Biographical Sketch
Ben Webster

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Citizenship:	USA		

Professional Prepartation:

Simon's Rock College	Great Barrington, MA	Mathematics	B.A.	1998-2002
University of California, Berkeley	Berkeley, CA	Mathematics	Ph.D.	2002-2007
Institute for Advanced Study	Princeton, NJ	Mathematics	Postdoc.	2007-2008
Massachusetts Institute of Technology	Cambridge, MA	Mathematics	Postdoc.	2008-2010

Visited as a Student:

Budapest Semesters in Math, Budapest, Hungary	Spring 2001
Center for Topology and Quantization of Moduli Spaces, Aarhus, Denmark	Fall 2006

Appointments:

2016 –	**Associate Professor**, University of Virginia
2013 – 2016	**Assistant Professor**, University of Virginia
2011 – 2013	**Assistant Professor**, Northeastern University.
2010 – 2011	**Assistant Professor**, University of Oregon.
2008 – 2010	**C.L.E. Moore Instructor** and **NSF Postdoctoral Fellow**, M.I.T.
2007 – 2008	**Member** and **NSF Postdoctoral Fellow**, Institute for Advanced Study.

Products:

Most relevant:

1. T. Braden, A. Licata, N. Proudfoot, and B. Webster, *Quantizations of conical symplectic resolutions I & II.* to appear in Astérisque. arXiv:1208.3863 & arXiv:1407.0964
2. B. Webster, *Knot invariants and higher representation theory.* to appear in the Memoirs of the AMS. arXiv:1309.3796.
3. B. Webster, *On generalized category $\mathcal{O}$ for a quiver variety.* to appear in Mathematische Annalen. arXiv:1409.4461
4. J. Kamnitzer, B. Webster, A. Weekes and O. Yacobi, *Yangians and quantizations of slices in the affine Grassmannian.* Journal of Algebra and Number Theory **8** (2014), no. 4, 857–893. arXiv:1209.0349
5. B. Webster, *Canonical bases and higher representation theory.* Compositio Mathematica **151**, no. 1, 121–166. arXiv:1209.0051

Other selected publications:

1. H. Bao, P. Shan, W. Wang, and B. Webster, *Categorification of quantum symmetric pairs I.* submitted to Annales scientifiques de l'ÉNS. arXiv:1605.03780

2. B. Webster, *Rouquier's conjecture and diagrammatic algebra.* submitted to Forum of Math, Sigma. `arXiv:1306.0074`
3. C. Stroppel and B. Webster, *2-block Springer fibers: convolution algebras and coherent sheaves.* Commentarii Mathematici Helvetici **87** (2012), no. 2, 477–520. `arXiv:0802.1943`
4. A. Beliakova, K. Habiro, A. Lauda and B. Webster, *Current algebras and categorified quantum groups.* to appear in the Journal of the London Mathematical Society. `arXiv:1412.1417`
5. J. Brundan, I. Losev and B. Webster, *Tensor product categorifications and the super Kazhdan-Lusztig conjecture.* International Mathematics Research Notices, 2016. `arXiv:1310.0349`

Synergistic activities:

1. Gave expository sequences of lectures for graduate students at:

   - Sydney University (June 2015)
   - Summer School in Link Homology at Centre de recherches mathématiques (July 2013)
   - Young Researchers Workshop on Higher Algebraic and Geometric Structures at Fields Institute (May 2012)
   - Oporto Meeting in Mathematics and Physics (Jul. 2010)
   - Introductory Workshop of MSRI program on Homology of Knots and Links (Jan. 2010)

   Gave expository lectures at more basic level in

   - Boston Math Circle (intended for high school students),
   - Western Albemarle High School (intended for high school students),
   - Math Club at Northeastern U. (intended for college freshmen),
   - Math Club at UVA (intended for undergrads),
   - Student Colloquium at LSU (one talk for undergrads, one for grad students)
   - Math Club at Simon's Rock College (intended for undergrads),
   - "Basic Notions" seminar at U. of Oregon (intended for beginning graduate students)

   and organized similar lecture series "Many Cheerful Facts" as graduate student at Berkeley. Also, frequent invited speaker at national and international conferences.
2. Moderator of mathematics forum `mathoverflow.net`, and member of AMS Web Editorial Group and Committee on Publications.
3. Mentor in UVA's Mentoring institute for underrepresented graduate students (for a female astrophysics grad student) and AWM's mentor program (for both an undergraduate and graduate student).
4. Organized conferences in Charlottesville (two in 2016), Montreal (2014), Paris (2014) and Boston (2013).
5. Served twice on NSF panels, and reviewed grants for NSA Mathematics, France Berkeley Fund, and Portuguese Foundation for Science and Technology.