

Michael Shulman  
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### **Employment**

*2009–* L. E. Dickson Instructor, University of Chicago, Chicago IL  
National Science Foundation Postdoctoral Fellowship

### **Education**

*1998–2002* California Institute of Technology, Pasadena, CA  
Bachelor of Science in Mathematics, June 2002

*2002–03* Cambridge University, Cambridge, England  
Certificate of Advanced Study in Mathematics, with Distinction,  
June 2003

*2003–2009* University of Chicago, Chicago, IL  
Master of Science in Mathematics, June 2005  
Ph.D. in Mathematics, June 2009

### **Talks**

*2009* UC Berkeley: “Bicategories, framed bicategories, and beyond”

*2009* AMS/MAA Joint Meetings: “Comparing composites of left and right derived functors.”

*2008* CCR La Jolla: “Traces in monoidal categories and bicategories.”

*2008* Macquarie University: “Enriched derived functors and homotopy limits”

*2008* Macquarie University: “Equipments, double categories, and monoidal fibrations”

*2008* University of Notre Dame: “Parametrized monoidal structures and framed bicategories.”

*2007* University of Illinois, Urbana-Champaign: “Framed bicategories.”

*2007* Fields Institute Workshop on higher categories and their applications, January 9-13: “Model categories for beginners” and “Introduction to quasi-categories.”

*2006* Saunders MacLane Memorial Conference held at the University of Chicago, April 7-11: “Anchored bicategories.”

**Teaching Experience**

*October 2004 – June 2005* College Fellow for Moore Method Honors Calculus

*October 2005 – June 2009* Instructor in the College at the University of Chicago; taught Calculus, Moore Method Honors Calculus, Studies in Mathematics (number theory and geometry), and Precalculus

*October 2009 –* L. E. Dickson instructor at the University of Chicago; taught Moore Method Honors Calculus.

**Service**

*2009–10* Co-organizer, University of Chicago Algebraic Topology and Category Theory seminar and proseminar

*July–August 2003, 2004, 2005, 2006* Mentor at Canada/USA Mathcamp, a summer program for talented high school students.

*July–August 2007, 2008* Academic Coordinator at Canada/USA Mathcamp.

*2004–06* Speaker at University of Chicago Mathematics Department Graduate Warm-Up Program.

*2004–08* Mentor for undergraduate independent study in Directed Reading Program at University of Chicago.

*2005–07* Member of DRP steering committee.

*2007–08* Teaching assistant in SESAME program, teaching algebra to high-school teachers.

**Conferences Attended**

*2009* Mayday 2009: New contexts in homotopy theory, University of Chicago, October 16–18

*2009* 6th workshop on Quantum Physics and Logic, Oxford U.K., April 8–9

*2009* 88th Peripatetic Seminar on Sheaves and Logic, Cambridge U.K., April 4–5

*2009* AMS/MAA Joint Meetings, Washington D. C., January 7–8

*2007* Fields Institute Workshop on higher categories and their applications, January 9–13

*2006* Category theory Octoberfest, University of Ottawa, October 21–22

*2006* MacLane Memorial Conference at University of Chicago, April 7–11

*2005* Category theory Octoberfest, University of Ottawa, October 22–23

*2004* Category theory Octoberfest, McGill University, October 16–17

*2004* IMA Summer Program:  $n$ -categories: Foundations and Applications, June 7–18

**Awards**

- National Science Foundation Mathematical Sciences Postdoctoral Research Fellowship, 2009
- Lawrence and Josephine Graves Lectureship Award, University of Chicago Department of Mathematics, 2007
- McCormick Scholarship, University of Chicago, 2003
- Tau Beta Pi (engineering honor society), 2002
- Winston Churchill Foundation Scholarship, 2002
- Robert Byrd Scholarship, 1998