

Hamed Ghasvari Jahromi

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December 7, 2011

Department of Pathology, University of Washington
Swanson Lab
1959 NE Pacific St, Box 357470
Seattle, WA 98104-2499

Dear Dr.Swanson and Members of the Search Committee:

I have Seven years of experience in applying mathematical and computational tools to applicable and industrial problems, Developing new techniques for novel approaches to the project goals has been my passion throughout the projects I was involved in, which led to breakthrough achievements in some of them. My field of Specialization is Fluid Dynamics, Porous Media and Multiphase flows, I also have experience in fundamental research in fields of Continuum Mechanics ,Non-Newtonian Fluid Dynamics, Turbulent Flows, Lubrication Theory and Fluid-Solid Interaction. Working with patience and passion , extreme desire to achieve new skills in addition to a goal oriented mind is what enables me to do state of art research and to handle the stress of time-bound projects. I am extremely interested in obtaining a research position in your group and that's due to my extreme passion for applying my knowledge to the field of mathematical modelling of brain tumour growth and response to therapy and more importantly learning more about it by collaborating with group of experts with brilliant minds .

Almost certainly I will get a full scholarship (Bill Gates' Scholarship) for a second PhD in applied mathematics at Cambridge in 2012 which in the case of getting your position I will defer it to two or three years later,(whatever the length of my appointment will be). Perhaps explaining about the reason behind my application for a second PhD will show my ambition for research in the field of mathematical modeling in Biomedical application . The main reason was that I have always wanted to have an impact on the progress of research in this field and after completing my PhD in Mechanical engineering I noticed that I need a level of mathematics for my future goals which would be easier to achieve at Cambridge plus the possibility of research at the same time in similar applications either at Cambridge or Oxford or the common program between two. Now I have a golden chance of getting invaluable experience near home which will make me at least double effective in future.

I have asked the following professors to serve as references:

- Mark Martinez (my advisor at UBC) Professor of Chemical and Biological Engineering
Email: martinez@chbe.ubc.ca Tel: 604-822-2693
- James Olson(my advisor at UBC) Professor of Mechanical Engineering
Email: olson@mech.ubc.ca Tel:604.822-5705
- Ghodrat Karami Professor of Mechanical Engineering (North Dakota State Uni)
Email: G.Karami@ndsu.edu Tel:701.231.5859
- James Feng Professor of Chemical and Biological Engineering and Mathematics
Email:jfeng@chbe.ubc.ca Tel:604-822-4936

I would enjoy discussing this position with you in the weeks to come. In the meantime, I am enclosing my Curriculum Vitae

I appreciate your time reading this and I hope I can join you as soon as Possible.

Thank you for your consideration.

Sincerely yours,

Hamed Ghasvari Jahromi