

**Paul Gustafson**  
**Department of Mathematics**  
**Texas A&M University**  
**College Station, TX 77843**  
**pgustafs@math.tamu.edu**  
**(979)774-9184**

November 20, 2017

Hiring Committee  
Department of Mathematics  
Australian National University  
Canberra ACT 0200

To the Hiring Committee:

My name is Paul Gustafson. I am a graduate student at Texas A&M University, working in the areas of quantum algebra and quantum topology. I expect to receive a Ph.D. from Texas A&M in May 2018, under the direction of Eric Rowell. I would like to apply for a postdoctoral position in your department.

I am particular interested in working with Scott Morrison. Scott and I share common interests in  $(2+1)$ -TQFTs, computing quantum invariants, and computer formalization of categorical mathematics. For example, my Haskell library for computing TVBW mapping class group representations (<https://github.com/PaulGustafson/stringnet>) is closely related to Scott's work on computing all possible modular data for Drinfeld centers of categorifications of a fusion ring.

With my application, I include the standard AMS cover letter, a curriculum vitae, a research statement, and a teaching statement. I will also have eight letters of recommendation sent. There will be research letters from Eric Rowell (rowell@math.tamu.edu), Richard Ng (rng@math.lsu.edu), Zhenghan Wang (zhengwa@math.ucsb.edu), Thomas Kerler (kerler.2@osu.edu), and Dan Licata (dlicata@wesleyan.edu) and a teaching letter from Peter Howard (phoward@math.tamu.edu).

Please let me know if there is anything else I can provide. Thank you in advance for your consideration.

Sincerely yours,  
Paul Gustafson  
Texas A&M University