



**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, 2007. 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) and gravity. 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 a very active and large centre for research in Mathematical Physics. The successful applicant may be considered for an Associate Membership at the independent Perimeter Institute for Theoretical Physics (www.perimeterinstitute.ca) and/or the Institute for Quantum Computing (www.iqc.ca) 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

K.G.Lamb, Chairman
Department of Applied Mathematics
University of Waterloo
Waterloo, Ontario, Canada N2L 3G1

The deadline for receiving applications is **January 15, 2007**. Applications received after this date will be considered until the position has 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 our webpage at www.math.uwaterloo.ca/AM_Dept.

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.

 Position Announcements

University of
Waterloo



**Department of Applied
Mathematics
Tenure Track Position
in Theoretical
Neuroscience**

The Department of Applied Mathematics at the University of Waterloo invites applications for a Tier 2 Canada Research Chair in the area of theoretical or computational neuroscience to begin 1 September 2007, or later. These prestigious chairs are intended for exceptional emerging researchers who have the potential to lead in their field (<http://www.chairs.gc.ca>). The position is at the Assistant or Associate Professor level. Rank and salary will be commensurate with experience and research record. Candidates should show evidence of an outstanding research program, should have a strong mathematical background, and demonstrate an active interest in biophysics, systems neuroscience, or cognitive neuroscience. The successful candidate will play a central role in the development of the Centre for Theoretical Neuroscience at the University of Waterloo. The centre will also be supported by a second Canada Research Chair.

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

K.G. Lamb, Chair
Department of Applied Mathematics
University of Waterloo
Waterloo, Ontario, Canada N2L 3G1

(reference letters should not be sent at this stage). Screening of applications will begin on December 15, 2006. The deadline for receiving applications is **January 20, 2007**. Applications received after this date will be considered only if the position has not been filled.

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. Further information about the Department may be obtained from our webpage at www.math.uwaterloo.ca/AM_Dept/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.



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

Applications are invited for a probationary (tenure-track) faculty position at the rank of Assistant Professor in the research field of Financial Mathematics in the Department of Applied Mathematics at The University of Western Ontario (www.apmaths.uwo.ca). A researcher in any area of financial mathematics with demonstrated or potential excellence in research and teaching is sought to complement the existing strengths of the research group in financial mathematics, both within the Department and within our sister Department of Statistical & Actuarial Sciences. Industrial experience or contacts are an asset. The starting date will be July 1, 2007 or thereafter.

The position will entail active participation in the activities and service of the Department of Applied Mathematics, including the supervision of graduate students and teaching at the graduate and undergraduate levels. To ensure full consideration, applications including a c.v., names of three referees and a research proposal should be received prior to **December 15, 2006**. Address applications to:

Dr. Robert Corless, Chair
Department of Applied Mathematics
Middlesex College
The University Of Western Ontario
London, Ontario, Canada
email: pmalone@uwo.ca

This position is subject to budgetary approval. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men including visible minorities, aboriginal people, and persons with disabilities.

 Position Announcements



**Department of Applied
Mathematics
Tenure-stream Faculty
Position in Evolutionary
Theory OR Elementary
Particle Theory**

Applications are invited for a probationary (tenure-track) faculty position at the rank of Assistant Professor commencing July 1, 2007. For exceptional candidates, appointment at a more senior level is possible in either of the research fields of Evolutionary Theory OR Elementary Particle Theory in the Department of Applied Mathematics at the University of Western Ontario (www.apmaths.uwo.ca). The Department is seeking an outstanding researcher to complement the existing strengths of the research group in mathematical modeling of experimental evolution (mathematical biology), or of the research group in high energy physics, in the Department and in the Faculty of Science.

A successful candidate in evolutionary theory would be expected to help develop existing linkages with the Biology department and with other departments in the Schulich School of Medicine and Dentistry. A successful candidate in elementary particle theory would be expected to take advantage of existing linkages with The Perimeter Institute for Theoretical Physics.

In either case, the position will entail active participation in the activities and service of the Department of Applied Mathematics, including the supervision of graduate students and teaching at the graduate and undergraduate levels. To ensure full consideration, applications including a c.v. and names of three referees and a research proposal should be received prior to **January 5, 2007**. Address applications to:

Dr. Robert Corless, Chair
Department of Applied Mathematics
The University of Western Ontario
London, Ontario N6A 5B7
email: pmalone@uwo.ca

This position is subject to budgetary approval. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men including visible minorities, aboriginal people, and persons with disabilities.