

## CURRICULUM VITAE

### Mark David Haiman

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#### EDUCATION

B.S., Computer Science, Massachusetts Institute of Technology, 1979  
B.S., Electrical Engineering, Massachusetts Institute of Technology, 1979  
Ph.D., Mathematics, Massachusetts Institute of Technology, 1984

#### EMPLOYMENT

Massachusetts Institute of Technology  
1984–86 Applied Mathematics Instructor  
1986–91 Assistant Professor of Applied Mathematics  
University of California, San Diego  
1991–93 Assistant Professor of Mathematics  
1993–97 Associate Professor of Mathematics  
1997–2001 Professor of Mathematics  
University of California, Berkeley  
2001– Professor of Mathematics

#### RESEARCH INTERESTS

Algebraic combinatorics, algebraic geometry, representation theory, lattice theory.

#### AWARDS

First recipient of the *E. H. Moore Prize*, January 2004, for best research article in an AMS journal during the preceding six years.

Fellow of the American Mathematical Society

#### VISITING POSITIONS AND RESEARCH INSTITUTES

Mittag-Leffler Institute, Stockholm, Sweden, Spring 1992  
Mathematical Sciences Research Institute, Berkeley, California, Spring 1997  
Mathematical Sciences Research Institute, Berkeley, California, Spring 2000  
Visiting Miller Professor, University of California, Berkeley, Fall 2000  
Isaac Newton Institute, Cambridge, England, Spring 2001

LACIM, University of Québec at Montréal, Spring 2005  
Mittag-Leffler Institute, Stockholm, Sweden, Spring 2005  
Mathematics Dept., University of Québec at Montréal, Spring 2005 and Spring 2007  
CRM, University of Montréal, Spring 2007  
Miller Professor, University of California, Berkeley, 2007-08 academic year

#### INVITED LECTURES (SELECTED)

Algebraic Combinatorics Conference in Honour of Adriano Garsia, Taormina, Sicily, July 1994.  
Rotafest: conference in honor of G.-C. Rota, M.I.T., Boston, Mass., April 1996.  
Commutative Algebra, Representation Theory, and Combinatorics: conference in honor of David Buchsbaum, Boston, Mass., October 1997.  
Plenary address, 49th Colloquium of the Québec Mathematical Society, Montréal, Québec, April 1998.  
International Workshop on Physics and Combinatorics (3 lectures), Nagoya, Japan, August 2000.  
Whittaker Lecture, Edinburgh University, Edinburgh, Scotland, May 2001.  
Per Claudio: conference in honor of C. Procesi, Rome, Italy, June 2001.  
Symmetric Functions 2001: Nato advanced study institute (3 lectures), Cambridge, England, July 2001.  
MSRI Workshop on Commutative Algebra (3 lectures), Berkeley, Calif., September 2002.  
Current Developments in Mathematics, Harvard University (2 lectures), Boston, Mass., November 2002.  
Summer school on Combinatorics of Groups and Algebras (5 lectures), Luminy, France, July 2004.  
Graduate summer school on Geometric Combinatorics (5 lectures), PCMI, Park City, Utah, July 2004.  
CRM/ISM Joint Colloquium, Montréal, Québec, April 2005.  
KTH Conference in honor of Dan Laksov, Stockholm, Sweden, May 2005.  
Formal Power Series and Algebraic Combinatorics, Taormina, Sicily, June, 2005.  
Summer Institute in Algebraic Geometry (3 lectures), Seattle, Wash., Aug. 2005.  
Plenary Address, AMS Western Section Meeting, Eugene, Ore., Nov. 2005.  
International Congress of Mathematicians, Combinatorics Section, Madrid, Spain, Aug. 2006  
CRM/ISM Joint Colloquium, Montréal, Québec, April 2007.  
Workshop on Interactions between Algebraic Combinatorics and Algebraic Geometry, CRM, Montréal, Québec, May 2007.  
ARCC Workshop on Arithmetic Harmonic Analysis on Character and Quiver Varieties, Palo Alto, Calif., June 2007.  
Workshop on Topics in Combinatorial Representation Theory, MSRI, Berkeley, Calif., March 2008

