

Posting #25-001AC

Postdoctoral Fellowship – 2 Positions Available

Department of Mathematics and Statistics

Faculty of Science and Engineering

Term, Full-time

(August 2025 – July 2027)

Purpose

The Department of Mathematics and Statistics at the University of Northern British Columbia invites applications for two postdoctoral positions. These positions are open for researchers with interests in either partial differential equations (PDE) or number theory. Both positions are two-year positions, with renewal for the second year subject to satisfactory performance.

Responsibilities

The first postdoctoral position is open for researchers with interests in PDE's and reaction-diffusion systems, with applications in areas such as mathematical ecology and mathematical biology. The successful candidate will be actively involved in various research projects with Dr. Mohammad El Smaily and Dr. Chunyi Gai.

The second postdoctoral position is open for researchers with interests in analytic number theory, analytic theory of L -functions, automorphic forms, arithmetic geometry, and arithmetic statistics. The successful candidate will be actively involved in various research projects with Dr. Alia Hamieh and Dr. Stanley Xiao.

We encourage you to apply if you have experience and familiarity with these topics.

The fellowship also includes a teaching component, requiring the successful candidate to teach two courses per year.

Qualifications

The successful candidate should hold a PhD or equivalent degree or expect to receive one before July 1, 2025. The position typically requires a PhD obtained in 2023 or later; however, if your PhD was obtained before 2023, we invite you to describe your career trajectory including any interruptions in your cover letter.

Salary

The annual salary will be \$55,000.00.

Normal hours of work will be 8:00 am – 4:00 pm Monday – Friday.



Our Commitment to Diversity and Employment Equity

The University of Northern British Columbia is fully committed to creating and maintaining an equitable, diverse, and inclusive environment that is accessible to all. We are devoted to ensuring a welcoming, safe, and inclusive campus free from harassment, bullying, and discrimination. This commitment is woven into our motto and mission. In the Dakelh language, UNBC's motto 'En Cha Huná translates to "they also live" and means respect for all living things. Through the respect for all living things, we are able to grow and learn better together, each bringing our own unique individual differences and contributions to inspire leaders for tomorrow by influencing the world today.

Employment equity requires that we remove barriers and overcome both direct and indirect discrimination. In this way, the pool of excellent candidates increases substantially. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.

About the Community

Since its founding in 1990, the University of Northern British Columbia (UNBC) has emerged as one of Canada's best small research-intensive universities, with a passion for teaching, discovery, people, and the North. UNBC's excellence is derived from community-inspired research, hands-on learning, and alumni who are leading change around the world.

Since time immemorial, Indigenous peoples have walked gently on the diverse traditional territories where the University of Northern British Columbia community is grateful to live, work, learn, and play. We are committed to building and nurturing relationships with Indigenous peoples, we acknowledge their traditional lands, and we thank them for their hospitality. UNBC's largest campus in Prince George is located on the traditional unceded territory of the Lheidli T'enneh, in the spectacular landscape near the geographic centre of beautiful British Columbia.

UNBC consistently ranks in the top three in its category in the annual Maclean's university rankings. UNBC also recently placed among the top five per cent of higher education institutions worldwide by the Times Higher Education World University Rankings.

With a diverse student population, the University is friendly, inclusive, and supportive. Prince George is a city of ~80,000 people with impressive cultural, educational, and recreational amenities. For more information about living and working in Prince George, please refer to <http://www.unbc.ca/experience> and <https://moveupprincegeorge.ca>. Make your mark with this leading post-secondary institution.

To Apply

The University of Northern British Columbia is committed to employment equity and encourages applications from the four designated groups (women, Indigenous peoples, persons with disabilities, and members of visible minorities) as well as the 2SLGBTQ+ communities and individuals with intersectional identities.

Persons with disabilities, who anticipate needing accommodation for any part of the application and hiring process, may contact UNBC Health & Wellbeing at employeeewellbeing@unbc.ca. Any personal information provided will be maintained in confidence.



Your application should include the following documents: a cover letter; a research statement including a list of publications; a teaching statement; a curriculum vitae; and the names and email addresses of at least three reference letter writers. One of the references should address your teaching experience.

Please forward your application and include the competition number #25-001AC in the subject line to:

Human Resources, University of Northern British Columbia,
3333 University Way, Prince George, BC, V2N 4Z9

Email submissions: HRecruit@unbc.ca
Inquiries: (250) 960-5521

If you have any questions, please contact the Chair of the Department: Dan.Ryan@unbc.ca

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. We thank all applicants for their interest in UNBC however, only those applicants selected for further consideration will be contacted.

Priority will be given to applications received by June 27, 2025. Applications will be accepted until the position is filled.