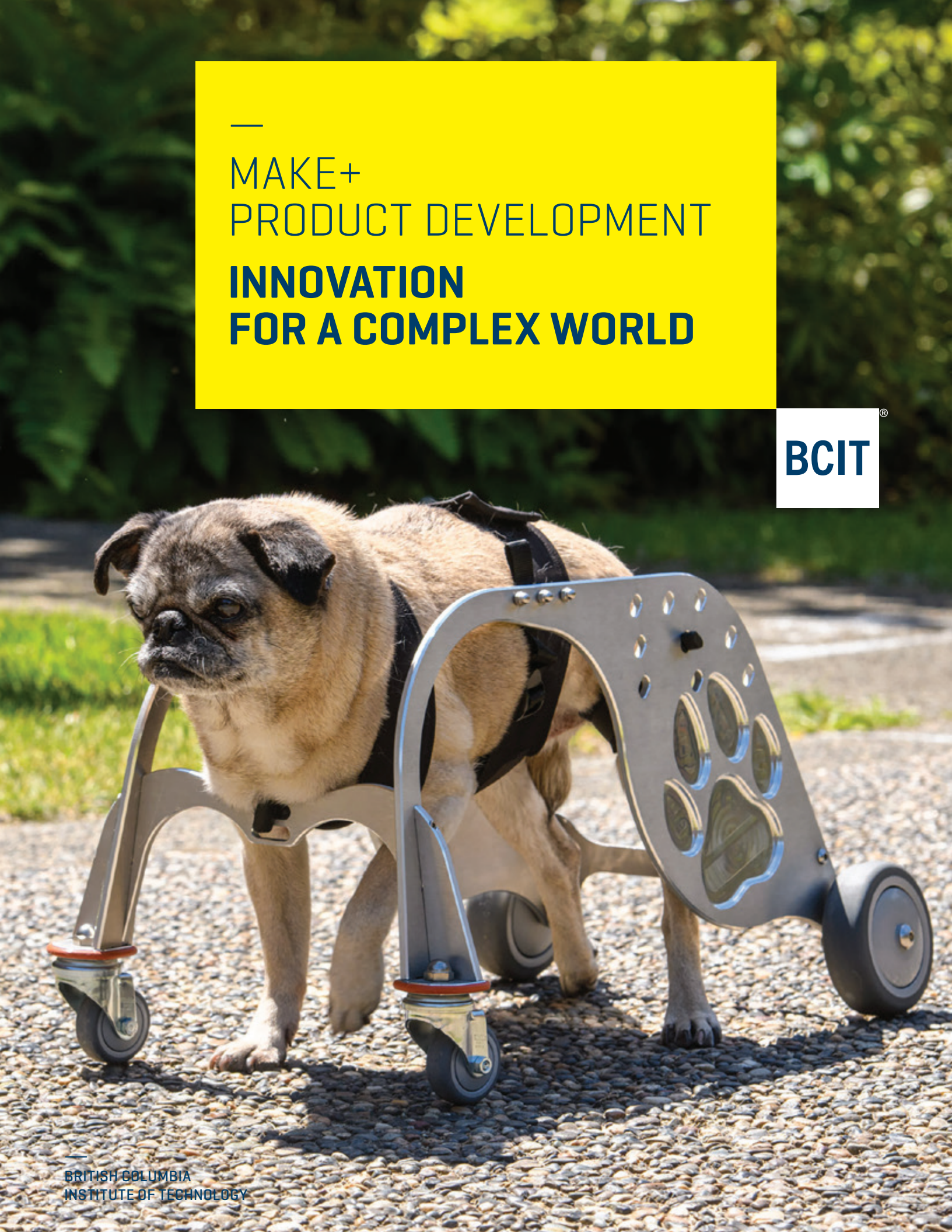


MAKE+
PRODUCT DEVELOPMENT

INNOVATION FOR A COMPLEX WORLD

BCIT®

BRITISH COLUMBIA
INSTITUTE OF TECHNOLOGY

About MAKE+

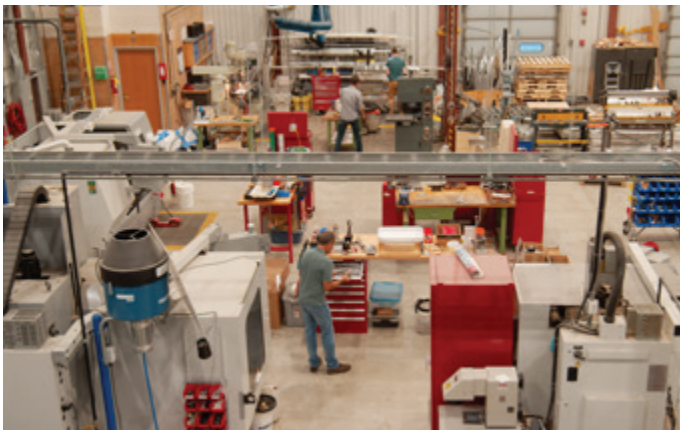
MAKE+ is a multidisciplinary research group focused on product development, applied research, and education. MAKE+ is registered to the ISO 13485 Quality Management System for medical device manufacturers.

MAKE+ optimizes the functionality, user experience, value, and commercial success of emerging health, consumer, and industrial products through the following services to industry—both provincially and globally:

