

SUCCESS STORY



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Ecmius student interns with CEO Alessandro Biglioi

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.

Second year University of Alberta Chemistry student Ryan Qiu sought out a position with Ecmius to gain experience in the workplace, knowing that diversifying his experience would prove fruitful for his future career prospects. At Ecmius, he worked on surface coating medical devices, structural analysis and chemical characterization of the coating polymer, and biocompatibility analysis of the coatings. He speaks candidly of his experience: "Being able to deliver a product that can impact the lives of millions has always been one of my dreams. The most exciting part of this was working with a wonderful team of experienced and dedicated professionals and being able to learn from their work. One big takeaway would be the kindness and support of everyone who I had the pleasure of working with." Ryan aspires to become a world-class researcher, making new discoveries that can change the world through science. Ecmius has given him a great head-start!

