Mathematics People

Tomczak-Jaegermann Awarded CRM-Fields-PIMS Prize

NICOLE TOMCZAK-JAEGERMANN of the University of Alberta has been awarded the 2006 CRM-Fields-PIMS Prize. The prize, awarded annually by the Centre de Recherches Mathématiques (CRM), the Fields Institute, and the Pacific Institute for the Mathematical Sciences (PIMS), recognizes exceptional contributions by a mathematician working in Canada. The prize carries a cash award of 10,000 Canadian dollars (approximately US$8,600) and an invitation to give a lecture at each institute.

Tomczak-Jaegermann was honored "in recognition of her exceptional achievements in functional analysis and geometric analysis." According to the prize citation, she "is one of the world's leading mathematicians working in functional analysis. She has made outstanding contributions to infinite dimensional Banach space theory, asymptotic geometric analysis, and the interaction between these two streams of modern functional analysis. She is one of the few mathematicians who have contributed important results to both areas. In particular, her work constitutes an essential ingredient in a solution by the 1998 Fields Medallist W. T. Gowers of the homogeneous space problem raised by Banach in 1932."

Tomczak-Jaegermann received her master's (1968) and Ph.D. (1974) degrees from Warsaw University in Poland. She taught at Warsaw University from 1975 to 1983 and held a visiting professorship at Texas A&M University from 1981 to 1983. She has been teaching at the University of Alberta since 1983 and currently holds a Canada Research Chair in Geometric Analysis. She was an invited lecturer at the International Congress of Mathematicians in 1998. Her awards include a Killam Research Fellowship and the Krieger-Nelson Prize Lectureship of the Canadian Mathematical Society. She is a Fellow of the Royal Society of Canada. She has served on committees of the Natural Sciences and Engineering Research Council of Canada (NSERC) and the Canadian Mathematical Society (CMS), as well as on the Canada Council Killam Research Fellowship Committee, the Canada Research Chairs College of Reviewers, and the scientific board of the Banff International Research Station (BIRS). She has also served as the University of Alberta site director of PIMS and as associate editor of the *Canadian Journal of Mathematics* and the *Canadian Mathematical Bulletin*.

The CRM and the Fields Institute established the CRM-Fields Prize in 1994 to recognize exceptional research in the mathematical sciences. In 2005 PIMS became an equal partner, and the name was changed to the CRM-Fields-PIMS Prize. Previous recipients of the prize are H. S. M. (Donald) Coxeter, George A. Elliott, James Arthur, Robert V. Moody, Stephen A. Cook, Israel Michael Sigal, William T. Tutte, John B. Friedlander, John McKay, Edwin Perkins, Donald A. Dawson, and David Boyd.

—From a Fields Institute announcement

AWM Essay Contest Winners Announced

The Association for Women in Mathematics (AWM) has announced the winners of its 2005 essay contest, "Biographies of Contemporary Women in Mathematics". The grand prize went to ARICA FONG, a student at Bucknell University, for her essay "Discovering Mathematics in Nature: Dr. Linda Smolka". This essay won first place in the college category and, as grand prize winner, will be published in the *AWM Newsletter*. The first-place winner in the grade 9–12 category was TYLER WOTTRICH, a student at Roseville Area High School in Roseville, Minnesota, for an essay titled "The Perseverance of a Woman in Actuarial Science: Nancy Myers". First place in the middle school category (grades 6–8) was awarded to NINA KAMATH of Joaquin Miller Middle School, Saratoga, California, for an essay titled "The Beauty of Mathematics". A complete list of the winners, as well as copies of their essays, can be found on the AWM website, http://www.awm-math.org/biographies/contest/2005.html.

—From an AWM announcement