
Mathematics People

American Academy Elections

The American Academy of Arts and Sciences has announced the election of 159 new Fellows and 26 Foreign Honorary Members. Elections are made in recognition of distinguished contributions to science, scholarship, public affairs, and the arts.

Six elections were made in the Mathematics Section: ELWYN BERLEKAMP, University of California, Berkeley; SERGIU KLAINERMAN, Princeton University; NANCY KOPELL, Boston University; HENDRIK LENSTRA, University of California, Berkeley; DAVID VOGAN, Massachusetts Institute of Technology; and EFIM ZELMANOV, Yale University. Elected as a Foreign Honorary Member to the Mathematics Section was PAUL GEORGE MALLIAVIN, University of Paris.

— *American Academy of Arts and Sciences News Release*

Guggenheim Fellowships Awarded

The John Simon Guggenheim Memorial Foundation has announced the names of 152 Guggenheim Fellows for 1996. The awards are granted on the basis of unusually distinguished achievement in the past and exceptional promise for the future. The list of 1996 Fellows includes artists, writers, scientists, and humanities scholars.

Among the Fellows are six in the mathematical sciences. Their names, affiliations, and research areas are given below.

ANTHONY MICHAEL BLOCH, University of Michigan: The mathematics and dynamics of mechanical systems; GEORGE BOOLOS, Massachusetts Institute of Technology: Frege's attempt to reduce arithmetic to logic; BRUCE G. LINDSAY, Pennsylvania State University: A nonparametric approach to parametric statistics; KAREN HUNGER PARSHALL, University of Virginia: Mathematical culture in the time of J. J. Sylvester; STEPHEN A. VAVASIS, Cornell University: Geometry in scientific computing; and DAN VOICULESCU, University of California, Berkeley: Studies in noncommutative probability theory.

— *Guggenheim Foundation*

Rollo Davidson Prizes

The trustees of the Rollo Davidson Trust have announced that they have awarded Rollo Davidson Prizes for 1996 to JEAN BERTOIN, University of Paris VI, for his work on Lévy processes, and to BRUCE DRIVER, University of California, San Diego, for his work on stochastic analysis on path and loop spaces.

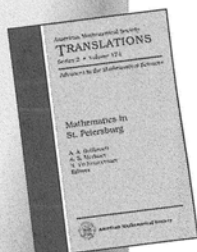
— *Announcement of the Rollo Davidson Trust*

Sloan Fellowships Awarded

The Alfred P. Sloan Foundation has announced the names of one hundred outstanding young scientists and economists selected to receive Sloan Foundation Research Fel-

Mathematics in St. Petersburg

A. A. Bolibruch, *Steklov Institute of Mathematics, Moscow, Russia*,
A. S. Merkur'ev, *University of Franche-Comte, Besancon, France*, and
N. Yu. Netsvetaev, *St. Petersburg State University, Russia*, **Editors**



This volume is dedicated to the 30th anniversary of the founding of the Academic Gymnasium of St. Petersburg University. From the day it was founded until recent times, the school was officially called the "Specialized Physico-Mathematical Boarding School #45 of Leningrad University" but was generally known as the "45th Boarding School".

Almost all of the authors of this volume graduated at different times from the 45th Boarding School and then studied at Leningrad University. The initial impetus for publishing this volume was a three-day conference held at St. Petersburg University in October 1993. The papers of the volume were mostly collected during the winter and spring of 1994.

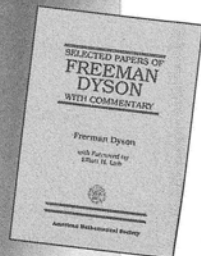
American Mathematical Society Translations—Series 2,
 Volume 174; 1996; 273 pp.; Hardcover; ISBN 0-8218-0559-2;
 List \$99, Individual member \$59; Order code TRANS2/174NA

Selected Papers of Freeman Dyson with Commentary

Freeman Dyson, *Institute for Advanced Study, Princeton, NJ*

The writings of Freeman Dyson are among the jewels that crown the subject [of theoretical physics] and today even the earliest among them can be read with profit and much pleasure by beginners and experts.

—from the Foreword by Elliott Lieb



This book offers a unique compilation of papers in mathematics and physics from Freeman Dyson's 50 years of activity and research. These are the papers that Dyson considers most worthy of preserving, and many of them are classics.

The papers are accompanied by commentary, explaining the context from which they originated and the subsequent history of the problems that either were solved or left unsolved. This collection offers

a connected narrative of the developments in mathematics and physics in which the author was involved beginning with his professional life as a student of G. H. Hardy.

This book is jointly published by the AMS and the International Press.

Collected Works, Volume 5; 1996; 601 pp.; Hardcover;
 ISBN 0-8218-0561-4; List \$59; All AMS members \$47;
 Order code CWORKS/5NA

All prices subject to change. Charges for delivery are \$3.00 per order, or for air delivery outside of the continental U.S., please include \$6.50 per item. Prepayment required. Order from: **American Mathematical Society**, P. O. Box 5904, Boston, MA 02206-5904. Or for credit card orders, fax (401) 331-3842 or call toll free 800-321-4AMS (4267) in the U.S. and Canada, (401) 455-4000 worldwide. Residents of Canada, please include 7% GST.



lowships. Each fellowship provides a grant of \$35,000. Fellows are free to pursue whatever lines of inquiry are of most interest to them, and they are permitted to use fellowship funds in a wide variety of ways to further their research aims.

More than 400 nominations were made for the 1996 awards. On the selection committee for mathematics were Spencer J. Bloch, William P. Thurston, and Karen K. Uhlenbeck.

The 1996 Sloan Fellows in mathematics are: **DAN ABRAMOVICH**, Boston University; **VALERY ALEXEEV**, University of Georgia; **TOBIAS H. COLDING**, New York University; **HENRI R. DARMON**, McGill University; **MATTHIAS FLACH**, California Institute of Technology; **DIANE HENDERSON**, Pennsylvania State University; **TOM ILMANEN**, Northwestern University; **SVETLANA JITOMIRSKAYA**, University of California, Irvine; **GREGOR KOVACIC**, Rensselaer Polytechnic Institute; **RANDY MCCARTHY**, University of Illinois at Urbana-Champaign; **ROBERT MORELLI**, University of Utah; **JEREMY QUASTEL**, University of California, Davis; **VICTOR REINER**, University of Minnesota; **XIAOCHUN RONG**, Rutgers University; **RICHARD E. SCHWARTZ**, University of Maryland; **LUIS A. SECO**, University of Toronto; **ZLIL SELA**, Columbia University; **REYER SJAMAAR**, Cornell University; **TATIANA TORO**, University of Chicago; and **JONATHAN WEITSMAN**, University of California, Santa Cruz.

—Sloan Foundation News Release

Erratum

The May 1996 issue of the *Notices*, page 578, carried an announcement about the CAREER awards made by the National Science Foundation. The announcement failed to mention that these awards were made in fiscal year 1995. The latest round of awards, for fiscal 1996, will be announced in an upcoming issue of the *Notices*.

—Allyn Jackson