

Association of Professional Engineers and Geoscientists
of the
Province of Manitoba

Professional-in-Training Award

presented to

NELSON FERREIRA

Nelson Ferreira is an Engineer-in-Training with UMA Group in Winnipeg where he works on a number of projects as a Junior Geotechnical Engineer-in-Training in the Earth and Water Department.

Mr. Ferreira completed a Masters degree at the University of Manitoba in the Department of Civil Engineering in April 2002. His research focused on the influence of suction on slope stability at a cut along PR259, East of Virden, Manitoba, that failed in the spring of 1999 following heavy rainfall. The work has attracted considerable local and national attention. It resulted in three conference papers and a paper that has been accepted for publication in the Canadian Geotechnical Journal. It has been presented locally to the Canadian Geotechnical Society, to the Society's graduate student competition in June 2002, and to the national Canadian Geotechnical Conference in Niagara Falls in October 2002.

Even at this early stage in his career, Mr. Ferreira has an outstanding record of service to the engineering profession through his participation in technical societies, conferences, and professional development activities. He has served on committees of the local section of the Canadian Geotechnical Society (CGS), including its regular program of meetings and the 2nd Canadian Conference on Computers in Geotechnics. In February 2002 he co-chaired the Great Northern Concrete Toboggan Race in Winnipeg. This annual event brings together engineering students from across North America and around the world. The competition in 2002 attracted 24 teams and a total of about 300 competitors. The competition incorporates all aspects of engineering, including imagination, design, construction, management, technical communication, and most importantly, cooperation and teamwork between individuals to achieve a mutual goal.

As a Graduate Student, he also helped organize Geotechnical Research Seminars at the University of Manitoba.

Nelson Ferreira was on the Dean's Honour List during his university studies, and has received other awards, including the Neil Burgess Memorial Scholarship, the Canadian Geotechnical Society Travel Award, and the O. and G. Allen Memorial Scholarship.

It is a pleasure to present a Professional-in-Training Award for 2003 to Nelson Ferreira.

March 4, 2003