



## Office of Research Services Handbook

### **Fredericton Campus**

Sir Howard Douglas Hall, Room 215  
3 Bailey Drive  
P.O. Box 4400  
Fredericton, NB  
Canada E3B 5A3  
Tel: (506) 453-4674  
Fax: (506) 453-3522

### **Saint John Campus**

Hazen Hall, Room 224  
100 Tucker Park Road  
P.O. Box 5050  
Saint John, NB  
Canada E2L 4L5  
Tel: (506) 648-5908  
Fax: (506) 648-2318

The Office of Research Services (ORS) at UNB helps connect researchers with funding agencies, industry and government. We promote and facilitate partnerships between UNB, other research organizations and research consumers. ORS handles the transfer of knowledge and technology to industry and other users, while maintaining high ethical standards and financial accountability in research.

ORS also supports faculty members and researchers on both campuses who are seeking research funding by providing support services for grant and contract preparation and submission.

ORS is divided into three divisions to assist you in all stages of the research funding process: Pre-Award Services, Industry-Government Services and Research Financial (Post-Award) Services. These three divisions, along with the Office of the Vice-President (Research) (VPR), are detailed in this handbook.



## Office of the Vice-President (Research)

The **Office of the Vice-President (Research)** (VPR) provides leadership and vision in shaping UNB's strategic research direction and agenda. The office of the VPR develops a higher profile for the full spectrum of research and scholarly activities in all academic units of the university while building on existing areas of research and scholarly activity.

The responsibilities of the Office of the VPR include research ethics, postdoctoral fellows (including Banting Fellowships), university research scholars, honorary research professorships, internal grants (such as non-leave research grants, sabbatical research grants), research ranking and research institutes.

### Research Ethics

There are currently two Research Ethics Boards (REB) at UNB; one on the Fredericton campus and the other in Saint John. All research involving humans must be vetted through the **REB process**.

### Postdoctoral Fellows

All **Postdoctoral Fellows**, whether funded via a researcher's grant/contract or self-funded, must be registered with the Office of the VPR by the Principal Investigator prior to their engagement.

### University Research Scholars

Once a year (fall) the Office of the VPR will put out a call for nominations for this **special designation**. The award is intended for UNB researchers who have demonstrated a consistently high level of scholarship, and whose research is, or has the potential to be, of international stature.

### University of New Brunswick Award for Excellence in Research

Once a year, the Office of the VPR will put out a call for nominations for **this award**. This award is intended for UNB faculty who are representative of outstanding research, scholarly, or creative achievements at UNB.

### Honorary Research Professorships

**This designation** is available to retiring faculty members looking to maintain an affiliation with the university to do research.

### Non-Leave Research Grants

This mechanism offers researchers the option to reclassify part of their salaries as a **research grant**.

### Sabbatical Research Grant

This program permits faculty members going on Sabbatical Leave to convert a part of their salary to a **research grant**.

### Research Ranking

A biennial exercise whereby departments and faculties are given a ranking based on their research performance, this process feeds into the university's Quality Assurance Program.

### Research Institutes

All **Research Institutes** at UNB report directly to the VPR. There are currently seven constituted research institutes in existence.

## Contact Information

**Office:** (506) 453-5189

**Email:** [vpr@unb.ca](mailto:vpr@unb.ca)

**David MaGee**, PhD: Vice-President (Research)  
*Helps shape UNB's strategic research direction and agenda*  
[vpr@unb.ca](mailto:vpr@unb.ca)

**Elizabeth Harrison**: Administrative Assistant  
*Main office reception for VPR/ORS in Fredericton, mail, file maintenance and data entry*  
[eli.harr@unb.ca](mailto:eli.harr@unb.ca)

**Renée Audet-Martel**: Research Administration Officer  
*Coordinator of Ethics, the Postdoctoral Fellowship program, VPR programs, sabbatical and non-leave research grants, and reviewer of Internal VPR Grants*  
[rmartel@unb.ca](mailto:rmartel@unb.ca)

**Amanda Manuel**: Executive Assistant to the VPR  
*Scheduling, administrative support, assistant to the VPR office.*  
[amanda.manuel@unb.ca](mailto:amanda.manuel@unb.ca)

## Office of Research Services (ORS)

This unit falls within the Office of the Vice-President (Research) at the University of New Brunswick and provides both pre-award and post-award support services to faculty members and researchers. ORS also helps connect researchers with funding agencies, industry and government; promotes and facilitates partnerships between UNB and other research organizations; and handles the transfer of knowledge and technology to industry and other users.

