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Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

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# Job Board Posting



Careers.Indigenous.Link

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## Research Officer (Astronomer) - Canadian Gemini Office / Agent Ou Agente De Recherches (astronome)

**Job ID** 39-03-55-42-FE-74

### Web Address

<https://careers.indigenous.link/viewjob?jobname=39-03-55-42-FE-74>

**Company** National Research Council Canada

**Location** Victoria, British Columbia

**Date Posted** From: 2022-05-16 To: 2022-06-30

**Job** Type: Full-time Category: Engineering

**Job Salary** From \$105,785 To \$123,393 Per Annum

**Languages** English

### Description

Help bring research to life and drive your career forward with the National Research Council of Canada (NRC), Canada's largest research and technology organization.

We are looking for an early career Research Officer (Astronomer) in a continuing position at NRC's Herzberg Astronomy and Astrophysics Research Centre (HAA). The Research Officer (Astronomer) would be someone who shares our core values of Integrity, Excellence, Respect and Creativity.

The position will be within the Canadian Gemini Office (CGO), located at its Dominion Astrophysical Observatory (DAO) campus just outside of Victoria, BC, Canada. The CGO provides support to the Canadian community in their use of the 8-m twin Gemini North and South telescopes, located in Hawai'i and Chile, respectively. Salary will be commensurate with the successful applicant's qualifications and experience. The position is expected to start no later than 01 December 2022.

As part of the CGO, the successful applicant will conduct original research, preferably but not exclusively with the Gemini Observatory. HAA has recently identified three key areas in which it would like to expand its expertise, The Dark Universe (Dark Matter and Energy); Extreme Objects, Time-Domain, and Multi-Messenger Astronomy; and Exoplanets. Preference will be given to applicants whose astrophysics research overlaps with these particular areas.

Support duties within the CGO may include: keeping the community informed of the capabilities and opportunities with Gemini, technical advice to proposers and technical evaluation of proposals, support for the creation of Phase 2 detailed observing programs; providing support to Gemini users for data reduction of optical imaging and spectroscopy data; responding to Helpdesk requests; providing scientific and technical expertise to our stakeholders (the Canadian astronomical community and the Gemini partnership) through participation in the CGO duties and representing the CGO at the international level; regular visits for observing at either Gemini Telescope and learning about new instrumentation and techniques; and preparation of material for outreach and public talks. The successful applicant will be a member of HAA's scientific staff and hence will be encouraged to provide scientific guidance to the capabilities of all of Canada's current or future observatories.

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Contribuez a la realisation de travaux de recherche strategiques et poursuivez une carriere prometteuse au Conseil national de recherches du Canada (CNRC), la plus grande organisation de recherche et de technologie au Canada.

Nous sommes a la recherche d'une personne en debut de carriere pour occuper un poste permanent d'agent de recherches (astronome) au Centre de recherche Herzberg en astronomie et astrophysique (HAA) du CNRC. La personne choisie doit partager nos valeurs fondamentales relatives a l'integrite, a l'excellence, au respect et a la creativite.

La personne retenue travaillera au sein du Bureau canadien de Gemini, situe sur le campus de l'Observatoire federal d'astrophysique, pres de Victoria (Colombie-Britannique, Canada). Le Bureau canadien de Gemini offre un soutien a la communaute canadienne dans son utilisation des telescopages de 8 metres des deux observatoires Gemini Nord et Sud, situes respectivement a Hawaï et au Chili. Le salaire sera proportionnel aux qualifications et a l'experience de la personne retenue et elle devra commencer au plus tard le 1er decembre 2022.

Dans le cadre du Bureau canadien de Gemini, la personne retenue menera des recherches originales, de preference, mais pas exclusivement a l'Observatoire Gemini. Le Centre de recherche HAA du CNRC a recemment cerne trois domaines cles dans lesquels il aimerait etendre son expertise : l'univers non visible (matiere et energie noires); les objets extremes, les phenomenes transitoires et l'astronomie multimessagers; les exoplanetes. La preference sera accordee aux candidats dont les recherches en astrophysique recoupent ces domaines particuliers.

Voici quelques taches de soutien au Bureau canadien de Gemini : tenir la communaute au courant des capacites et des occasions avec Gemini, fournir des conseils techniques aux auteurs et une evaluation technique des propositions, soutenir la creation de programmes d'observation detailles pour la phase 2, soutenir les utilisateurs de Gemini pour la reduction des donnees d'imagerie optique et de spectroscopie, repondre aux demandes du service de depannage, fournir une expertise scientifique et technique a nos intervenants (communaute des astronomes canadiens et consortium Gemini) en participant aux fonctions du Bureau canadien de Gemini et en le representant a l'echelle internationale, effectuer des visites regulieres pour observer l'un ou l'autre des telescopages Gemini et en apprendre davantage sur les nouveaux instruments et les nouvelles techniques, et preparer des documents pour la sensibilisation et les discussions publiques. La personne retenue sera membre du personnel scientifique du Centre de recherche HAA du CNRC et sera donc encouragee a fournir des conseils scientifiques sur les capacites de tous les observatoires actuels et futurs du Canada.

### **Experience**

A minimum of two years of postdoctoral research experience.

Extensive observing experience using large optical telescopes.

Experience in reducing and analysing optical data from major optical telescopes, including multi-object spectroscopy and IFUs.

A clear record of impactful astronomical research papers in the refereed scientific literature.

Experience in providing user support to observational astronomers.

Experience in high-resolution optical spectroscopy would be considered an asset.

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Au moins deux ans d'experience en recherche postdoctorale.

Vaste experience de l'observation a l'aide de grands telescopages optiques.

Experience de la reduction et de l'analyse de donnees optiques provenant de telescopes optiques majeurs, y compris la spectroscopie multiobjet et les spectrometres a champ integral (IFU).

Un dossier impeccable de rapports de recherche astronomique percutants dans la documentation scientifique evaluee par les pairs.

Experience de la prestation d'un soutien aux astronomes observateurs.

Experience de la spectroscopie optique a haute resolution serait consideree comme un atout.

### **Education Requirements**

PhD in astronomy/physics or related field.

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Doctorat en astronomie, en physique ou dans un domaine connexe.

### **Essential Skills**

Advanced knowledge of current observational techniques in optical astronomy, and of associated data reduction techniques and interpretation of such data, including for multi-object spectroscopy and IFUs.

Strong abilities in providing user support to observational astronomers on a major optical observatory in person, videoconferencing, emails and/or Helpdesk.

The ability to conceive, conduct, and publish independent astrophysical research of international caliber.

Clear oral and written communication skills.

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Connaissance approfondie des techniques d'observation actuelles en astronomie optique, ainsi que des techniques de reduction de donnees connexes et de l'interpretation de ces donnees, y compris pour la spectroscopie multiobjet et les IFU.

Capacite marquee de fournir un soutien utilisateur aux astronomes observateurs dans un grand observatoire optique en personne, par videoconference, par courriel ou par un service de depannage.

Capacite de concevoir, de realiser et de publier des rapports de recherche astrophysique independante de renommee internationale.

Excellentes habiletés de communication verbale et écrite.

### **How to Apply**

Click "Apply Now"