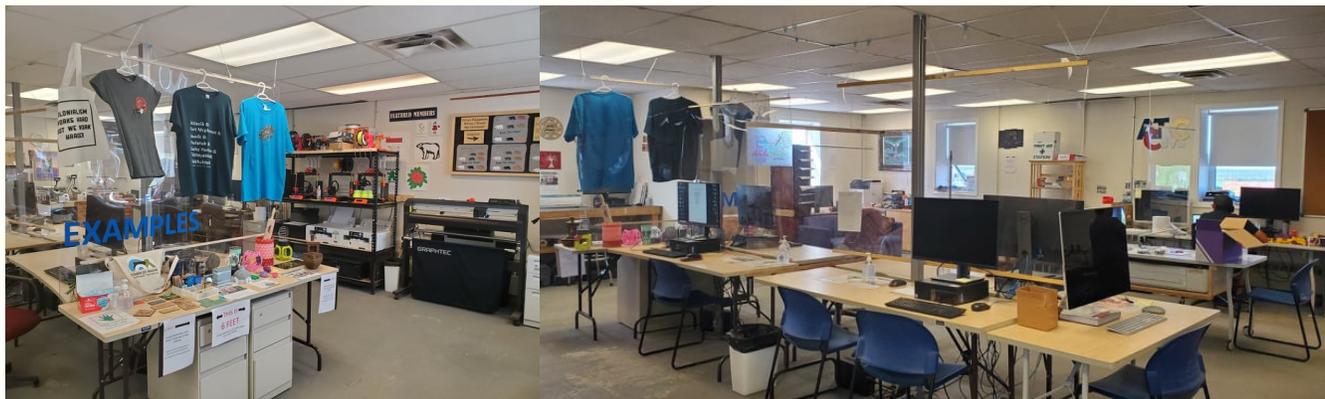


# INNOVATE

Centre for Arts, Crafts and Technology



## BEHIND THE SCENES: THE INNOVATE ADVISORY BOARD

In addition to the friendly faces you see at the centre, INNOVATE is supported by a passionate, hardworking, and forward-seeing advisory board.

### Who is the INNOVATE Advisory Board?

The INNOVATE Advisory Board is made up of members appointed by our partners and stakeholders: The Inuvialuit Regional Corporation, The Gwich'in Tribal Council, Government of the Northwest Territories (GNWT) - Industry, Tourism and Investment (ITI), Aurora College, The Natural Sciences and Engineering Research Council of Canada (NSERC), the Northern arts and crafts industry, the craft retail or manufacturing sector, and an INNOVATE member.

### What does the INNOVATE Advisory Board do?

The INNOVATE Advisory Board provides a layer of accountability for the centre. They provide advice on programming, workshops and partnerships; review financial statements, staffing, and major purchases; and make recommendations on how to expand and strengthen partnerships, training and programs offered by the centre. The advisory board is responsible for setting long term goals for the centre, and holding the centre accountable to those goals and priorities.

## Our Partners



Gwich'in Tribal Council  
Gwich'in Land, culture & economy for a better future



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### INNOVATE

Center for Arts, Crafts and Technology

☎ 867-678-0866

✉ INNOVATE@NWTRESEARCH.COM

📍 60 VETERANS WAY

🌐 WWW.INNOVATETAC.CA

📱 @ACTMCNT

# MEET THE INNOVATE ADVISORY BOARD



Peggy Jay  
Independent (Co-Chair)



Lynn Feasey  
Independent (Co-Chair)



Verna Pope  
Gwich'in Tribal Council



Katherine Ciboci  
Inuvialuit Regional Corporation



Ray Savard  
Aurora College



Alexandra Malakoe  
GNWT - ITI



Chris Dewolf  
Independent



Edward Irving  
NSERC



VACANT  
INNOVATE Member

The INNOVATE Advisory Board meets quarterly. At these meetings, INNOVATE management update the board on research initiatives, training, commercial and hobbyist membership activities, community engagement and partnerships. The board is also updated about operational and infrastructure activities and needs of the centre, such as new safety measures in the woodshop or re-arranging equipment at the centre to improve social distancing.

The advisory board discusses, among other things, strategies to strengthen community engagement, improve supports for members and meet operational and infrastructure needs of the centre before making recommendations to INNOVATE management and following up on previous recommendations.

