Mathematics People

1995 Bergman Trust Prize Awarded

HAROLD P. BOAS and EMIL J. STRAUBE have been named joint awardees of the Stefan Bergman Trust for 1995. The trust, established in 1988, recognizes mathematical accomplishments in the areas of research in which Stefan Bergman worked.
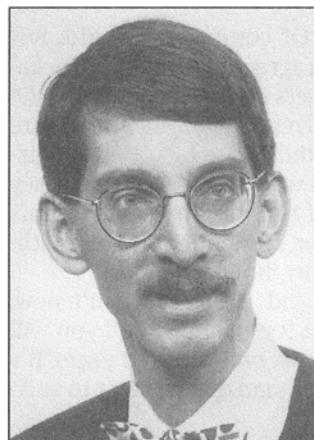
The previous beneficiaries of the trust are: David W. Catlin (1989), Steven Bell and Ewa Ligocka (1991), Charles Fefferman (1992), Yum Tong Siu (1993), and John Erik Fornæss (1994). On the selection committee for the 1995 award were Frederick Gehring, J. J. Kohn (chair), and Yum Tong Siu.
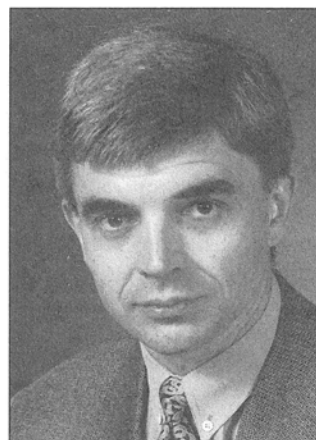
Award Citation

Boas and Straube have had a very fruitful collaboration and have proved a series of important results in the theory of several complex variables. In particular, they have made spectacular progress in the study of global regularity of the Bergman projection and of the $\bar{\partial}$-Neumann problem. They have established global regularity, in the sense of preservation of Sobolev spaces, on a large class of weakly pseudoconvex domains. This is a remarkable achievement, since it gives natural conditions for global regularity in cases where local regularity does not hold; it also gives rise to a series of important problems concerning global regularity in situations when the Sobolev spaces are not preserved.

Biographical Sketches

Harold P. Boas was born on June 26, 1954, in Evanston, Illinois. He received his A.B. and S.M. degrees in applied mathematics from Harvard University in 1976 and his Ph.D. in mathematics from the Massachusetts Institute of Technology in 1980 under the direction of Norberto Kerzman. He was a J. F. Ritt Assistant Professor at Columbia University (1980–1984) before moving to Texas A&M University, where

Harold P. Boas

Emil J. Straube

he advanced to the rank of associate professor in 1987 and full professor in 1992. He has held visiting positions at the University of North Carolina at Chapel Hill.

Emil J. Straube was born August 27, 1952, in Flums, Switzerland. He received his diploma in mathematics from the Swiss Federal Institute of Technology (ETH) in 1977 and his Ph.D. in mathematics, also from ETH, in 1983 under the direction of Konrad Osterwalder. He was a visiting research scholar at the University of North Carolina (1983–1984), a visiting assistant professor at Indiana University (1984–1986), and a visiting assistant professor at the University of Pittsburgh (1986–1987). He became an assistant professor at Texas A&M University in 1987 and was promoted to the rank of associate professor in 1991.

About the Prize

The Bergman Prize honors the memory of Stefan Bergman, best known for his research in several complex variables as well as the Bergman projection and the Bergman kernel function, which bear his name. A native of Poland, he taught at Stanford University for many years and died in

1977 at the age of 82. He was an AMS member for 35 years. When his wife died, the terms of her will stipulated that funds should go toward a special prize in her husband's honor.

The AMS was asked by Wells Fargo Bank of California, the managers of the Bergman Trust, to assemble a committee to select recipients of the prize. In addition, the Society assisted Wells Fargo in interpreting the terms of the will to assure sufficient breadth in the mathematical areas in which the prize may be given. Awards are made every year in the following areas: (1) the theory of the kernel function and its applications in real and complex analysis; and (2) function-theoretic methods in the theory of partial differential equations of elliptic type with attention to Bergman's operator method.

