
 Position Announcements

University of
Waterloo



**Department of Applied
Mathematics
Tenure Track Position
in Computational
Mathematics**

The Department of Applied Mathematics, University of Waterloo, invites applications for a tenure-track faculty position in the field of scientific computing and computational mathematics, to begin on or after July 1, 2004. The position is at the Assistant Professor level and salary will be commensurate with experience and research record (in exceptional cases, an appointment at a higher level may be possible). Applicants should have as their primary interest the development and analysis of algorithms for the effective computer solution of fundamental problems in science and engineering. We are particularly interested in applicants whose area of application is in biomechanics, control theory, mathematical imaging, mathematical biology or stochastic processes, although exceptionally qualified applicants in other areas may also be considered. Candidates should show evidence of outstanding potential in research and should have a strong mathematical background. We are looking for applicants with enthusiasm for the supervision of graduate students and for teaching at both the undergraduate and graduate level. Applicants should send a curriculum vitae (including a statement of research interests and teaching philosophy) and the names and addresses of at least three referees to **J. Wainwright, Chairman, Department of Applied Mathematics, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1**. The deadline for receiving applications is **December 1, 2003**. Applications received after this date will be considered only if the position has not been filled.

The above position is being advertised, in conjunction with similar ones across the Faculty of Mathematics, as part of a major expansion in the area of scientific computing and computational mathematics. This expansion will include the creation of a Centre for Computational Mathematics in Industry & Commerce, which will oversee the recently introduced program in Computational Mathematics at the undergraduate level, and a significant growth in graduate studies in the area. The Department of Applied Mathematics, together with the Departments of Combinatorics & Optimization, Pure Mathematics, Statistics & Actuarial Science and the School of Computer Science, form the Faculty of Mathematics, which is a major centre for research in the mathematical sciences. There are also close collaborations with the Faculties of Engineering and Science in the University and with the nearby Perimeter Institute of Theoretical Physics. Further information about the Department may be obtained from our AM webpage <http://www.math.uwaterloo.ca/AMDept/index.shtml>.

The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. This appointment is subject to the availability of funds.

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University of
Waterloo



**Department of Applied
Mathematics
Tenure Track Position
in Mathematical Physics**

Applications are invited for a tenure-track faculty position in the Department of Applied Mathematics at the University of Waterloo, in the field of Mathematical Physics, to begin on or after July 1, 2004. The position is at the Assistant Professor level and salary will be commensurate with experience and research record (in exceptional cases, an appointment at a higher level may be possible). We are particularly interested in applicants in the areas of quantum theory (preferably, but not limited to, quantum information theory) or statistical physics. Candidates should show evidence of outstanding potential in research and should have a strong background in both mathematics and physics. We are looking for applicants with enthusiasm for the supervision of graduate students and for teaching at both the undergraduate and graduate level. Waterloo is developing into a very active and large centre for research in Mathematical Physics. In particular, the successful applicant may be considered for an Associate Membership at the independent Perimeter Institute for Theoretical Physics <http://www.perimeterinstitute.ca/>. The successful applicant may also become a member of the Institute for Quantum Computation at the University of Waterloo. Applicants should send a curriculum vitae (including a statement of research interests and teaching philosophy) and the names and addresses of at least three referees to **J. Wainwright, Chairman, Department of Applied Mathematics, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1**. The deadline for receiving applications is **January 15, 2004**. Applications received after this date will be considered only if the position has not been filled.

The Department of Applied Mathematics is part of the Faculty of Mathematics, which is a major centre for research in the mathematical sciences. The Faculty also includes the Department of Pure Mathematics, the Department of Combinatorics and Optimization, the Department of Statistics and Actuarial Science, as well as the School of Computer Science. We maintain close ties with the Faculties of Science and Engineering regarding both research and teaching, and we offer a joint undergraduate program in Mathematical Physics with the Department of Physics. Further information about the Department may be obtained from the Applied Mathematics homepage <http://www.math.uwaterloo.ca/AMDept/index.shtml>.

The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. This appointment is subject to the availability of funds.