## THE BENEFITS OF A COMMERCIAL MEMBERSHIP

Whether you're already a successful business owner (looking to create NWT-made SWAG or add value to your products) or a technology-beginner looking to start a business (and generate an income completing contracts). The INNOVATE Centre for Arts, Crafts and Technology exists to provide a well-equipped facility and empower **every individual** with the tools and techniques to create innovative, unique products that enable them to generate a better livelihood.

### Commercial Membership

- Priority access to technology / machines
- Priority access to technician support
- Access to the job board (to bid on contract work)
- Additional access to the centre (outside of open hours) to complete contracts
- \$150 / month
- \$1500 / year

### Hobbyist Membership

- Access to technology (if not needed by a commercial member)
- Access to technician support (if not assisting commercial members)
- \$75 / month
- \$750 / year



## MEET THE INNOVATE MANAGEMENT TEAM



**PATRICK GALL  
MANAGER, TECHNOLOGY DEVELOPMENT**

**Members can talk to me about ...**

if they are interested in talking about engineering or production. I studied engineering in school and could provide help with the design of products from a mass-production point of view.

**Favourite Piece of Technology?**

The Carbide 3D NOMADs. As a kid, I spent a lot of time machining. Since I don't have room for a lathe or mill at home, the appeal of a desktop-sized machine is very high!

**What is your favourite INNOVATE project?**

A DemoSat built as part of the Canadian CubeSat Project. The frame was 3D Printed. The side panels were laser cut and had the Northern SPIRIT logo printed on them using the Direct Color Systems (DCS) printer.



**BRIAN LARMAN, INNOVATE MANAGER**

**Members can talk to me about ...**

Taking their hobby to the next level: commercializing their creations or starting a business. I can provide advice on pricing, business structure and set up, as well as provide guidance on initial financial and marketing steps to take. I'm happy to assist INNOVATE members in realizing their entrepreneurial potential!

**Favourite Piece of Technology?**

I'm really enjoying using the X-Carve CNC. The X-Carve allows intricate designs to be carved into wood, in far greater detail and accuracy than by hand.

**What is your favourite INNOVATE project?**

Cutting boards! I use the X-Carve and wood working tools to creating cutting boards, I'm now experimenting with epoxy inlays. Stay tuned to the Innovate Facebook page and Newsletter for upcoming charcuterie and cutting board workshops!



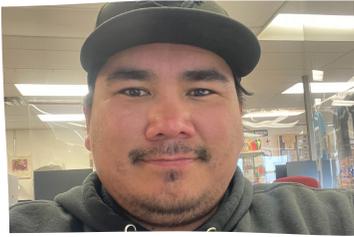
## SEPTEMBER WORKSHOP SCHEDULE



- September 1 (6 - 8pm): Introduction to Adobe Illustrator: navigation, layout, and set-up
- September 8 (6 - 8pm): Instruction to Adobe Illustrator tools, file formats, and importing / exporting
- September 15 (6 - 8pm): TinkerCAD Basics:- Introduction to 3D design for use in 3D printing
- September 19 (1:30 - 4:30pm): TinkerCAD Basics + Intro to Prusa Slicer
- September 22 (6 - 8pm): Intermediate Adobe Illustrator: Shape builder, curvature and pen tool
- September 29 (6 - 8pm): Intermediate Adobe Illustrator: Pencil and brushes tool, advanced tools

Limited Seats Available. Free for INNOVATE Members. Contact [innovate@nwtresearch.com](mailto:innovate@nwtresearch.com) to register

## MEET THE INNOVATE TEAM



### JUSTIN PASCAL, INNOVATE TECHNICIAN

**What do I do?**

I help members troubleshoot when the equipment is acting funny and teach members how to use the technology we have here.

**Favourite Piece of Technology?**

The wood working tools; it's fun and a good learning experience.

**What is your favourite INNOVATE project?**

A cutting board made from 2 different types of wood. I jointed and planed the wood, cut them into 1' strips and used wood glue and clamps to join them. After the glue set I used a planner, router, and sandpaper to finish it.



