

The Beanstalk
PROJECT
presents:

SPRING/

SUMMER

2020



SHSM WORKSHOP CATALOGUE

ONLINE EDITION!

{ Engaging to students.
{ Accessible for everyone!



WWW.THEBEANSTALKPROJECT.ORG

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AN INTRODUCTION FROM JOEL

What does the Specialist High Skills Major program look like without in-person experiences?

On the one hand, it seems nearly impossible. The SHSM program was built on the foundation that students need first-hand experiences. That poses a challenge right now.



But on the other hand, alternative education approaches like SHSM seem more necessary than ever. SHSM serves the needs of students for whom traditional classroom education seems irrelevant, and it's become impossible to ignore just how disengaged some students are.

In lots of ways, this is the perfect opportunity to rethink how we provide meaningful education, career training, and opportunities for growth.

While we miss being able to run live, in-person workshops (and, let's face it, have fun with our wise-but-quirky friends on stage), our mission is to support teachers and students in better education. We're committed to doing so in a way that is safe and effective during these times.

We've been working hard to shift our workshops online—and we've done it! While we can't wait to get back to the stage, we are super excited to be able to share these online programs with you and your students.

In fact, we see this push to offer online options as being responsive to needs that had been identified and underserved in the community even before COVID-19. Clearly, it's a different experience than a live workshop, but there may be advantages! For example, online workshops might better reach students in rural or remote communities, or allow students who missed out on previous opportunities to quickly get the credits they need to pursue their goals!



If you have any questions or concerns about online workshops, please get in touch with us. We have shaped this iteration of programming based on hours of consultation with educators and SHSM leads, and your feedback is invaluable! We promise to keep working with you to support students, in whatever format the times call for.

Thanks for checking out The Beanstalk Project programs! We look forward to supporting your SHSM program.

Joel Hilchey

Joel Hilchey
Founder & Director,
The Beanstalk Project

ABOUT THE BEANSTALK PROJECT

The Beanstalk Project is a passionate team of educators, professional speakers and facilitators that could, perhaps, best be considered "edu-tainers". We are all experts in youth engagement and have been presenting for many years, both within education and beyond.

The Beanstalk Project is all about helping students build their own paths to meaningful careers. We create unforgettable experiences by partnering with inspiring role models that provide engaging presentations. We deliver workshops, assemblies and programs for schools all across the province and work hard to ensure they are impactful for participants and rewarding for organizers. We're very proud to have become Ontario's top provider of Specialist High Skills Major (SHSM) Certification Workshops. Last year alone, we worked with more than 30 school boards, connected with dozens of community partners, and delivered more than 300 presentations.

More than that, we're on a mission to reform education! Everyone knows that too many students are disengaged. Yet, we also see huge numbers of students who are disconnected from their goals or unclear on their next steps—despite being hardworking. The Beanstalk Project helps students regain their sense of agency, build their skills, and put themselves on a path to success that's meaningful for them!



ONLINE SPCE PROGRAMS - I.C.E. TRAINING



Apply creativity to solve real world problems. Connect with industry leaders to learn about the challenges they face. Bring awesome ideas to reality. Become better at solving problems at home, at work or with friends!

Cost: \$50 per student

I.C.E. Training for Arts & Culture

Paulina, owner of Paulina Zaborska Art, has spent her life exploring the places where her passions—painting, horses, travel to remote places, and wildlife biology— intersect. With a degree in Wildlife Biology and a history of field work in Tanzania, Paulina’s expert knowledge of animals shines through in her creative projects. Paulina provides insight into life as a working artist who is balancing her business, parenting, and (for now) home-schooling! Along with our facilitators, students will explore sustainable income sources for an arts business.

I.C.E. Training for Aviation

We’re joined by our sector-partner Adam, founder of Aerial Scout. Aerial Scout is a company that uses drone technology to help businesses make data-based decisions accurately, cost-effectively and safely. His challenge for students is about how to improve civic engagement for his business.

I.C.E. Training for Business

Join us on an ideation that focuses on a small-business challenge. Sector-partners Lindsay and Phil from Tricity Centre for Circus Arts were successfully growing their aerial arts camps and programs

when the pandemic forced them to close their doors. They're interested in student ideas around how to generate funds when participants can't come to the gym.