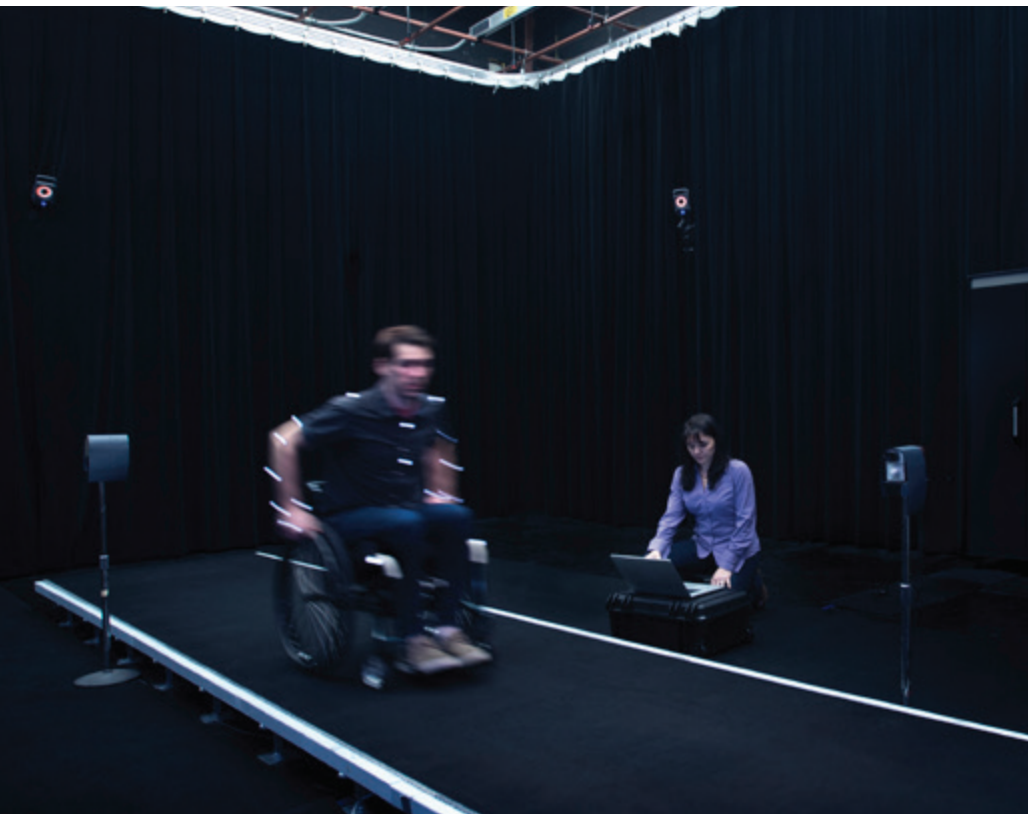
- Definition of the design challenge
- Development of design concepts
- Creation of prototypes
- Evaluation of prototype and/or product performance
- Quality system design control and record creation

The MAKE+ advantage lies within their diverse team of engineers, technologists, industrial designers, manufacturing specialists and project managers. This multidisciplinary group will conduct and coordinate all aspects of your project from business opportunity assessment through to verification and validation of your product's performance.

