

SUCCESS STORY



www.bioalberta.com

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Ecmius is a Calgary-based medical technology company that is currently working on developing parts of extra-corporal life support (ECLS) technologies. WIL funding helped Ecmius to hire students this summer to support the advancement of their cannulae. The students worked on the development of the fabrication process and new cannula designs as well as understanding plastisol formation and surface modification treatment for specific applications. Specifically, they were integrating simulation models that will enable understanding of process parameters with the development of prototypes.



Anthony Demong at the Ecmius lab

University of Calgary student Anthony Demong (Biomedical Engineering) applied for a position at Ecmius Biomedical to have an opportunity to learn about and gain practical experience working with medical industry technologies. WIL funding provided the catalyst for Anthony's summer employment. His work at Ecmius afforded him the opportunity to talk to industry experts, use advanced equipment to fabricate his own designs, and contribute to the development of novel life-saving technology. A clear highlight for Anthony was the team of skilled professionals at Ecmius willing to impart upon him the knowledge and skill training he needs to succeed in his advanced academic career and his future in the workforce. Anthony is enthusiastic when he says, "This summer position has served as an excellent introduction to my career as a future biomedical engineer."

Anthony notes, "These last four months working for Ecmius Biomedical have been very exciting. The people I have met have inspired me to continue developing my own skills and knowledge, and BioAlberta's WIL funding has made that possible. I am extremely fortunate to have gained this practical work experience, and I am eager to continue my work in the future."

Learn more about Ecmius' current projects [HERE](#).

