Mathematics People

NSF Graduate Research Fellowships Announced

The National Science Foundation (NSF) has awarded its Graduate Research Fellowships for fiscal year 1999. This program supports students pursuing doctoral study in all areas of science and engineering and provides a stipend of $15,000 per year for three years of full-time graduate study. This is the first year in which the Graduate and Minority Graduate Research Fellowship competitions have been combined in a single program.

Listed below are the names of the 1999 awardees in the mathematical sciences, followed by their undergraduate institutions (in parentheses) and the institutions where they plan to pursue graduate work.

JAMES M. BELK (State University of New York, Binghamton), Princeton University; ANDREW A. BELLINGER (Princeton University), Harvard University; JEFFREY P. BURDGES (Georgia Institute of Technology), Princeton University; JASON M. BURNS (University of South Carolina, Columbia), University of South Carolina, Columbia; ELIZABETH A. BURROUGHS (University of North Carolina, Chapel Hill), University of New Mexico; FRANCESCO D. CALEGARI (Melbourne University), University of California, Berkeley; SAMIT DASGUPTA (Harvard University), Princeton University; WILLIAM M. DIRKS (Western Washington University), New York University; MARK C. DREW (Texas A&M University), Texas A&M University; DAVID A. DUMAS (Pennsylvania State University, University Park), Harvard University; URI T. EDEN (California Institute of Technology), Harvard University/Massachusetts Institute of Technology Program in Health Sciences & Technology; TRAVIS W. FISHER (University of Nebraska, Lincoln), University of Maryland, College Park; CHRISTOPHER A. FRANCISCO (University of Illinois, Urbana-Champaign), Cornell University; MARCI J. GAMBRELL (University of Chicago), University of California, Berkeley; ANDREI C. GNEPP (Harvard University), Massachusetts Institute of Technology; SARAH M. GROFF (Yale University), Massachusetts Institute of Technology; STEPHEN G. HARTKE (University of Dayton), Rutgers University; DAVID F. HELM (Harvard University), University of California, Berkeley; BRADEN K. HUNSAKER (Harvard University), Georgia Institute of Technology; ANDREW D. HUTCHINGS (Harvey Mudd College), Cornell University; KATHERINA J. KECHRIS (University of California, Los Angeles), University of California, Berkeley; CAROLINE J. KLIVANS (Cornell University), Massachusetts Institute of Technology; ELI B. LEBOW (Harvard University), University of California, Berkeley; PHILLIP D. LYNCH (University of Washington), University of Chicago; PAUL T. MACKLIN (University of Nebraska, Lincoln), New York University; KIMBALL L. MARTIN (University of Maryland, Baltimore County), University of Chicago; KEVIN P. MCBRIDE (University of Pittsburgh), Massachusetts Institute of Technology; SHARON K. MERRYMAN (Rice University), Harvard University; VIVEK MOHTA (Massachusetts Institute of Technology), Massachusetts Institute of Technology; AMANDA R. MUELLER (University of Notre Dame), Stanford University; ROBERT W. NEEL (Stanford University), Massachusetts Institute of Technology; TING FAI NG (University of Pennsylvania), Princeton University; BRIAN D. OSSERMAN (Harvard University), Harvard University; KATHERINE A. PAUR (Massachusetts Institute of Technology), Harvard University; JOSHUA B. PLOTKIN (Harvard University), University of California, Berkeley; RANJITHKUMAR RAJAGOPALAN (Harvey Mudd College), Georgia Institute of Technology; MICHAEL B. SILVERSTEIN (Cornell University), Duke University; JAN M. SKOTHEIM (Massachusetts Institute of Technology), Massachusetts Institute of Technology; ELIZABETH A. STUART (Smith

College), Cornell University; KATHRYN E. TEMPLE (University of Washington), Cornell University; THAO THANH THI TRAN (University of Florida), Harvard University; JULIANNA S. TYMOCZKO (Harvard University), Princeton University; MARTIN H. WEISSMAN (Princeton University), Harvard University; STEPHEN M. WHALEN (University of Nebraska, Lincoln), University of Minnesota, Twin Cities; and STEPHANIE T.-F. YANG (Princeton University), University of California, Berkeley.

Editor's note: The institutions of graduate study listed here are from the students' original applications. In some cases students will have switched institutions by the time the fellowship tenure begins.

—From NSF announcement

CAREER Awards Made

The National Science Foundation (NSF) has honored 338 outstanding new science and engineering faculty members in fiscal year 1998 with Faculty Early Career Development (CAREER) awards totaling approximately $80 million. The NSF established the awards to support promising scientists, mathematicians, and engineers who are committed to the integration of research and education. The grants run from four to five years and range from $200,000 to $500,000 each.

The mathematicians who were awarded CAREER grants and the titles of their grant projects are: MICHAEL BRENNER, Massachusetts Institute of Technology: Mathematics of nonlinear partial differential equations in applying techniques of nonlinear dynamics to fluid dynamics, acoustics, and biophysics; MERLISE CLYDE, Duke University: Model uncertainty, model selection, and robustness with applications in environmental sciences; and ARLIE PETTERS, Princeton University: Gravitational lensing geometry and optics.

—From NSF announcement

National Academy of Sciences Elections

The National Academy of Sciences (NAS) has announced the election of sixty new members and fifteen foreign associates. Following are the names and affiliations of the mathematicians who are among the newly elected members: RICHARD A. ASKEY, University of Wisconsin, Madison; ELWYN R. BERLEKAMP, University of California, Berkeley; RICHARD S. HAMILTON, University of California, San Diego; VAUGHAN F. R. JONES, University of California, Berkeley; DUSA M. MCDUFF, State University of New York, Stony Brook; and VLADIMIR ROKHLIN, Yale University. YAKOV G. SINAI of Princeton University was elected as foreign associate from Russia.

—From NAS announcement

Ferran Sunyer i Balaguer Prize Awarded

The Institut d'Estudis Catalans has awarded the seventh Ferran Sunyer i Balaguer Prize to PATRICK DEHORNOY of the Université de Caen for his monograph *Braids and Self-Distributivity*.

The prize consists of 1,800,000 pesetas (approximately $12,400). According to the terms of the prize, the monograph will be published in the Birkhäuser series Progress in Mathematics. The Ferran Sunyer i Balaguer Prize is awarded each year to a mathematical monograph of an expository nature presenting the latest developments in an active area of mathematics research in which the author has made important contributions.

—From an Institut d'Estudis Catalans announcement