
Mathematics People

TWAS Prizes Announced

The Academy of Sciences for the Developing World (formerly the Third World Academy of Sciences, TWAS) has announced its 2004 prizewinners. LONG YIMING of the Nankai Institute of Mathematics at Nankai University was awarded the prize in mathematics for fundamental contributions to Hamiltonian dynamics, in particular for establishing the index iteration theory for symplectic paths and deep studies on periodic solution orbits of Hamiltonian systems. SPENTA R. WADIA, Tata Institute of Fundamental Research, was awarded the physics prize for his contributions to non-perturbative quantum field theory and string theory.

The Academy of Sciences for the Developing World annually awards prizes of \$10,000 each to scientists from developing countries who have made outstanding contributions in the fields of agricultural sciences, biology, chemistry, earth sciences, engineering sciences, mathematics, medical sciences, and physics.

—From a TWAS announcement

Lemieux and Dick Win Information-Based Complexity Young Researcher Award

CHRISTIANE LEMIEUX of the University of Calgary and JOSEF DICK of the University of New South Wales have been awarded the second Information-Based Complexity Young Researcher Award. The award recognizes significant contributions to information-based complexity by researchers who have not reached their thirty-fifth birthday by September 30 of the year of the award. The prize consists of \$500 and a plaque. The prize committee consisted of Stefan Heinrich, Universität Kaiserslautern; Frances Kuo, University of New South Wales; Joseph F. Traub, Columbia University; Arthur Werschulz, Fordham University; and Henryk Wozniakowski, Columbia University and University of Warsaw.

—Joseph Traub, Columbia University

Professor of the Year Awards Announced

ROBERT L. DEVANEY of Boston University and STEPHEN J. GREENFIELD of Rutgers University have been chosen to receive State Professor of the Year awards by the Carnegie Foundation

for the Advancement of Teaching and the Council for Advancement and Support of Education (CASE), which cosponsor the awards. The Professor of the Year Awards are intended to reward outstanding professors for their dedication to teaching, their commitment to students, and their innovative instructional methods.

The State Professors of the Year Award Program selects outstanding educators in all fifty states, the District of Columbia, Guam, Puerto Rico, and the U.S. Virgin Islands. Winners receive personalized award certificates and receive national and local media recognition. State and national winners are chosen on the basis of their dedication to undergraduate teaching, determined by excellence in the following four areas: impact on and involvement with undergraduate students; scholarly approach to teaching and learning; contributions to undergraduate education in the institution, community, and profession; and support from colleagues and current and former undergraduate students.

—From a Carnegie Foundation announcement

Young Mathematician Honored in Siemens Westinghouse Competition

PO-LING LOH, a senior at James Madison Memorial High School in Madison, Wisconsin, has been awarded a \$50,000 scholarship in the national Siemens Westinghouse Competition in Math, Science, and Technology for her project “Closure Properties of D_{2p} in Finite Groups”. She studied a generalized version of a problem posed by the topologist E. Farjoun about closed embeddings of finite groups in finite groups. Her mentor on her project was Michael Aschbacher of the California Institute of Technology.

Loh is a member of the varsity math team, the Knowledge Masters team, and the National Honor Society. She has participated in the American Mathematics Competitions, writing a perfect paper in the 2003 competition, and was one of the top twelve students in the 2003 USA Mathematical Olympiad. She is also a MathCounts student coach and a peer tutor. She aspires to become a math teacher.

—From a Siemens Foundation announcement