



DEPARTMENT OF MATHEMATICS

BERKELEY, CALIFORNIA 94720-3840  
(805) 453-7347

Scott Morrison  
1071 Evans Hall  
April 28, 2011

To the UC San Diego mathematics hiring committee,

I am writing to apply for a tenure-track position at the UC San Diego. I am currently a Miller Fellow in the mathematics department at UC Berkeley. Prior to that, I held a postdoctoral research position at Microsoft Station Q at UC Santa Barbara. I completed my Ph. D. at UC Berkeley in May 2007, under the supervision of Vaughan Jones.

My research interests are in low-dimensional topology and quantum algebra, especially on the interaction between topology, representation theory and category theory. I am currently working on the classification of subfactors and fusion categories, 4-manifold invariants from Khovanov homology, and homotopy theoretic extensions of TQFT invariants. These research interests match well with several of your faculty, especially Justin Roberts and Hans Wenzl. I've given research talks at a wide range of domestic and international conferences. In 2007 I co-organized a special session on quantum topology at the Wellington AMS/NZMS meeting, as well as a workshop on subfactors and planar algebras.

I have teaching experience as a Graduate Student Instructor, at U.C. Berkeley, where I taught calculus, multivariable calculus, and several linear algebra courses, and also at the University of New South Wales. I have supervised undergraduate students working on summer research projects, and organized a weekly seminar for graduate student speakers.

I have arranged for letters of recommendation from Michael Freedman, Vaughan Jones, Michael Khovanov, Victor Ostrik and Dietmar Bisch to be sent via MathJobs.org as well as a CV, publication list, and research statement. All my papers and preprints are available at <http://tqft.net/>.

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.

Yours sincerely,

A handwritten signature in black ink that reads "Scott Morrison". The signature is written in a cursive style with a large "S" and "M".

Scott Morrison