### JUAN BIDEGAIN, INNOVATE TECHNICIAN

**What do I do?**

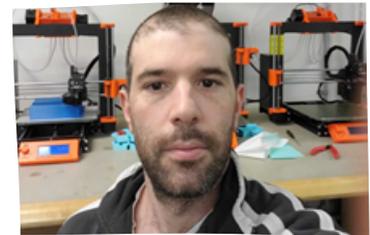
I do preventative maintenance on the equipment and troubleshoot problems that come up. I also train people on how to use the equipment and computer software.

**Favourite Piece of Technology?**

I love everything at the centre but what got me started were the 3D printers, love the little machines!

**What is your favourite INNOVATE project?**

This project of cartoon animal photos was done using the DCS. It took about one hour (including cutting the melamine which is the material that I printed on)



### MARY ANN VILLENEUVE, MAKERSPACE ECOSYSTEM COORDINATOR

**What do I do?**

I connect with communities (across the NWT) to develop partnerships and program ideas. In addition to providing workshops in communities, the INNOVATE Centre can assist with start-up and support makerspaces across the NWT (like the new Makerspace in Tuktoyaktuk!)

**Favourite Piece of Technology?**

I find the DCS (Direct Colour Substrate) printer so amazing. I've seen beautiful t-shirts and posters made by members using the DCS.

**What is your favourite INNOVATE project?**

I made a t-shirt using the cricut machine. I like the cricut because it's easy to learn and a great beginner tool. Simple cricut projects can be completed very quickly, which is nice.





## FEATURED MEMBER: Katelynn Crocker

Katelynn became an INNOVATE member in February 2021; she admits she was a bit nervous to take this step, as she had no previous knowledge of the equipment or possibilities at the centre.

Katelynn began by learning the Cricut (a great beginner-friendly instrument). In the next few months, she impressed staff with how quickly she learned new equipment (including the epilog laser engraver, sublimation printer, wood working tools, and Adobe Illustrator) and was delivering on contracts (and making a profit!) by producing high-quality work.

Katelynn has produced travel mugs, cups, signs, stickers, plaques, t-shirts, poker chips and more (featured in photographs on this page) for businesses and clients in Inuvik and surrounding communities. In addition to learning about the equipment at the centre, Katelynn has been learning what it takes to run her own small business. She's working on her own designs that she hopes to sell in the future.



*"I find myself learning new things every time I come into the center and am always excited to pick up something that I've never tried before. I really enjoy working on Graphic Illustrations which I wouldn't have had the opportunity to do otherwise as I don't have any of the necessary equipment at home." - Katelynn Crocker*

Looking for NWT-made swag for your organization, event, or group? Contact us at [innovate@nwtresearch.com](mailto:innovate@nwtresearch.com) and we'll share your request on our job board!

## TECH TIPS

A question that is often asked when working with the Cricut is **"what type of vinyl do I use?"**

What kind of vinyl do I use? Check out: <https://www.youtube.com/watch?v=IQL2hjj2DkQ>.

How to tell permanent and removable vinyl apart: <https://www.youtube.com/watch?v=ETtJHcKTL58>

## AUGUST IN REVIEW



Last month, four Inuvik Soft-ball Association teams connected with INNOVATE commercial members to create custom apparel for their team. The diversity of techniques is evident in the photos above; three different technologies were used to create the apparel!

From left to right: The KM Smashers shirts were made using the graphtec; both the Tundra Snakes and the Pterible Ptarmigans shirts were created using the Direct-Colour Substrate (DCS) printer; finally, the Barry Pickers used the embroidery machine to add last names to their 2018 ISPA championship jackets.

Sports Tip: It's never too early to start thinking about team apparel and swag for the 2021 - 2022 ball season!

## WHERE TO FIND INNOVATE IN SEPTEMBER



### Town of Inuvik Fall Fair

September 11, 2021

Demonstrations and Draw to win a One-Month membership

### INNOVATE Center for Arts, Crafts and Technology Fall Open House

September 25th, 2021

Stay tuned to our Facebook page for more details!

**Check out our next newsletter (October 2021) to learn more about the Tuktoyaktuk Makerspace.**

## 115 DAYS UNTIL CHRISTMAS

Thinking about Christmas gifts? Holiday Cards? Commemorative Ornaments? INNOVATE can help!

Hobbyist memberships are available at a cost of \$75 per month (you can sign up for as little or many months as you wish). Commercial memberships (along with priority access to machines and technician support) cost \$150 per month. GIFT CERTIFICATES AVAILABLE.