

Robert D. MacPherson

Curriculum Vitae

School of Mathematics
Institute for Advanced Study
Princeton, NJ 08540
e-mail: rdm@math.ias.edu

Born: May 25, 1944, Lakewood, Ohio
Home Address: 19 Haslet Avenue
Princeton, NJ 08540

Education

B.A. Swarthmore College, 1966
Ph.D. Harvard University, 1970

Employment

2007- Hermann Weyl Professor, Institute for Advanced Study
1994- Professor, Institute for Advanced Study
1994- Visiting Lecturer, Princeton University
1987-94 Professor, Massachusetts Institute of Technology
1985-87 Florence Pirce Grant University Professor, Brown University
1977-87 Professor, Brown University
1974-77 Associate Professor, Brown University
1972-74 Assistant Professor, Brown University
1970-72 J. D. Tamarkin Instructor, Brown University

Visiting appointments

Fall 2000 Università di Roma "La Sapienza"
Spring 1994 Universiteit Utrecht (Donders Chair)
Spring 1992 Max-Planck-Institut für Mathematik, Bonn
Fall 1991 University of Chicago
1986 Institute des Hautes Etudes Scientifiques, Büres-sur-Yvette, France
Fall 1985 Institute for Advanced Study, Princeton
1985 CNR, Rome, Italy
1980-81 Institut des Hautes Etudes Scientifiques, Büres-sur-Yvette, France
Spring 1980 Steklov Institute of Mathematics, Moscow, USSR
(National Academy of Sciences Exchange)
1976-77 Université de Paris VII
1974-75 Institut des Hautes Etudes Scientifiques, Büres-sur-Yvette, France

Professional Society Memberships

American Mathematical Society
Society for Industrial and Applied Mathematics
Mathematical Association of America
Société Mathématique de France

Service

Member, Board of Trustees, Mathematical Sciences Research Institute, 1985-90
Member, Advisory Committee of the Division of Mathematical Sciences,
National Science Foundation, 1991-94
Member, Joint Planning Committee of the National Academy of Sciences and the
Academy of Sciences of Russia, 1993
Chairman, American Mathematical Society Committee on Relations with Soviet
Mathematicians, 1989-92
Chairman, American Mathematical Society former Soviet Union Aid Fund
Advisory Committee, 1992-
Member, Advisory Committee, International Science Foundation for the Former
Soviet Union, 1992-
Member, Governing Board, Moscow Mathematical Institute, 1990-
Member, Visiting Committees:
Massachusetts Institute of Technology Dept. of Math., 2001-
Brandeis University Math. Dept. 1980,
Northeastern University Math. Dept. 1987,
University of Chicago Math. Dept. 1993,
Minnesota Center for Computation and Geometry 1993,
Yale University Math. Dept. 1994
Harvard University Math. Dept. 1995-99
Division of Mathematical Sciences, NSF, 1997
Editorial Board, Moscow Mathematical Journal, 2001-
Editor, Journal of the American Mathematical Society, 1990-93
Member, Editorial Board of Compositio Mathematica, 1992-
Member, Editorial Board of International Mathematics Research Announcements, 1991-1994
Associate Editor, Selecta Mathematica, 1994-
Member, Pure Mathematics Committee, MIT, 1989-1994
Chairman, Pure Mathematics Committee, MIT, 1990-91 and 1992-93
Member, Editorial Board of Advances in Mathematics, 1995-
Editor, Annals of Mathematics, 1995-2005
Member, Board on Mathematical Sciences, National Research Council, 1996-2000
Executive Officer, School of Mathematics, IAS 1997-2000
Chairman, Board on Mathematical Sciences, 1997-2000
Member, Scientific Advisory Committee (SAC),
Mathematical Sciences Research Institute, 2004-2008
Park City Mathematics Institute
Program for Women and Mathematics

Conferences organized

Connectivity Theorems, Brown University, 1979
Polylogarithms, Brown University, 1983

Regulators, Luminy, France (with C. Soule), 1987
Polylogarithms, MIT (with H. Sah), 1990
Motives, Seattle (with S. Kleiman, P. Deligne, J.-P. Serre, and K. Vilonen), 1991
Andre Weil – A Conference on His Work and its Influence (with P. Deligne, A. Borel),
January 8–9, 1999
A Celebration of the Life and Work of Armand Borel (with P. Deligne), November 14, 2003
Geometry and Arithmetic, A Conference on the Occasion of the Sixty-First Birthday of
Pierre Deligne (with H. Esnault, A. Beilinson, S. Bloch), October 17–20, 2005
School of Mathematics 75th Anniversary Celebration (with P. Griffiths), March 11–12, 2005

Ph.D. Students

Paul Dippolito, Mark Goresky, David Damiano, Tom DiLio, Kevin Ryan, Allen Shepard, Kari Vilonen, Mark McConnell, Masaki Hanamura, Wolfram Gerdes, David Yavin, Yi Hu, Richard Scott, Eric Babson, Paul Gunnells, Laura Anderson, Tom Braden, Mikhail Grinberg, Francis Fung, Jared Anderson, David Nadler, Brent Doran, Julianna Tymoczko, Aravind Asok, David Treumann
Current: Zhiwei Yun, Menachem Lazar

Selected Lectures

Mathematische Arbeitstagung, Bonn, 1977 and 1992
Seminaire Bourbaki, 1977
Hour address, American Mathematical Society annual meeting, 1981
Herman Weyl Lectures, Institute for Advanced Study, Princeton, 1982
Plenary address, International Congress of Mathematicians, 1983
Unni Namboodiri Lectures, University of Chicago, 1987
Hans Rademacher Lectures, University of Pennsylvania, 1990
Colloquium Lectures, American Mathematical Society annual meeting, 1991
Gergen Lectures, Duke University, 1993
Progress in Mathematics Lecture, American Mathematical Society Mathfest, 1995
Tibor Rado lectures, Ohio State University, 1996
Fields Lecture, Fields Institute, University of Toronto, 1996
Cairns lectures, University of Illinois/Urgana-Champaign, 1996
Milliman Lectures, University of Washington, 1998
Simons Lectures, MIT, 2002
Rainich Lectures, University of Michigan, 2002

Honors

Recipient, National Academy of Sciences Award in Mathematics, 1992
Docteur Honoris Causa, Universite de Lille, 1993
Honorary Doctor of Science, Brown University, 1994
AMS Steele Prize, 2002
Member, American Academy of Arts and Sciences
Member, National Academy of Sciences
Member, American Philosophical Society