

ROGER E. HOWE

Born: May 23, 1945

Citizenship: USA

Education: BA: Harvard College 1966
Ph.D: University of California, Berkeley 1969

Employment:

Assistant Professor, State University of New York at Stony Brook 1969-73
Associate Professor, State University of New York at Stony Brook 1973-74
Professor, Yale University 1974 -

Departmental Service:

Director of Graduate Studies 1983-84
1986-87
2003-04
2005
Director of Undergraduate Studies 2009-11
Chairman 1992-95

Visiting Positions:

Institute for Advanced Study 1971-72
Sonderforschungsbereich, Universität Bonn 1973-74
Mathematical Institute, Oxford University 1978
University of California, San Diego 1981
École Normale des Jeunes Filles 1984
University of Sydney 1986
Institute for Advanced Studies, Hebrew Univ. Jerusalem 1988
Rutgers University 1989-90
Université de Metz 1996
Université de Paris VII 1996
Mittag Leffler Institute 1996
Universität Basel 1996
National University of Singapore 1999
Hong Kong University of Science and Technology 2002
University of Minnesota 2003
Newton Institute, Cambridge UK 2004
University of Michigan 2004
State University of New York at Stony Brook 2005-06
University of York, York, UK 2008
National University of Singapore 2009
Texas A&M University 2014,15

Honorifics:

Guggenheim Fellow 1984
Lester R. Ford Award, Mathematical Association of America 1987
Fellow of the Japan Society for the Advancement of Science 1993
Elected, American Association of Arts and Sciences 1993
Elected, Connecticut Academy of Science and Engineering 1993
Elected, National Academy of Science 1994
Yale College Dylan Hixon '88 Prize 1997
for Teaching Excellence in the Natural Sciences
Frederick Phineas Rose Professorship 1997-2002
Wm. Kenan Jr. Professorship 2002-

American Mathematical Society Award for Distinguished Public Service	2006
Visiting Fellow, Institute for Advanced Study of Hong Kong University of Science & Technology Reappointed	2011-14 2015-16
Fellow of the American Mathematical Society (Inaugural Cohort)	2013
Fellow of the Texas A&M Institute for Advanced Study	2014-15
Inaugural recipient, Texas A&M Award for Excellence in Mathematics Education	2015

Review/Advisory Experience:

NSF:

Division of Mathematical Science, Committee of Visitors	1992, 1998
Site Visit Team to MSRI	1996
Advisory Committee for GK-12 Fellowship Program Evaluation	2002-03
Education and Human Resources Portfolio Review Committee	2003-04
Site Visit Team to NCPIMS Mathematics & Science Partnership	2005
Advisory Group, Research Networks Project	2009

Departmental Visiting Committees:

University of California, San Diego	1999
University of Arizona	2001, 2008
Ohio State University	2005
University of Colorado, Boulder	2009
Hotchkiss School	2010

Scientific Advisory Board (Chair), Institute for Mathematical Sciences, Singapore	2001-2010
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School of Science Advisory Committee, Hong Kong University of Science and Technology	2005-
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Review Committee for Mathematical Sciences, Svenska Vetenskapsovetet Editorial Board, Undergraduate Texts in Mathematics and Graduate Texts in Mathematics, Springer Verlag	2012 -
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Education-related service:

Board of Directors, Connecticut Academy for Education in Mathematics, Science and Technology	1994-2000
Reader, Advanced Placement Calculus	1994, 95, 96, 99
Mathematical Sciences Education Board (NRC)	1995-1998
Chair, AMSARG (American Mathematical Society Consultative Committee to the NCTM Standards 2000 mathematics standards revision project)	1998
Problem review for National Voluntary Math Test (American Institutes of Research)	1998
MAA/CBMS Committee on Mathematics Education of Teachers	1998-2000
NRC Study Committee on Mathematics Learning	1999-2000
RAND Mathematics Study Panel	2000-03
American Mathematics Society, Committee on Education	2000-2006

(Chair 2000 - 2004)

Park City Mathematics Institute, Undergraduate Program Coordinator	2000-2007
College Board, SAT Revision Advisory Panel	2002-04
College Board, SAT Review Committee	2004-2007
College Board AP Calculus Commission	2007-2010
Committee on Blueprint for Elementary Mathematics Connecticut State Department of Education	2003-04
Advisory Board, Math-in-the-Middle Mathematics and Science Partnership	2004- 2012
US Department of Education, Mathematics Task Force	2005
Seminar Leader, Yale New Haven Teachers Institute	2004, 07, 08, 10, 11, 14, 15
U.S. Commission on Mathematics Instruction	2006-
U.S. Commission on Mathematics (ex officio)	2009-
Executive Committee, Int'l Commission on Mathematics Instruction	2010-12
Reelected	2012-2016
NAEP Mathematics Item Review Committee	2008, 09, 10, 16
Advisory Board, CME High School Curriculum project, Educational Development Corporation	2006-09
Planning Board, Institute for Mathematics and Education, University of Arizona	2008-
Mathematics Advisory Team, Common Core Standards Project	2009-10
Education Advisory Committee, Mathematical Sciences Research Institute	2009-
Review Panel, Doceamus Column, NOTICES of the AMS	2010-2015
Advisory Board, Algebraic Knowledge for Teaching in Elementary School (CAREER project, M. Ding, Temple U)	2014 -
Evaluating the Content and Quality of Next Generation Assessments	2015

05/5/2016