

## **Leveraging the UNB Research Expertise to Achieve Commercial Success**

Presented by:

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# What to Expect

- Conversation on your R&D needs
- Know which researchers to engage
- Support identifying funding to reduce the financial cost to you
- Support in creating funding applications
- Facilitated agreements

Collaborate with a goal of reducing the cost of R&D, getting your product to market faster, and maintaining your technology's cutting edge. Our knowledge of UNB researchers ensures expedited access to relevant expertise.

**We aim to help you **save** resources, **reduce** risk, and **enhance** competitiveness**

# Key Capabilities and HQP Training in:

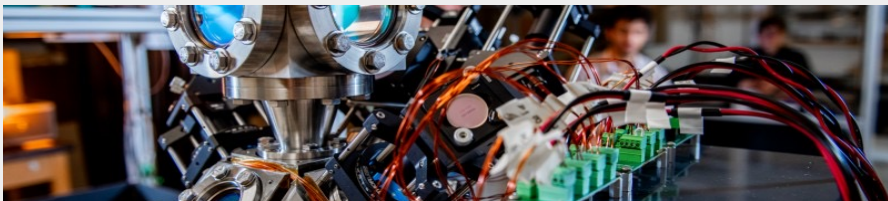
- Advanced Materials
- Armour
- **Artificial Intelligence**
- C4ISR
- Cleantech
- **Cyber Resilience**
- In-Service Support
- **Remotely Piloted / Autonomous Systems**
- Research
- Sonar and Acoustic Systems
- Space Systems
- Training, Modelling and Simulation

# RPAS



**CHALLENGE:** assured positioning, navigation and timing (PNT) in GNSS-denied settings, such as underground, underwater or under adversarial jamming.

- This project will develop sovereign quantum sensing capabilities for assured PNT in GNSS-denied settings
- **Key outcomes** are portable software-enhanced quantum sensors for PNT and Earth observation:
  1. Cold-atom gravimeters for precise gravity mapping;
  2. Atomic vapor-cell clock for ultra-stable timing



# Cyber Resilience

- An Applied Research Lab meeting the needs of the **AEROSPACE INDUSTRY 4.0** in the convergence of the physical and digital worlds that includes **VR** and **AR**
- Educate and Advise the Regional **AEROSPACE** Industry on Spatial Computing Opportunities and Potential through **PRIMARY RESEARCH** and **IP GENERATION**
- An **ADVISORY COMMITTEE** established with **REGIONAL INDUSTRY** to ensure alignment of activity to their needs
- Actively seeking collaborators



## Find us next at:

- **AADC**, Halifax, **Today!**
- **CANSEC**, Ottawa 29–30 May
- **MASS**, St. John's 17–19 July
- **DEFSEC**, Halifax, 1–3 October

## Visit UNB remotely

**Connect with us** to learn how we can provide a real-time engaging remote tour of UNB research facilities, **leveraging the Microsoft HoloLens** platform to provide a secure, interactive, two-way broadcast as you accompany our team on facility tours and consultations.

## Like what you hear?

We're here to help you connect to the research expertise and talent you need to further develop your product offering.

If you're interested in collaborating with us, please reach out to me to set up a time to connect.

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