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 Position Announcements



UNIVERSITÉ YORK UNIVERSITY

Faculty of Pure and Applied Science Applied Mathematics

Applications are invited for an NSERC University Faculty Award, at the Assistant Professor level in the Department of Mathematics and Statistics to commence July 1, 2004. Applications in the areas of Computational or Industrial Mathematics will be considered. The successful candidate must have a PhD and is expected to have a proven record of research excellence, and superior teaching ability. Preference will be given to candidates who can strengthen existing areas of present and ongoing research activity. All positions at York are subject to budgetary approval and the selection process will begin **September 22, 2003**. Applicants should send resumes and arrange for three letters of recommendation (one of which should address teaching) to be sent directly to:

UFA Applied Math Search Committee
 Department of Mathematics and Statistics
 York University
 4700 Keele Street
 Toronto, Ontario
 Canada M3J 1P3
 Fax: 416-736-5757
 Email: ufa-appl.recruit@mathstat.yorku.ca
www.math.yorku.ca/Hiring

The UFA program is directed to women and aboriginal peoples. York University is an Affirmative Action Employer. The Affirmative Action Program can be found on York's website at www.yorku.ca/acadjobs or a copy can be obtained by calling the affirmative action office at 416-736-5713. All qualified candidates are encouraged to apply; however, Canadian citizens and Permanent Residents will be given priority.

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UNIVERSITÉ YORK UNIVERSITY

School of Analytic Studies and Information Technology Atkinson Faculty of Liberal and Professional Studies Mathematics

The School of Analytic Studies and Information Technology, Atkinson Faculty of Liberal and Professional Studies invites applications for a full-time tenure track position in mathematics at the assistant professor level effective July 1, 2004. All positions at York University are subject to final budgetary approval.

The School brings together the disciplines of Economics, Mathematics, Information Technology, Science and Technology Studies (Natural Science), and Philosophy in a way that respects their individual academic disciplines. At the same time, the School utilizes an integrated analytical and critical approach to teaching across all program areas. More information on the School and its programs is available at www.yorku.ca/SASIT/

The Mathematics Program is seeking a candidate with research and teaching strengths in algebra or analysis. The position involves graduate teaching and supervision, as well as undergraduate teaching and research. Applicants must have a PhD in mathematics; candidates should show excellence or promise of excellence in teaching and in scholarly research and publication as well as show potential to be appointed to the Faculty of Graduate Studies. Salary will be commensurate with qualifications and experience.

The deadline for receipt of completed applications is **December 1, 2003**. Applications will be accepted until the position is filled.

York University is an Affirmative Action Employer. The Affirmative Action Program can be found on York's website at www.yorku.ca/acadjobs or a copy can be obtained by calling the affirmative action office at 416-736-5713. All qualified candidates are encouraged to apply; however, Canadian citizens and Permanent Residents will be given priority.

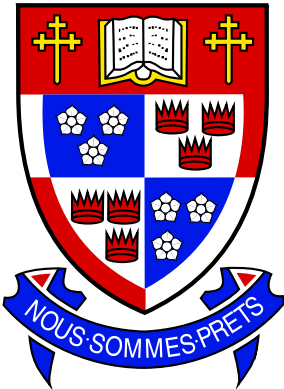
A letter of application with up-to-date curriculum vitae, a statement of research and teaching interests, three letters of reference (at least one letter should address teaching), and teaching evaluations should be sent to:

Professor Augustine Wong, Coordinator Mathematics
SASIT 2064 TEL Building
York University
4700 Keele Street
Toronto ON M3J 1P3

fax: 416.736.5188
email: august@yorku.ca



 Position Announcements



Simon Fraser University

Department Of Mathematics

Position in Applied and Computational Mathematics

The Department of Mathematics at Simon Fraser University invites applications for a tenure-track position in applied and computational mathematics at the Assistant Professor level starting September 1, 2004. We seek an applicant with an outstanding, independent research program and a strong commitment to undergraduate and graduate teaching who will contribute to an active, innovative research group. Where appropriate, candidates may be considered for nomination as a Canada Research Chair.

We are particularly looking for candidates in the area of applied analysis and nonlinear partial differential equations who will be able to complement current strengths. However, all qualified candidates in applied mathematics are encouraged to apply. The department's applied mathematics web page can be found at <http://www.math.sfu.ca/applmath/>

Simon Fraser University is committed to employment equity and encourages applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities. Canadians and permanent residents will be given priority. Applications, including a statement of interest, a curriculum vitae, and descriptive statements on research plans and teaching activities, should be sent by **December 15, 2003**, to:

Applied Search
 Department of Mathematics
 8888 University Drive
 Simon Fraser University
 Burnaby, BC V5A 1S6
 Canada
 Email: appliedsearch@math.sfu.ca

Applicants should arrange for at least three letters of recommendation to be sent to the same address by the closing date.