Special Session on Algebraic Combinatorics, AMS Western Section Meeting, Claremont, Calif., May 2008  
Special Session on Applications of Algebraic and Geometric Combinatorics, AMS Southeastern Section Meeting, Raleigh, N.C., May 2009  
London Mathematical Society Symposium on Combinatorial and Geometric Structures in Representation Theory, Durham, England, July 2009 (3 lectures)  
Claudio 70: conference in honor of C. Procesi, Rome, Italy, June 2011.  
Workshop on Equivariant Combinatorics, CRM, Montréal, June 2017  
Garsia Fest (conference in honor of Adriano Garsia's 90th birthday), UC San Diego, June 2019  
ALCOVE (Algebraic Combinatorics Virtual Experience), online conference, June 2020

#### OTHER PROFESSIONAL ACTIVITIES

Reviewer for *Mathematical Reviews*  
Organizer, Algebraic Combinatorics Conference in honour of Adriano M. Garsia, Taormina, Sicily, July 1994  
Editorial board, *Algebra Universalis*, 1997–2005  
Scientific advisory board, *Centre de Recherches Mathématiques*, Montréal, 2002–2005  
Organizer, Special Session on Algebraic Combinatorics and Geometry, AMS Western Section Meeting, Eugene, Oregon, Nov. 2005  
Co-organizer, Workshop on Combinatorial Hopf Algebras and Macdonald Polynomials, CRM Semester in Combinatorics, Montréal, Spring 2007  
Organizer, Berkeley Workshop on Representation Theory, Geometry and Combinatorics, June 2008

#### GRANT SUPPORT

NSF Graduate Fellow, 1979–82  
NSF EMSW21 Research Training Group Grants in Interactions of Representation Theory, Geometry and Combinatorics, DMS-0354321 (2004–10), DMS-0943745 (2010–16)  
NSF Special Meeting Grant: Recent Advances in Combinatorics, CRM Thematic Semester 2007, DMS-0603479 (2007)  
NSF Research Grants DMS-8717795 (1988–91), DMS-9119355 (1992–94), DMS-9400934 (1994–97), DMS-9701218 (1997–2000), DMS-0070772/DMS-0296203 (2000–03), DMS-0301072 (2003–08), DMS-0801262 (2008–13)

#### DOCTORAL STUDENTS

David Herscovici (MIT, 1992)  
Joseph Alfano (UCSD, 1994)  
Sara Billey (UCSD, 1994)

William Brockman (UCSD, 1997)  
Carol Chang (UCSD, 1998)  
Jason Ribando (UCSD, 2000)  
Jeremy Martin (UCSD, 2002)  
Alex Woo (UC Berkeley, 2005)  
Sami Assaf (UC Berkeley, 2007)  
Jonah Blasiak (UC Berkeley, 2009)  
Brian Rothbach (UC Berkeley, 2009)  
Arun Sharma (UC Berkeley, 2009)  
Li-Chung Chen (UC Berkeley, 2010)  
Sarah Iveson (UC Berkeley, 2012)  
Maria Gillespie (UC Berkeley, 2016)  
Maryam Fahramand Asil (UC Berkeley, 2018)  
Chris Miller (UC Berkeley, 2020)  
Jeremy Meza (UC Berkeley, 2021)  
Max Wimberly (current)  
Foster Tom (current)  
max Hlavacek (current)

#### POSTDOCTORAL ADVISEES

Glenn Tesler (NSF, U.C.S.D., 1995–98)  
Rosa Orellana (U.C. President’s Postdoctoral Fellow, U.C.S.D., 1999–2000)  
Monica Vazirani (NSF, U.C. Berkeley and U.C.S.D., 1999–2002)  
Sarah Mason (NSF, U.C. Berkeley, 2005–07)  
Dagan Karp (NSERC and NSF EMSW21, U.C. Berkeley, 2005–08)  
Beth Samuels (NSF EMSW21, U.C. Berkeley, 2005–07)  
David Hill (NSF EMSW21, U.C. Berkeley, 2007–10)  
Joshua Sussan (NSF EMSW21, U.C. Berkeley, 2007–10)  
Michael Rose (NSF EMSW21, U.C. Berkeley, 2008–10)  
Brendon Rhoades (NSF, U.C. Berkeley, 2008–09)  
Luke Oeding (NSF EMSW21, U.C. Berkeley, 2011–13)

GRADUATE ADVISOR: Gian-Carlo Rota

CITIZENSHIP: U.S.