I.C.E. Training for Construction

Our facilitators are joined by Iram from Build It By Design: a company that constructs branded environments in the restaurant, retail, commercial and healthcare spaces. As a business that works on a broad range of projects—handling every aspect of transforming a design to reality—they offer a great model for students interested in the diverse world of construction to explore! Iram and our facilitators will explore Built It By Design's successes and challenges, while students follow along with their own great ideas.

I.C.E. Training for Environment

Concern around climate change and the need for solutions has never been more urgent! Yet, changing consumer habits remains tricky. Mitch from New Earth Solutions joins us to share some information about his new (top secret) product, and generate ideas on how to get more people interested in buying green solutions for their homes.

I.C.E. Training for Health & Wellness

Affordable food is essential to keeping communities healthy, but too many families find it hard to access fresh, local food! We chat with Mike, previously the Director of Operations in Food Security with The United Way Sault Ste. Marie and Algoma District. Together we ask students to consider how we might help young people choose to support change and eat healthier foods.

I.C.E. Training for Hospitality & Tourism

If you had a friend come to visit, you probably have a list of special, local spots you'd want to share. Our sector-partner Grace from 519 Tours founded her company to do just that: help more people explore the best of what rural Ontario has to offer. The tourism industry has certainly been challenged by pandemic restrictions! Grace and our team explore how she might generate revenue for 519 Tours in new ways, until people can safely travel again.

I.C.E. Training for Information & Communications Technology

Crowdfunding allows us to solve financial challenges by connecting people with great ideas. Maybe you've used crowdfunding to support a local cause, invest in a cool gadget, or help a friend meet a goal? In Canada, crowdfunding regulations used to be provincially specific, which limited the market. Hivewire is a crowdfunding platform that has been watching this space closely and are looking to re-enter the market. With new online opportunities and exciting changes on the horizon, Hivewire is interested in ideas on how they might innovate the very concept of crowdfunding to increase their success.

I.C.E. Training for Mining

Evolution Mining is an Australian gold mining operation with six operating mines, one of which is located in Red Lake, Ontario. Their focus is on operating its projects safely and efficiently as they develop them to their full potential. Ashley is the Environmental Coordinator for Evolution Mining in Red Lake. Her question for students is about sustainable practices—an essential concern for those starting their career in the industry. Together we explore how Evolution Mining might get employees to care about and perform proper waste sorting and disposal.

I.C.E. Training for Non-Profit

The Centre for Dreams helps empower those living with developmental disabilities to become independent, dignified and respected members within their communities. In our training, the centre's president Michelle shares some unique aspects of her non-profit and their members. Following along with our facilitators, students come up with feasible and fun ways to generate funds for their programs in the wake of the pandemic and the restrictions it poses.

I.C.E. Training for Sports

Join us on an ideation that focuses on a challenge facing gyms and fitness centres. Sector-partners Lindsay and Phil from Tricity Centre for Circus Arts were successfully growing their aerial arts camps and programs when the pandemic forced them to close their doors. They're interested in student's ideas around how to generate funds and support student fitness and growth until they can re-open.

I.C.E. Training for Transportation

Join us as we connect with Dave Fraser from the Trillium Automobile Dealers Association. Dave is TADA's Ontario Education Coordinator, a role designed to raise awareness of lifelong careers in the automotive retail and service industry. His goal is to connect young people with fulfilling careers; overcoming misconceptions people have about the automotive sector by showcasing the awesome possibilities. Guided by our facilitators, we help students explore Dave's challenge: "How might we get more students interested in a career in the automotive industry?"

ONLINE SPCE PROGRAMS - CODING



Coding is an important skill in all career paths!

Using “Blockly” we’ll play games and solve puzzles all while learning the building blocks of programming: logic, conditionals, loops, and more. Plus, see how coding is used to innovate a better world!

Cost: \$50 per student

Connecting Coding to Your Sector

These modules are all about getting students excited about coding. Programming can feel complex and it’s sometimes hard to know where to start. Our approach is to share how coding connects to a career pathway and provide accessible ways for students to get started rather than discouraged!