### Pre-Award Services

Pre-Award Services acts as a facilitator in dealings between the researcher and our funders. The main functions of this division are to:

- Provide support services for grants and contracts
- Send out research notices about upcoming funding opportunities
- Liaise with research funders
- Provide workshops and information sessions
- Track ethics, animal care, and biohazard compliance approvals

### Research Financial Services

Research Financial Services provides a range of many helpful financial services, such as accounting and financial administration, for all research funding (e.g., grants, contracts, royalties, etc.). The division also communicates and promotes financial and administrative policies and procedures and assists researchers in implementing such policies and procedures, which makes it a useful resource for those requiring assistance with research grants, contracts, and license agreements.

### Industry-Government Services (IGS)

IGS is designed to maximize UNB's input into a sustainable economy in New Brunswick and beyond through the development and transfer of technology and knowledge. IGS facilitates access to UNB for those who wish to tap into its knowledge base and research capabilities.

The two main functions of the IGS office are opportunity development and Technology and Knowledge Transfer.

## Contact Information

**Fredericton:** (506) 453-4674

**Saint John:** (506) 648-5908

**Email:** [ors@unb.ca](mailto:ors@unb.ca)

**Kelly Ashfield**, P. Eng., MBA: Executive Director  
*Responsible for the operation of the Office of Research Services, the development and management of constituted research centres and institutes, and animal care compliance*

[kelly.ashfield@unb.ca](mailto:kelly.ashfield@unb.ca)

**Judy Arseneau:** Administrative Assistant  
*First point of contact in Saint John, Secretary to the Research Ethics Board and Animal Care Committee in Saint John*

[jarsenea@unb.ca](mailto:jarsenea@unb.ca)

**Gale Austin:** Administrative Assistant  
*Administrative support for Industry-Government Services and Research Financial (Post-Award) Services, IRAP Program and special projects*

[gaustin@unb.ca](mailto:gaustin@unb.ca)

**Ashley Doucet:** Acting Research Awards Administrator  
*Certifications, data collection and record maintenance*

[ashley.doucet@unb.ca](mailto:ashley.doucet@unb.ca)

## Pre-Award Services

Pre-Award Services acts as a facilitator in dealings between the researcher and our funders. Researchers are advised to contact ORS **as soon as they have identified a funding opportunity** or wish to engage in contract work with an industry or government partner. ORS often has additional information that is not available to the greater research community.

## Funding Programs

### Internal Funding Programs

- University Research Fund (URF)
- Harrison McCain Foundation Awards (Young Scholar Awards, Visitorship Awards, Visiting Professorship Awards, Grant in Aid of Scholarly Book Publishing)
- Fredrik and Catherine Eaton Awards (Fellowships & Visitorships)
- Grand Lake Meadows Endowment Fund
- Lockheed Martin Cybersecurity Research Fund

### External Funding Programs

- Atlantic Canada Opportunities Agency (ACOA)
- Canada Research Chairs (CRC)
- Canada Foundation for Innovation (CFI)
- Canadian Institutes of Health Research (CIHR)
- Mitacs
- Natural Sciences and Engineering Research Council of Canada (NSERC)
- Networks of Centres of Excellence (NCE)
- New Brunswick Health Research Foundation (NBHRF)
- New Brunswick Innovation Foundation (NBIF)
- Social Sciences and Humanities Research Council of Canada (SSHRC)

For more information regarding specific funding opportunities, please visit the ORS website: <https://www.unb.ca/research/ors/>

## ORS Pre-Submission Review Process

ORS' Pre-Award division assists faculty in preparing research application packages. Staff members work directly with faculty at various stages of the

application process to ensure funders' requirements are met, to edit text, to provide strategic comments, and to aid in the final submission process.

Funding agencies require proposals that are clearly written, in a style suitable for reviewers who must read dozens of applications in a short period of time. A well-written application is more likely to be funded than an application that reviewers struggle to understand.

