



## 2021 Summer Students' Research Program 54<sup>th</sup> Annual Summer Students' Research Day

### POSTER PRESENTATION AWARD RECIPIENTS

Student	Supervisor	Department
<b>Beimnet Ayalew</b> 3-D Imaging of Transient Neurons in the Mouse Brain	<b>Dr. Qiumin Tan</b>	<b>Cell Biology</b>
<b>Manav Batta</b> The Dynamics of ATM Localization Following Cellular Stress	<b>Dr. Armin Gamper</b>	<b>Oncology</b>
<b>*Kai Fender</b> Long-Term Urethroplasty Success and Satisfaction: The Ramifications of Structure Length and Etiology	<b>Dr. Keith Rourke</b>	<b>Surgery</b>
<b>Justin Kim</b> Thioflavin T Microplate Surface Crosslinking: Development of a Novel Technique to Isolate Protein Aggregate Species in Alzheimer's Disease	<b>Dr. Sue-Ann Mok</b>	<b>Biochemistry</b>
<b>*Jessica Knight</b> Improving Diagnostic Accuracy for Wrist Injuries Using 2D Ultrasound, 3D Ultrasound and Machine Learning	<b>Dr. Jacob Jaremko</b>	<b>Radiology &amp; Diagnostic Imaging</b>
<b>*Steffane McLennan</b> Deferoxamine as a Tool to Improve Islet Engraftment in an Immunosuppression-Free Subcutaneous Transplant Model	<b>Dr. A.M. James Shapiro</b>	<b>Surgery</b>
<b>Carina Siu</b> BCI-For-Play: Could Brain Computer Interfaces (BCI) Change the Lived Experiences of Play for Children with Disabilities?	<b>Dr. John Andersen</b>	<b>Pediatrics</b>
<b>JuliAnn Thai</b> KCNV2 Mutation Leads to Both Photoreceptor Dysfunction and Morphological Abnormalities in Adult Zebrafish	<b>Dr. Jennifer Hocking</b>	<b>Surgery</b>
<b>*Jesse Webb</b> Virulence of the Appendiceal Microbiome as a Contributing Factor in Ulcerative Colitis	<b>Dr. Eytan Wine</b>	<b>Pediatrics</b>
<b>Jacqueline Yang</b> Genetic Modification of <i>Hormoconis Resinae</i> as a Proof of Concept	<b>Dr. David Stuart</b>	<b>Biochemistry</b>

\*MD Students selected to represent the Faculty of Medicine & Dentistry (FoMD) and the University of Alberta at the annual National Student Research Forum hosted remotely from Galveston, Texas in April 2022.

## Congratulations!