

Posting #24-003AC

**Postdoctoral Fellowship
Department of Mathematics and Statistics - Faculty of Science
and Engineering
Term, Full-time
(August 2024 – July 2025)**

Purpose

The position is open for researchers with interests in either partial differential equations (PDE) or number theory.

Responsibilities

The successful candidate will conduct research in either partial differential equations (PDE) or number theory and teach two mathematics courses. If the candidate's research interest is in number theory, they will be actively involved in various research projects with Dr. Alia Hamieh and Dr. Stanley Xiao on topics in analytic number theory, analytic theory of L-functions, arithmetic geometry, and arithmetic statistics. If the candidate's research is in PDE or related fields, they will be actively involved in various research projects with Dr. Mohammad El Smaily on topics in reaction-diffusion equations, nonlocal diffusion, mathematical ecology, and traveling waves. We encourage you to apply if you have experience and familiarity with these topics.

Qualifications

The successful candidate will possess a PhD or equivalent degree or expect to receive one before July 1, 2024. The position typically requires a PhD obtained in 2021 or later; however, if your PhD was obtained before 2021, we invite you to describe your career trajectory including any interruptions in your cover letter.

Salary

Salary will be commensurate with education and experience. The starting salary will be \$50,000.00.

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. All qualified applicants will receive consideration for employment without regard to race, colour, religion, sex, place of origin, age, physical disability, mental disability, sexual orientation, gender identity, and any other prohibited grounds of discrimination as outlined in the BC Human Rights Code.

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 LGBTQ2+ 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 wellbeing@unbc.ca. Any personal information provided will be maintained in confidence.

Please forward your application, including: 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 with one of the references should address your teaching experience, quoting competition #24-003AC 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 are interested or have any questions, please contact Dr. Dan Ryan mathstats-chair@unbc.ca. We will begin reviewing applications after **May 15, 2024**.

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 May 15, 2024. Applications will be accepted until the position is filled.