Late applications may be considered at the discretion of the search committee. We thank all applicants in advance; only those short-listed will be contacted.

The position is subject to final budgetary approval.

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**Department of Mathematics &
Statistics
Canada Research Chair in
Applied Mathematics
or Applied Statistics**

The University of Guelph seeks applications or nominations to fill a Tier II Canada Research Chair (CRC) position in applied mathematics or applied statistics. The Chair will be expected to actively participate in the graduate program, which currently emphasizes: Biomathematics, Biostatistics, Dynamical Systems, Linear Models and Computational Statistics, Numerical Analysis, Optimization, Survival Analysis. The Department currently has 24 faculty, offering strong teaching and research programs to the PhD degree. Research programs are enhanced by faculty and graduate student participation in the Fields Institute for Research in Mathematical Sciences. The Department anticipates developing strong links with the Perimeter Institute. In addition, faculty are active participants of several projects in the Mathematics of Information Technology and Complex Systems (MITACS) research network and the Shared Hierarchical Academic Research Computing Network (SHARCNET). Further information concerning the department is available at <http://www.mathstat.uoguelph.ca/>. The candidate's research should complement the University of Guelph Strategic Research Plan, which can be found at http://www.uoguelph.ca/research/policies/Adobe/Guelph_SRP_Summary.pdf.

The Canada Research Chair program was established by the Government of Canada to enable Canadian universities to achieve the highest levels of research excellence in the global, knowledge-based economy. The five-year once renewable tier II Chairs will be filled by candidates who are acknowledged to have the potential to lead their research field. Further information on the CRC Program may be found at the program website at <http://www.chairs.gc.ca/>

The successful candidate will be expected to maintain a vigorous research program, to develop a strong graduate program and to teach, at a reduced level, both graduate and undergraduate courses. Applications or nominations should include a curriculum vitae, a five-year research plan and the names of four references. Forward applications to:

Dr. O.B. Allen
Department of Mathematics and Statistics
University of Guelph
Guelph, ON Canada N1G 2W1

Fax: 519-837-0221
Email: ballen@uoguelph.ca

Applications or nominations will be considered until the position is filled, but initial consideration of applications will begin **15 December 2003**. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. All CRC appointments are subject to review and final approval by the CRC Secretariat in Ottawa.

The University of Guelph is committed to an employment equity program that includes special measures to achieve diversity among its faculty and staff. We therefore particularly encourage applications from qualified aboriginal Canadians, persons with disabilities, members of visible minorities and women.



 Position Announcements



Memorial
University of Newfoundland

**Department of
Mathematics &
Statistics**

The Department of Mathematics and Statistics at Memorial University of Newfoundland invites applications for one tenure-track position (subject to budgetary approval) at the Assistant Professor level in Applied Mathematics starting September 1, 2004. A PhD in Mathematics or Mathematical Physics is required at the time of appointment.

Outstanding applications from all areas of applied mathematics including general relativity will be considered. The possibility of collaboration with current department members will be a strong asset.

All applicants are expected to demonstrate the potential to be excellent undergraduate and graduate teachers, and possess a strong research record with outstanding promise for future research.

Review of applications will begin **December 1, 2003** and continue until suitable candidates have been identified. Candidates should submit a Curriculum Vitae, a description of research interests and academic goals, a description of their teaching interests, experience and philosophy, and selected (pre)reprints of publications. They should also arrange for three confidential letters of recommendation, at least one of which deals with teaching, to be sent to:

MS/AMAT/03 Dr. Bruce Watson, Interim Head
Department of Mathematics & Statistics
Memorial University of Newfoundland
St. John's, Newfoundland
Canada A1C 5S7
email: head@math.mun.ca

Memorial University is the largest university in Atlantic Canada. As the province's only university, Memorial plays an integral role in the educational and cultural life of Newfoundland and Labrador. Offering diverse undergraduate and graduate programs to almost 17,000 students, Memorial provides a distinctive and stimulating environment for learning in St. John's, a very safe, friendly city with great historic charm, a vibrant cultural life, and easy access to a wide range of outdoor activities.

Memorial University is committed to employment equity and encourages applications from qualified women and men, visible minorities, aboriginal people and persons with disabilities. In accordance with Canadian Immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. Partners of candidates for positions are invited to include their resume for possible matching with other job opportunities.

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