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Pure Mathematics Committee
Department of Mathematics
Massachusetts Institute of Technology
77 Massachusetts Avenue
Cambridge, MA

Dear Committee Members:

I am writing to apply for a C.L.E. Moore Instructorship. I am currently a graduate student at the University of California, Berkeley under the supervision of Nicolai Reshetikhin, and will be graduating with a Ph. D. in May 2007.

I have research experience in a wide variety of areas. Some of these, such as geometric representation theory and quantum groups, are well matched with the interests of faculty in your department like R. Bezrukavnikov, P. Etingof and G. Lusztig. In others, such as knot homology and cluster algebras, I think I could contribute a different perspective. I've given two invited talks at AMS Sectional Meetings, as well as many other conferences and seminars, and co-organized both a workshop held at Berkeley, and a weekly seminar for graduate student speakers.

I am applying for an NSF postdoctoral fellowship to be taken at MIT under the supervision of Prof. Roman Bezrukavnikov, and would be thrilled to be able to come to MIT in either position.

I have teaching experience as a graduate student instructor, where I led discussion sections for calculus and multi-variable calculus classes. In addition, I am currently informally tutoring graduate students and postdocs in connection with a class on quantization of moduli spaces given at CTQM in Århus, Denmark.

I've arranged for letters of recommendation from N. Reshetikhin, V. Jones, M. Khovanov, and M. Haiman concerning my research and from A. Weinstein concerning my teaching to be sent via MathJobs.org as well as a CV, publication list, and research and teaching statements. All my papers and preprints are available from my website <http://math.berkeley.edu/~bwebste>. If you have any questions or want any additional materials, please contact me at the email address or phone number above.

I appreciate your time and look forward to hearing from you.

Sincerely yours,
Benjamin Webster