathematics, Honors, and Applied Computational Science. Additionally, some of our students had the opportunity to participate in summer research and internship programs at prestigious institutions like UC Berkeley, Stanford, the San Francisco Bay Bird Observatory, and VA Health Services.

Scan the code to learn more or visit stem.missioncollege.edu