During the early and mid-stages of the application process, Pre-Award staff can:

- Provide guidance on the funding agency's program requirements.
- Assist with creating a plain-language summary suitable for a general audience.
- Provide direction on the proposal writing process.
- Assist with budget formulation and justification.
- Edit documents to:
  - Create consistent flow and voice when more than one person has contributed writing.
  - Provide constructive feedback on style and formatting.
  - Ensure the language and style is suitable for the intended audience.
  - Improve wording to make the application clear and concise.
  - Correct grammatical and punctuation errors.
  - Eliminate jargon and overly technical language.
- Provide technical assistance with formatting complex documents and using online systems.
- Help prepare institutional letters of support.

At the final stages, Pre-Award staff can:

- Review drafts against the funder's requirements for content and presentation and provide feedback as needed.
- Verify the application is complete before final submission to the funder.

**\*Please submit your application to ORS for review once you have prepared a first draft of the entire application package. The earlier, the better!**

*\*For funding programs with specific deadlines, submission of the complete draft application package is typically due to ORS for review **two weeks prior** to the agency's deadline. For other funding agencies, please contact ORS to determine if an earlier internal deadline applies.*

Applications should be submitted to ORS via email and should include the following:

1. *The funding agency and program to which you are applying.* Provide a link to the program's website if it is not a tri-council application.
2. *Digital copies of the application files.* Microsoft Word is the preferred format for any free-form attachments. Working with Word files allows ORS to easily and clearly indicate revisions using track changes, which reduces the time required for you to implement edits. Online forms can be sent in Adobe PDF format.

When feedback is provided, you will be given a *Next Steps Checklist* to help you finalize and submit your application.

### **Signatures**

The institutional signing authority for all documentation related to research funding (e.g., grants, contracts, contribution agreements) is the President of the University or a delegate (i.e., the Vice-President (Research) or the Executive Director of ORS).

### **Contact Information**

**Fredericton:** (506) 453-4674

**Saint John:** (506) 648-5908

**Email:** [ors@unb.ca](mailto:ors@unb.ca)

**Ana Espejo:** Manager of Pre-Award Services

*Harrison McCain Foundation, Fredrik & Catherine Eaton, Grand Lake Meadows and University Research Fund programs; support to large research grants and office management*

[espejo@unb.ca](mailto:espejo@unb.ca)

**Samantha Frampton:** Grant Facilitator

*Social Sciences and Humanities Research Council of Canada (SSHRC), Canadian Institutes of Health Research (CIHR), New Brunswick Health Research Foundation (NBHRF) & other SSH and Health programs.*

[samantha.frampton@unb.ca](mailto:samantha.frampton@unb.ca)

**Cindy Gillet:** Senior Grant Facilitator

*Canada Foundation for Innovation (CFI) infrastructure and equipment grants.*

[cgillet@unb.ca](mailto:cgillet@unb.ca)

**Reid Lodge:** Grant Facilitator

*Natural Sciences and Engineering Research Council (NSERC) & other NSE programs, New Brunswick Innovation Foundation (NBIF)*

[reid.lodge@unb.ca](mailto:reid.lodge@unb.ca)

**Tracey McCarthy:** Acting Agreements Support Officer

*Agreements: transfer agreements, federal and provincial service agreements, including some tri-council agreements*

[traceymc@unb.ca](mailto:traceymc@unb.ca)

**Heidi Van Wart:** Senior Grant Facilitator

*Canada Research Chairs (CRC), Canada Excellence Research Chairs (CERC), non-CRC Chair programs, and other large research grants programs.*

[heidi.vanwart@unb.ca](mailto:heidi.vanwart@unb.ca)

**Michelle Webber:** Acting Agreements Support Officer

*Federal, provincial and municipal agreements; industrial contracts, service and contribution agreements*

[mwebber@unb.ca](mailto:mwebber@unb.ca)

## Industry-Government Services

Industry-Government Services (IGS) focuses on maximizing UNB's input into a sustainable economy in New Brunswick and beyond through the development and transfer of technology and knowledge. IGS facilitates access to UNB for those who wish to tap into UNB's knowledge base and research capabilities.

The two main functions of the IGS office are:

1. Opportunity Development/Research Partnerships:
  - Promote and facilitate partnerships between UNB and other interested parties (industry, government, non-government organizations, universities or other research organizations).
  - Assist with sourcing research funding.
2. Technology and Knowledge Transfer:
  - Manage and assess invention disclosures
  - Coordinate IP assignments
  - Manage patents and other intellectual property (IP).
  - Negotiate, prepare, and administer technology and knowledge transfer agreements.
  - Commercialize UNB-owned IP.

