

## Curriculum Vitae

### LAUREN WILLIAMS

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#### Employment:

- 2019 – Harvard University, Dwight Parker Robinson Professor of Mathematics.
- 2018 – Harvard University, Professor.
- 2018 – Sally Starling Seaver Professor at the Radcliffe Institute.
- 2016 – 2020 University of California, Berkeley, Professor.
- 2013 – 2016 University of California, Berkeley, Associate Professor.
- 2009 – 2013 University of California, Berkeley, Assistant Professor.
- 2006 – 2009 Harvard University, Benjamin Peirce Assistant Professor and NSF Postdoctoral Fellow.
- 2005 – 2006 University of California, Berkeley, NSF Postdoctoral Fellow, with *Bernd Sturmfels*.

#### Short-term positions:

- 2020–2021 Fellow, Radcliffe Institute for Advanced Study.
- Spring 2017 von Neumann Fellow, Institute for Advanced Study.
- Fall 2016 Visiting Professor, Columbia University.
- Fall 2009 Postdoctoral Scholar at MSRI.
- June 2009 Professeur invitée at Laboratoire d’informatique, Université Paris 6.
- Spring 2008 Viterbi Endowed Postdoctoral Scholar at MSRI.

#### Education:

- 2001 – 2005 Massachusetts Institute of Technology, Ph.D. in Mathematics received June 2005.  
*Advisor: Richard Stanley*
- 2000 – 2001 Cambridge University, Part III of the Mathematical Tripos (with Distinction)
- 1996 – 2000 Harvard University, A.B. in Mathematics (*magna cum laude*)  
*Spring 1998 spent at the Budapest Semesters in Mathematics program.*

#### Scientific/Academic Honors:

- 2022 Guggenheim Fellowship
- 2022 International Congress of Mathematicians, *invited speaker*
- 2020 Honorary member, London Mathematical Society
- 2018 London Math Society Hardy Lectureship
- 2016 AWM-Microsoft Research Prize in algebra and number theory
- 2014 Rose Hills Innovator award
- 2014 Fondation Sciences Mathématiques de Paris Junior Chaire
- 2014 Simons Fellow
- 2014 Distinguished Undergraduate Teaching Award (awarded by MUSA)
- 2012 Fellow of the American Mathematical Society
- 2011 – 2016 National Science Foundation CAREER award DMS-1049513
- 2012 – 2014 Hellman Family Faculty Fund
- 2009 – 2011 Alfred P. Sloan Research Fellow

#### Research Interests:

Algebraic, enumerative, and topological combinatorics, and their connections with algebraic geometry, representation theory, and physics. In particular: total positivity, cluster algebras, statistical mechanics, tropical geometry.