Wearable technological solutions, assistive devices for mobility, and textile production are just the beginning of the opportunities created in MAKE+'s Soft Shop Lab.



The Centre for Applied Resarch and Innovation Research Laboratory is a full-scale prototype development facility.



The Motion Capture Lab is a state-of-the-art 3D motion analysis system that records and studies detailed movements of man or animal including joint angles and ground reaction forces in addition to capturing physiological parameters such as body temperature, muscle movement, heart rate, and oxygen uptake

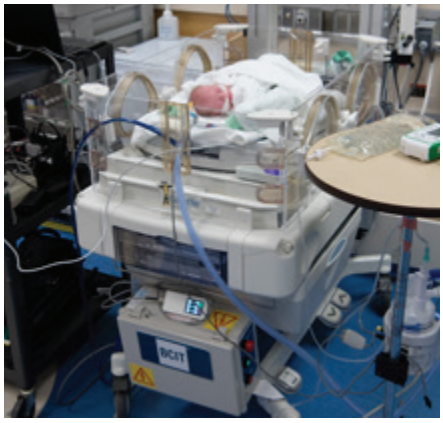
At MAKE+ we can take your ideas to the next level. We are highly skilled in the areas of evaluation, ergonomic assessments, health, consumer, and industrial technology development, automation and electronics.

The BCIT MAKE+ researchers' reputation in bringing innovative projects to life! Here are a few projects we are excited to share with you:

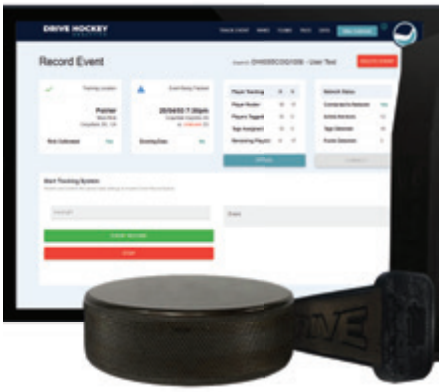
Contino is a life changing device made possible by MAKE+ — a self-administered medical device that controls bladder leakage in men that was redeveloped into a functional clinically ready prototype. For more info: mycontino.com.

Wiivv Wearables, a BC-based company, incorporated an orthotic design they developed with the help of BCIT researcher Silvia Raschke to design a very unique custom-made 3D printed sandal.

Anne-Marie Fleming, Founder and Owner of Dog Quality asked MAKE+ researchers to help design a dog wheelchair prototype for aging dogs to regain mobility.



MAKE+ researchers created a clinical-trial-ready prototype device that simulates skin-to-skin contact for babies who are too fragile to be held by their mothers.



DRIVE Hockey Analytics a Vancouver-based start-up looked to MAKE+ researchers to help develop a prototype utilizing sensors to analyze data from young hockey players.

"Working with the BCIT MAKE+ team has been easy from the start to finish," says Ann-Marie Fleming, Founder and CEO of Dog Quality. "The team truly understood what we were trying to accomplish with this device and took the time to learn about the needs of senior dogs."

Ann-Marie Fleming
Founder, Owner Dog Quality

"The team created an aesthetically beautiful prototype. The device required multiple changes in specifications along the way and these were handled well by the team."

Dr. Liisa Holst
Canada Research Chair at UBC
Neonatal Health and Development

Benefits of Working with MAKE+

- Flexibility and adaptability to meet your specific product development needs
- Synergistic team-based approach to problem solving
- Broad and deep range of expertise and talent
- Connected with domestic and international industry and academic partners
- Increased probability of commercial success

For more information, contact:

Jaimie Borisoff
jaimie_borisoff@bcit.ca
604.451.6988

bcit.ca/applied-research/makeplus-product-development/

BCIT®

BCIT MAKE+ helped design a doggie wheelchair prototype for aging canines.

MCD 3192, APRIL 2020