IGS is guided by the idea that UNB has a role with industry, government and others to support a stronger, healthier and more innovative New Brunswick and Atlantic Canada.

The strategy and commitment of Industry-Government Services is to:

- Process requests and supply follow up support services.
- Identify research funding and collaboration opportunities.
- Expand the number of faculty participants.
- Maintain open and regular communications to remain abreast of development strategies and to plan supporting activity.
- Effectively identify technologies with commercialization potential, and expedite their transfer to industry.

## Ways to Partner

Knowledge and technology transfer is conducted at the University of New Brunswick in the following ways – ***All of which provide opportunities for reducing risks and lowering the costs of doing research.***

**Service Contracts:** Access researchers and technical staff on both campuses to help solve problems, conduct studies, develop models, etc.

**Development Agreements:** Bring technology to the table or outline an idea to develop a specific technology that results in new or joint intellectual property (IP) and new products.

**License Agreements:** Access available UNB-developed technologies through various forms of license.

**Technology Assessments:** Access a researcher to assess a technology or new product/capability.

**Company Spin-Offs:** Students, staff and researchers often consider spinning off a company from a technology developed at UNB.

### Key Points

**\*Do NOT sign anything – In order for an agreement to be binding, all documents must be signed by the VPR or an authorized ORS representative on behalf of UNB. This authority is granted only by the President.**

**\*A Non-disclosure Agreement (NDA) should be in place before discussing confidential and/or potentially valuable commercial information.**

**\*If you are unsure of any aspect of the research realm and/or university policy, please call (506) 453-4674 or refer to the [IGS website](#).**

## Technology Transfer Steps



## Intellectual Property (IP) at UNB

Inventors (faculty, staff, students) have the option of assigning right, title, and interest in their IP to UNB, in exchange for access to funding, IP protection, commercialization assistance, the drafting and monitoring of agreements, and a share of commercialization proceeds. It is important to investigate, discuss, and document IP ownership in the early stages of a project, to help manage expectations and avoid future disagreements.

The Industry-Government Services group can assist inventors with the following items:

- **IP Ownership:** Advise on the different collective agreements, policies, and guidelines that affect IP ownership for faculty, staff and students at UNB.
- **Inventorship:** Explain the differences between inventors and contributors and how these differences impact patent applications, assignment agreements, etc.
- **IP Protection:** Identify and define different types of intellectual property and methods for protecting this IP (such as patents, trade-marks, etc.).
- **Patenting Best Practices:** Advise on best practices related to patenting, including keeping information confidential, publication and disclosure guidelines, timelines, costs, etc.

- **Commercialization Process:** Manage the process (internal steps) involved in protecting and commercializing intellectual property when inventors assign their IP to UNB.

Please visit the [Technology and Knowledge Transfer](#) and [Intellectual Property](#) sections of the Research website for additional information on IP policies.

## Contact Information

**Fredericton:** (506) 458-7188

**Saint John:** (506) 648-5908

**Email:** [partner@unb.ca](mailto:partner@unb.ca)

**Hart Devitt:** Director of Industry and Government Services  
*Responsible for research and commercialization opportunities development, knowledge and technology transfer and commercialization activities, and agreements; including ACOA programs*  
[hdevitt@unb.ca](mailto:hdevitt@unb.ca)

**Nicole Baker:** Research Services Counsel  
*Legal advice, developing and reviewing policy, and developing, reviewing, and negotiating custom agreements for research-related activities*  
[nicole.baker@unb.ca](mailto:nicole.baker@unb.ca)

**Carolyn Christensen:** Agreements Officer  
*developing, reviewing, and negotiating agreements for funded and non-funded industry-research partnerships (e.g. memorandums of understanding, non-disclosure, material transfer, intellectual property, collaborative research agreements), commercialization activities (e.g. licenses), and other custom agreements for research-related activities.*  
[carolyn.christensen@unb.ca](mailto:carolyn.christensen@unb.ca)

**Matthew Douglass:** Technology Transfer Officer  
*Research and commercial partnership development, technology transfer and commercialization activities, research outreach.*  
[m.douglass@unb.ca](mailto:m.douglass@unb.ca)