With the help of our facilitators, we ground students’ understanding of the basics (parts of a computer, algorithms, and language) while having some fun. We also showcase sector-specific examples of exciting technology that relies on coding to advance the future of work (outlined below).

Agriculture – chemical-free herbicide, Farmbot’s open-source CNC farming solutions, and farm automation using drones/AI.

Arts & Culture – virtual museum tours, holograms, and production technology.

Business – Magic Mirror, IOT (Internet of Things), and personalized advertising.

Construction – 3D constructed tiny homes, Proxxi PPE, and Fastbrick Robot’s Hadrian Machine (construction robotics).

Energy – Carrier’s Hourly Analysis Program, microgrids, and Tesla’s Power Wall.

Environment – upcycled 3D printed food, 3D constructed tiny homes, and DNA barcoding.

Health & Wellness – Google’s Flu Trends, 3D printed organs, and Fitbit.

Horticulture & Landscaping – chemical-free herbicide, robotic lawnmowers, and greenhouse sensors.

Hospitality & Tourism – Moley Robotic’s kitchen/chef, upcycled 3D printed food, and Folidmate’s clothes folding machine.

I.C.T. – SpaceX’s Starlink satellites, augmented reality advertising, and IOT (Internet of Things).

Justice, Community Safety, and Emergency Services – facial recognition software, firefighting robots, and drone-catching drones.

Manufacturing – 3D printing, CNC Machining, and Proxxi PPE.

Non-Profit – Ushahidi (awareness platform), AKQA’s augmented reality campaign: “Walk with Yeshi”, and Charity Navigator (accountability platform).

Sports – Fitbit, drones in sports journalism, and Bauer’s 3D Skate Lab.

Transportation – self-driving cars, ARMAR 6 (an industrial robotic helper), and BIXI’s bicycle sharing systems.

ONLINE SHSM CERTIFICATION WORKSHOPS

Customer Service



Great customer service is an essential skill! Using activities, role-playing and stories, you'll learn the foundations of helping customers in a friendly, positive way. Plus, we share the three things you must be in order to provide great service!

Cost: \$30 per student

Ethical Considerations



Through engaging scenarios of challenging dilemmas, students learn about the foundations of ethical behaviour. Together we explore why issues aren't black and white, the perspectives of others, and students' own moral compasses.

Cost: \$30 per student

Leadership Skills



We are all capable of being leaders! We just need to develop the right skills. Broaden your perspective and explore your own definition of leadership. We'll look at personal role models as we work through activities that put words into action.

Cost: \$30 per student

Portfolio Development



Whether you are looking to work with cars, art, gardens, or games, a strong portfolio will set you apart! Learn how to set goals, mine past activities, and collect artifacts that communicate your skills as you work towards a career that excites you.

Cost: \$30 per student

Project Management



Projects are fun but can also be overwhelming! We'll teach you a hands-on approach that will get any project moving. Learn about organization, modular thinking, and critical path tasks, plus tools to boost productivity and stop procrastination.

Cost: \$30 per student

LOGISTICS

Scheduling

Our fun, online modules can be completed at the student's own pace. Once registered, they can access the course anywhere and on their own time by logging in to their Thinkific account. Personal progress will be tracked as students work through the content—the web-based platform ensures that if students come back to their course on a new device, or even weeks later, their progress will be saved. Upon completion, students automatically receive a PDF certificate of completion that they can download to submit to their teacher or print at home.

Set-up

Registration is easy!

1. Contact us to let us know which workshops you are interested in and how many students you need enrolled.
2. We will send you a free enrollment link so you can review the course before purchasing.
3. Ready to go? We'll provide a simple web link that you can distribute. Students click it, register, and start the course!

Cost

The cost of our online workshops is \$30+HST per student for certification workshops, and \$50+HST per student for SPCE programs. Discounts are available if you are ordering for more than 100 students.

Invoicing and payment will take place with The Beanstalk Project directly. Payment will not be processed via Thinkific at this time. We will continue to co-ordinate with each school/board regarding purchasing process. The Beanstalk Project can accept payment by cheque or credit card.

