

WILSON SCHOOL OF DESIGN

APPAREL WITH PURPOSE

Technical Apparel Design 2019 Capstone Projects





Our Technical Apparel Design program prepares students for an industry that pushes the limits of human potential. From giving elite athletes a competitive edge to saving lives of outdoor enthusiasts. This booming industry blends creativity with cutting-edge technology to allow humans to move faster, survive longer, and explore further. The curriculum was developed in collaboration with local companies such as Arc'teryx, lululemon, Mountain Equipment Co-op, and Mustang Survival, in addition to top academics and researchers. Students' skills are developed through our rigorous, hands-on curriculum based on human factors, ergonomics, strategic design development, and industry practices. Graduates are positioned as strategic thinkers who can work in a wide range of apparel and product design industries. They emerge from our program ready to join the next generation of design innovators.

We Gratefully
Acknowledge
Our Sponsors
& Industry
Collaborators
Who Support
Our Students

ORGANIZATIONS

Arc'teryx
Hold It All Inc.
Lululemon Athletica
Maxport Limited Vietnam
Mountain Equipment Co-op

Mustang Survival
Richmond Olympic Oval
Simon Fraser University
Worksafe BC

PEOPLE

Andrew Clark
Chip Wilson
Dr. David Darvill
David Westwood
Jak Wong
Jef Stokes
Dr. Joanna Zander
Keri Rowe-Tooke
Leah Herbison
Mark McKnight

Paul King
Sally Dickson
Shannon Wilson
Terry Straus
Tien Pham
Dr. Tom Waller
Tuyet Trinh
Venice Clementi
Wendell Uglene
Yogi Dandapure

TECHNICAL APPAREL DESIGN ADVISORY COMMITTEE

Charlotte Browning
Lindsay Bailey
Mark Anderson
Dr. Matthew White

Max Feldman
Samantha Kuchmak
Shirley Chan
Vanessa Fors



YULIA CASTRO BDES

 [yuliawitarsa](#)

Yulia is a fashion designer originally from São Paulo, Brazil, where she worked in the fast fashion industry for over 5 years. Her love for the creative design process and the desire to develop more thoughtful and functional products drew her to pursue her Post-Baccalaureate Diploma in Technical Apparel Design. Design is a way of expanding knowledge and experiencing the world for Yulia. She is constantly striving to understand human behaviour and its influence on global cultures. Yulia is driven and inspired by the challenges of creative problem solving and exchange of ideas amongst people from different backgrounds.

Aēr

Highly breathable athletic apparel for warm environments that cater to Modest Millennial women.





SARAH EPPLER BSc

 sarah-eppler

Sarah has a background in Kinesiology with a Bachelor of Science (Honours) from Dalhousie University. She plans to combine her interest in human body movement with her passion for design in her career upon graduation. Sarah believes that the technical apparel and outdoor industry is an excellent place to hone her creativity. She hopes to combine her new set of skills from the technical apparel program with her science and research experience to design technical apparel for sports activities and create innovative solutions for the medical field.

ImmunoScrub

Medical scrubs for women that are functional, comfortable, and have antimicrobial properties.





DIEGO GARCIA^{MSc}

 [mgdiego](#)

Diego's passion for the outdoors was ignited by his love for mountain biking. On weekends you will find him exploring new trails up the local mountains and testing out his gear. Before moving to Vancouver, Diego lived in São Paulo, Brazil where he obtained his Bachelor's Degree in Mechanical Engineering and his Master's in Materials Engineering. Throughout his career in the petroleum industry and as a visiting Professor at his alma mater, he demonstrated an inquiring and systematic approach to problem solving. His passion for sustainability drives his desire to provide solutions for the outdoor industry.

Osodae

A lightweight and breathable base-layer with built-in shoulder protection for mountain biking.





JONATHAN LIU

BBA, CPA

 [jonathanliu-](#)

Jonathan's desire to work in the technical apparel industry stems from his pursuit to merge vocation and fascination. After graduating with a BBA from Wilfrid Laurier University, Jonathan worked in progressive accounting and finance roles supporting complex supply chain structures. However, his passion for the outdoor industry and his love of snowboarding drew him out West. Jonathan plans on working with cross functional teams in supply chain management where he can utilize his analytical skills and business acumen, while leveraging his understanding of design, production, and textiles.

Fopak

Streamlined hydration storage that keeps snowsports enthusiasts hydrated.





RITA NWOKOLO

LLB, BL, LL.M, MA

 ogerita

Throughout her life, Rita has been passionate about apparel and design. After studying Fashion Marketing at Regent's University in London, she realised that the future of the apparel industry laid in the fusion of function and fashion. This conclusion inspired her move to Vancouver to pursue a career in technical apparel design. With extensive global experience, through studying in the United Kingdom and working in Law in Nigeria, Rita has a unique perspective which she applies to her creative problem solving skills.

ABC Sports Bra

A comfortable sports bra for women with large breasts who practice high impact sports.





RILEY SCOTT BA

 [rbrscott](#)

Riley's passions are driven by unique technical design solutions, whether he is rock climbing, ski touring, or trail running. His design intention is rooted in his values for sustainability and creative design thinking which were developed by his BA in Environmental Studies & Sociology, in addition to his work experience in landscape design, woodworking, and outdoor retail management. Riley believes that through continuous innovation, technical apparel has begun to explore the intersections between function, aesthetic appeal, and sustainable design. Being passionate about all three, Riley intends to be at the forefront of these future developments, both as a designer and an avid user.

Stratus

A technical midlayer capable of varying its insulation value, tailored to the thermal needs of the user.





Left to Right: Diego Garcia, Jonathan Liu, Sarah Eppler, Riley Scott, Rita Nwokolo, Yulia Witarsa.

Capstone 2019

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