

SUCCESS STORY



www.bioalberta.com



www.neuraura.com

Neuraura is empowering women's reproductive and long-term health with a wearable bioelectronic device for the treatment of PCOS (Polycystic Ovary Syndrome). The company is a deep-tech spin-out from the University of Calgary focused on translating leading edge technology in the field of neural interfaces into medical devices with significant clinical impact.

Alanna Devolin is a graduate student in Biomedical Engineering at the Schulich School of Engineering at the University of Calgary. She applied for an internship at Neuraura his past summer because she had never worked at a medical technology company and wanted to round out her experiences before graduation. Alanna notes, "The position was very applicable to my academic experience, and it gave me the chance to learn about the design and development of electrodes for a variety of applications." For Neuraura, the ability to hire top student talent is critical to continuing momentum in its product development activities and achievement of its strategic milestones overall. The leadership at Neuraura values the technical aptitude, curiosity and creativity that interns bring to each and every challenge with which they are presented.



Alanna Devolin

Alanna's scope of work included refining the design of prototype electrodes for Neuraura's contract research organization partners, evaluating potential manufacturing pathways for their depth electrodes for clinical use and

testing non-invasive electrodes for a wearable device. Alanna's work was catalytic for Neuraura's commercialization efforts, supporting their initial revenue generation activities. Co-founder and COO Claire Dixon is very quick to praise Alanna's work: "Her prior experience designing electronics, passion for medical device development and maturity meant that she quickly established herself as a significant contributor to and collaborator in our team."

Alanna is excited about future possibilities because "the projects that Neuraura works on will help to improve people's quality of life." Neuraura's positive impact is easily seen. "Working on multiple unique projects and working with a very talented team" has given Alanna fantastic experience to carry forward into her future, and for now she remains on the Neuraura staff working on the verification of an in-ear electrode for stroke and traumatic brain injury rehabilitation. She goes on to say, "BioAlberta WIL funding has permitted me the opportunity to pursue this employment. By working at Neuraura, I have been able to learn firsthand from experts within the neurotechnology community. This has been an invaluable experience and I could not have done this without the WIL funding." The experience was certainly mutually beneficial, as Dixon also mentions that "Neuraura's interns have driven our technology and commercialization roadmap forward on multiple fronts in a way that just would not have been possible without BioAlberta WIL funding."

To learn how BioAlberta's WIL Voucher can help your company hire an Alberta student intern, contact jamie@bioalberta.com.