Troubleshooting

All our online programs are hosted on Thinkific, which follows industry standards for online courses, so issues are rare. We think you'll find the Thinkific platform simple and intuitive to use. Hit a technical snag? Don't worry, we're here to help! Our staff have completed these online courses ourselves, so we know how they should look and function. We can help manage enrollment, peek behind the scenes at student progress, and connect remotely by screen-sharing or phone to help walk you through any issues that arise.

If you or your students run into any issues, contact us at info@thebeanstalkproject.org.

Privacy

Privacy has always been important to us. As a business operating in the Education sector, we take student and teacher privacy seriously. First of all, we will never sell or share any data we collect as part of our business. We also recognize that each school may have unique privacy policy when it comes to online learning. We can work with you to ensure that student registration adheres to these important guidelines. To help ensure security, we ask that users refrain from sharing accounts and passwords (unless this is between a teacher/student or guardian/child for accessibility purposes) and follow good practices when choosing passwords.

Special Requests & Live Sessions

The Beanstalk Project is typically hired to do live, in-person SPCE, SHSM Certifications, SHSM Program Promo Presentations, Teacher P.D., and other bespoke assemblies and workshops. As we developed our virtual programs, there was much debate about whether to provide synchronous or asynchronous experiences. Privacy, accessibility, and engagement were all important considerations, and in balancing these, we've chosen to start with a module-based approach.

Our team is always open to getting creative in coming up with ways to deliver engaging, virtual programming. If you would like to discuss how we can add live components, or you have a unique situation, please contact us at info@thebeanstalkproject.org. We're happy to customize our programs to best support your students.

MEET OUR FACILITATORS



Joel Hilchey teaches at McMaster University, and he speaks and writes about leadership, success, and creating a better world. A true renaissance man, he is a juggler, barbershop quartet singer, occasional yogi, and father of 3 kids - two of whom were born on the same day.



Brandon Love is a magician, speaker, and coach, and he helps people learn to achieve the impossible. He's also a certified teacher, hypnotist, and member of the world-famous Magic Castle. He wrote a book about creativity with Joel, and is a fan of corny jokes.



Andrew Giordano is a professionally trained circus artist. He fast-tracked a university degree to go join the circus. In fact, he used performance to conquer an anxiety disorder. He is the founder of the Youth Circus Project and has performed for audiences around the world.



Amy Tepperman is a former dancer and digital animator turned education entrepreneur, TEDx speaker and founder of Moving EDGEducation. When she's not immersed in all things education you can still catch Amy at the latest Pixar movie or dancing in her living room like nobody's watching!

Eric Ibey is a leadership and career coach, writer and fierce advocate for bald men everywhere. He has a mechanical engineering degree, once sold everything he owned to travel around the world, and walked over 400 kilometres from Montreal to Quebec City, just for fun.



Luis Serrano is a life coach, facilitator & motivational speaker. He is obsessed with maximizing human potential through the power of play! He has studied positive psychology, practiced & performed improv for over 8 years & facilitated hundreds of public and corporate workshops.



Calder Hutchinson spends most of his time teaching math and chess, and occasionally writing spooky tales. He used to mess around with DNA, but found the microbes and fish he was working with to be poor conversationalists. He is currently editing an anthology about ham sandwiches.



Jenna Goodhand is known for her creative and out-of-the-box business and community initiatives. For the past decade she has been focused on coaching and consulting entrepreneurs and small businesses, while also training and presenting at public and corporate events. She hosts a local TV show, runs a community centre out of an old farmhouse, and will probably own a pet pig one day.



Christopher Charlesworth is an entrepreneur and public speaker working in the fintech and digital media spaces. He is focused on enabling socially responsible enterprises by assisting with the integration of emerging technologies. Formerly a management consultant and tech start-up founder, he now likes to jump out of perfectly good airplanes for fun.



OUR COMMUNITY PARTNERS

The Beanstalk Project is bringing amazing community partners from across Ontario directly to your students' living rooms!

Curious about our sector-specific partners? Here are some of the amazing people and companies who are helping us in our mission to connect students with meaningful careers.

