

Memorial University, Department of Mathematics and Statistics
Postdoctoral Research Position in Numerical Analysis and Scientific Computing

Applications are invited for a postdoctoral research position within the Memorial University of Newfoundland Centre for Numerical Analysis and Scientific Computing, within the Department of Mathematics and Statistics at the Memorial University of Newfoundland. The successful candidate will work under the supervision of Dr. Scott MacLachlan, with a research focus on the development of efficient solution algorithms for nonlinear problems. Duties will include development and analysis of nonlinear solution algorithms based on multigrid and other approaches, as well as their implementation in a high-performance computing environment. A desired, but flexible, start date of September 1, 2017 is expected.

The initial position will be for one year, with possibility of renewal subject to funding and performance. Opportunities for teaching may be available, if desired by the successful candidate. The minimum annual salary is \$40K, but will be commensurate with qualifications and experience. A PhD and relevant expertise in applied mathematics or scientific computing is expected, with a preference for experience in computational PDEs, numerical linear algebra, and/or nonlinear solvers. Previous interdisciplinary project experience is a plus. Interested applicants should send a cover letter, detailed CV, and names and email addresses of three references directly to Dr. MacLachlan (smaclachlan@mun.ca). Review of applications will begin on November 20, 2016, and continue until the position is filled.

Memorial University is one of the two largest universities 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 18,000 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. All qualified candidates are encouraged to apply; however Canadian citizens and permanent residents will be given priority. Partners of candidates for positions are invited to include their resume for possible matching with other job opportunities.