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**Jeremy Elder-Jubelin:** Marketing and Communications Officer for ORS/VPR Office

*Responsible for marketing and communications plans, networking events, information sessions/workshops, news releases, media advisories/outreach, market assessments.*

[j.elder@unb.ca](mailto:j.elder@unb.ca)

**Veerle Hellemans:** Technology Transfer Officer

*Research and commercial partnership development, technology transfer and commercialization activities, research outreach.*

[veerle.hellemans@unb.ca](mailto:veerle.hellemans@unb.ca)

**Sara K. Tennant:** Policy and Research Analyst

*Responsible for development and drafting of University research related policies and associated documents.*

[sara.tennant@unb.ca](mailto:sara.tennant@unb.ca)

**Brennan Sisk:** Technology Transfer Officer

*On secondment until 2021*

## Research Financial (Post-Award) Services

The main functions of our Research Financial Services division of the Office of Research Services are to:

- Provide oversight of research funds, including administering account opening (grants and contracts), monitoring balances and eligible activity, reviewing transactions for approval, financial reporting to external funding bodies and senior management, and developing and promoting funding agency and UNB policies and procedures.
- Provide information and advice to the research community on account/project specific queries, as well as general procedural or policy queries.

**\*Researchers have access to their account information via Datatel and e-Services.** If anyone would like training, please contact ORS, and we'll be happy to help.

**\*Research accounts include funds 40-59, inclusive.** All queries for these accounts should come to ORS.

\*If a researcher would like the departmental secretary to have access to their account(s), they should contact Jill Gallagher in Financial Services (cc Charlotte McIntosh – Manager, Research Funds)

For more information regarding financial policies and guidelines, please visit the Research Financial Services section on the ORS website:

<https://www.unb.ca/research/ors/financial.html>

### Contact Information

**Office – Fredericton:** (506) 453-3558

**Office – Saint John:** (506) 648-5964

**Email:** [orsfinhelp@unb.ca](mailto:orsfinhelp@unb.ca)

**Charlotte McIntosh, CPA, CGA:** Manager, Research Funds  
*Overall oversight of financial and compliance activity; formal liaison with Financial Services; research statistics and financial statements; policy and procedure formulation and enforcement; VPR funding commitments*  
[charlott@unb.ca](mailto:charlott@unb.ca)

**Christy Borgald:** Financial Analyst

*NBIF Research Assistantships Initiative; AARMS; MITACS; New Brunswick Wildlife Council/New Brunswick Wildlife Trust Fund (NBWC/NBWTF); all other miscellaneous grants*

[christy.borgald@unb.ca](mailto:christy.borgald@unb.ca)

**Angela Cushing:** Financial Analyst

*ACOA and related files*

[acushing@unb.ca](mailto:acushing@unb.ca)

**Shelley Eastwood-Currier:** Financial Analyst

*Research contracts, NBIF Innovation Voucher Fund, various federal, provincial, and industry contribution agreements, departmental overhead, and PI Research Trust*

[scurrier@unb.ca](mailto:scurrier@unb.ca)

**Stefanie Effinger:** Account Control and Compliance Administrator

*Reviews all transactions on Fredericton research accounts for available funding, project eligibility and appropriateness; internal control, systems support, process review and statistical analysis for all research accounts; funding from Harrison McCain Fellowships; Grand Lake Meadows, and internal UNB research funding programs*

[seffinge@unb.ca](mailto:seffinge@unb.ca)

**Tania Jones:** Financial Administrator

*Springboard Atlantic funding from ACOA and other grants; collecting metrics information from members*

[taniaj@unb.ca](mailto:taniaj@unb.ca)

**Kara MacGillivray:** Financial Analyst

*Tri-Council; Canada Research Chairs; University Research Fund; NB Environmental Trust Fund*

[kara@unb.ca](mailto:kara@unb.ca)

**Tammy Mullin:** Financial Analyst

*Canada Foundation for Innovation, NBIF Research Technicians Initiative, NBIF Research Innovation Fund, NBIF Industrial Research Chairs, NBHRF, Networks for Centres of Excellence, Atlantic Salmon Conservation Foundation, Harrison McCain Fellowships and Eaton Visitorships, various federal, provincial and industry contribution agreements, a variety of lab and testing accounts*

[tmullin@unb.ca](mailto:tmullin@unb.ca)