

**ROBERT D. MACPHERSON**  
**CURRICULUM VITAE**

Born: May 25, 1944, Lakewood, Ohio  
email: `rdm@ias.edu`

EDUCATION

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

EMPLOYMENT

2018–present	Professor Emeritus, Institute for Advanced Study
2007–2018	Hermann Weyl Professor, Institute for Advanced Study
1994–2007	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, Bures-sur-Yvette, France
Fall 1985	Institute for Advanced Study, Princeton
1985	CNR, Rome, Italy
1980–81	Institut des Hautes Etudes Scientifiques, Bures-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, Bures-sur-Yvette, France

PROFESSIONAL SOCIETY MEMBERSHIPS

- (1) American Mathematical Society
- (2) Society for Industrial and Applied Mathematics

## SERVICE

- (1) Member, Board of Trustees, Mathematical Sciences Research Institute, 1985–90
- (2) Member, Advisory Committee of the Division of Mathematical Sciences, National Science Foundation, 1991–94
- (3) Member, Joint Planning Committee of the National Academy of Sciences and the Academy of Sciences of Russia, 1993
- (4) Chairman, American Mathematical Society Committee on Relations with Soviet Mathematicians, 1989–92
- (5) Chairman, American Mathematical Society former Soviet Union Aid Fund Advisory Committee, 1992–95
- (6) Member, Advisory Committee, International Science Foundation for the Former Soviet Union, 1992–94
- (7) Member, Governing Board, Moscow Mathematical Institute, 1990–
- (8) Member, Visiting Committees:
  - (a) Brown University, Dept. of Math. 2014
  - (b) Massachusetts Institute of Technology Dept. of Math., 2001–
  - (c) Brandeis University Math. Dept. 1980,
  - (d) Northeastern University Math. Dept. 1987,
  - (e) University of Chicago Math. Dept. 1993,
  - (f) Minnesota Center for Computation and Geometry 1993,
  - (g) Yale University Math. Dept. 1994
  - (h) Harvard University Math. Dept. 1995–99
  - (i) Division of Mathematical Sciences, NSF, 1997
- (9) Editorial Board, Moscow Mathematical Journal, 2001–
- (10) Editor, Journal of the American Mathematical Society, 1990–93
- (11) Member, Editorial Board of *Compositio Mathematica*, 1992–
- (12) Member, Editorial Board of *International Mathematics Research Announcements*, 1991–1994
- (13) Associate Editor, *Selecta Mathematica*, 1994–
- (14) Member, Pure Mathematics Committee, MIT, 1989–1994
- (15) Chairman, Pure Mathematics Committee, MIT, 1990–91 and 1992–93
- (16) Member, Editorial Board of *Advances in Mathematics*, 1995–
- (17) Editor, *Annals of Mathematics*, 1995–2005
- (18) Member, Board on Mathematical Sciences, National Research Council, 1996–2000
- (19) Executive Officer, School of Mathematics, IAS 1997–2000
- (20) Chairman, Board on Mathematical Sciences, 1997–2000
- (21) Member, Scientific Advisory Committee (SAC), Mathematical Sciences Research Institute, 2004–2008
- (22) Park City Mathematics Institute
- (23) Program for Women and Mathematics

## CONFERENCES ORGANIZED

- (1) Connectivity Theorems, Brown University, 1979
- (2) Polylogarithms, Brown University, 1983
- (3) Regulators, Luminy, France (with C. Soule), 1987
- (4) Polylogarithms, MIT (with H. Sah), 1990

- (5) Motives, Seattle (with S. Kleiman, P. Deligne, J.-P. Serre, and K. Vilonen), 1991
- (6) Andre Weil—A Conference on His Work and its Influence (with P. Deligne, A. Borel), January 8–9, 1999
- (7) A Celebration of the Life and Work of Armand Borel (with P. Deligne), November 14, 2003
- (8) 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
- (9) School of Mathematics 75<sup>th</sup> 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, Zhiwei Yun, Menachem Lazar, Benjamin Schweinhart

#### SELECTED LECTURES

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

#### HONORS

- (1) Recipient, National Academy of Sciences Award in Mathematics, 1992
- (2) Docteur Honoris Causa, Université de Lille, 1993
- (3) Honorary Doctor of Science, Brown University, 1994
- (4) AMS Steele Prize, 2002
- (5) Heinz Hopf Prize, ETH Zürich, 2009
- (6) Colloquium Lecturer, American Mathematical Society annual meeting, 1991
- (7) Progress in Mathematics Lecturer, American Mathematical Society Mathfest, 1995

- (8) Member, American Academy of Arts and Sciences
- (9) Member, National Academy of Sciences
- (10) Member, American Philosophical Society