Mitch Cowburn: Co-Founder, New Earth Solutions



New Earth Solutions oversees multiple companies focused on the development of green solutions. Their focus is on being both profitable and sustainable, while creating a healthier, optimized, and more sustainable world for humanity in the areas of agriculture, lifestyle, and real estate. www.newearthsolutions.ca

Grace Vanden Heuvel: Founder/Director, 519 Tours



519 Tours' vision is to inspire visitors and locals alike to learn and appreciate the local heritage, culture and cuisine of the 519 area. Taking care of all the logistics, they provide customized experiences that allow clients to explore rural Ontario through bus rental, shuttle services and guided tours. www.519tours.ca



**Mike Delfre: Online Learning Associate,
Miramar Design Studio**

Mike Delfre has expertise addressing community wellness issues through his non-profit work. Once the Director of Operations in Food Security with The United Way Sault Ste. Marie and Algoma District, Mike shares the importance of tackling the root causes of poverty in order to improve food security. Through effective programs, communities can increase food production, support emergency food providers, and create jobs.



**Lindsay Bellaire & Phillip Psutka: Co-owners, Tricity
Centre for Circus Arts**

TriCity Centre for Circus Arts is a space dedicated to providing high quality training in aerial circus arts, and fostering the development of shows and productions that fuse theatre and circus. Their mission is to empower and inspire their students through circus arts. www.tricitycircus.com

**Michelle Del Carmen, BSW, RSW: President, Centre for
Dreams**



The Centre for Dreams helps empower those living with developmental disabilities to become independent, dignified and respected members within their communities. Their vision is for all individuals living with a developmental disability to be recognized for their inherent worth and unique contributions.

www.centrefordreams.ca



Adam Debevc: Founder, Aerial Scout

Aerial Scout is a London-based company that captures data using UAS (Unmanned Aerial Systems). Using practical, accurate and cost-effective technology, they help clients get the most out of their data in order to make better business decisions.

www.aerialscout.com



Paulina Zaborska: Owner, Paulina Zaborska Art

Paulina Zaborska is a working artist who has spent her life exploring the places where her passions—painting, horses, travel to remote places, and wildlife biology—intersect. With a degree in Wildlife Biology and a history of field work in Tanzania, Paulina’s knowledge of animal behaviour and physiology shines through in her creative projects. www.paulinazaborska.com



Ashley Moncrief: Environmental Coordinator, Evolution Mining

Evolution Mining is a leading, growth-focused Australian gold miner. Evolution operates six wholly-owned mines: five in Australia and one in Ontario, Canada. Evolution Mining’s focus is on operating its projects safely and efficiently, while developing them to their full potential. www.evolutionmining.com.au

Iram Sutar: Human Resources Generalist, Build it By Design



Build It By Design constructs branded environments in the restaurant, retail, commercial and healthcare spaces. Since their inception in 2008, they have completed over 600 projects! Build It works on a broad range of construction projects and handle every aspect of bringing a branded environment to life.

www.builditbydesign.ca

Dave Fraser: Education Coordinator, Trillium Auto Dealers Association of Ontario (TADA)



TADA has been leading innovative work on behalf of new car and truck dealers for over 100 years—since the days of horseless carriages! Dave’s goal is to connect young people with fulfilling work; overcoming misconceptions people have about the automotive sector by showcasing the awesome possibilities.

www.tada.ca

Christopher Charlesworth: Co-Founder & CEO, Hivewire



HiveWire is full service crowdfunding agency that engages in crowdfunding platform development, conducts data analytics, and offers crowdfunding consulting services. Hivewire was founded in 2012 and is planning on re-entering the Canadian market in 2020.



QUESTIONS?

Don't hesitate to connect with our Program Manager Kate Zaborska at info@thebeanstalkproject.org for more information about what we do or to discuss your unique needs.

SHSM ROUNDTABLES

Starting April 2020, The Beanstalk Project has hosted regular, free, online collaborative sessions for educators and other education-adjacent partners. The purpose was to share ideas and concerns around moving forward with online SHSM and Co-op programming as Ontario and the world grapples with the **COVID-19 pandemic**.

Our SHSM Roundtable meetings have been great collaborative experiences and we appreciate everyone sharing their insights and working hard to support students, teachers and staff!

We will continue to offer these sessions to meet demand. For updates, connect with us on social media (**Twitter**, **Instagram**, or **Facebook**) or subscribe to our **mailing list**.