—AMS News Release

Astala Awarded Salem Prize

The 1994 Salem Prize has been awarded to K. ASTALA of the University of Jyvaskala for his work on quasiconformal mapping and distortion. The prize, established in 1968, is given each year to a young mathematician who is judged to have done outstanding work in the area in which Raphaël Salem worked, primarily Fourier series and related topics. The selection committee for the 1994 prize consisted of J. Bourgain, V. Havin, Y. Katznelson, and E. M. Stein.

—J. Bourgain, Institute for Advanced Study

Fulbright Awards Announced

The J. William Fulbright Foreign Scholarship Board and the United States Information Agency made more than 800 awards to visiting academics, professionals, and independent scholars to lecture or conduct research in the United States during 1994–95.

The list below contains the name of each mathematics grantee and his or her permanent institutional affiliation, followed by the institution he or she will be visiting.

YANIV ALMOG, Technion-Israel Institute of Technology, Massachusetts Institute of Technology; GIAN M. BESANA, University of L'Aquila (Italy), University of Notre Dame; TIMOTHY T. DUNNE, University of Cape Town (South Africa), Indiana University; AHMED F. GHALEB, Cairo University (Egypt), Princeton University; TATIANA VELKOVA IVANOVA, Bulgarian Academy of Sciences, Massachusetts Institute of Technology; GEORGI E. KARADZHOV, Bulgarian Academy of Sciences, University of California, Los Angeles; JAN KRATOCHVIL, Charles University (Czech Republic), University of Oregon; JILALI MIKRAM , Mohammed V University (Morocco), Pacific Lutheran University; KENNETH O. NORDSTROM, University of Helsinki (Finland), University of Maryland, Baltimore County; RIMAS NORVAISA, Institute of Mathematics and Informatics (Lithuania), Massachusetts Institute of Technology; KATALIN PAPPNE KOVACS, Eötvös

Loránd University (Hungary), University of Illinois at Urbana-Champaign; LARS T. RYDEN, Lund University (Sweden), University of California, Berkeley; FATIN SEZGIN, Ataturk University (Turkey), Syracuse University; RENATO SPIGLER, University of Lecce (Italy), Duke University; DIMITRINA NINOVA STAVROVA, University of Sofia (Bulgaria), Auburn University; JOZSEF TEMESI, Budapest University of Economic Sciences (Hungary), University of New Hampshire; GRAEME WAKE, Massey University (New Zealand), Claremont Graduate School; GHEORGHITA G. ZBAGANU, Romanian Academy of Sciences, Rockefeller University; and PAVOL ZLATOS, Comenius University (Slovak Republic), University of Illinois at Urbana-Champaign.

—Chronicle of Higher Education

Guggenheim Fellowships Awarded

The John Simon Guggenheim Memorial Foundation has announced the names of 152 Guggenheim Fellows for 1995. The awards, totaling $4.3 million, are granted on the basis of unusually distinguished achievement in the past and exceptional promise for future accomplishment. The list of new 1995 Fellows includes artists, writers, scientists, and humanities scholars.

Seven mathematical scientists were among the 1995 awardees. Their names, affiliations, and areas of research are indicated below.

YAKOV ELIASHBERG, Stanford University, studies in symplectic and contact topology; YURI GUREVICH, University of Michigan, foundational issues in computer science; TIEN-YIEN LI, Michigan State University, studies in polynomial systems; HENRI MOSCOVICI, Ohio State University, Chern-Weil theory for pseudomanifolds; INGRAM OLKIN, Stanford University, studies of multivariate distributions; SORIN TEODOR POPA, University of California, Los Angeles, classification of subfactors; and MICHAEL S. WATERMAN, University of Southern California, computational methods for DNA and protein sequences.

—from Guggenheim Foundation News Release

Deaths

FRANCES E. BAKER, Professor Emeritus of Vassar College, Poughkeepsie, NY, died on April 4, 1995. Born on December 19, 1902, she was a member of the Society for 42 years.

ALBERT L. BLAKERS, Professor Emeritus of the University of Western Australia, died on March 6, 1995. Born on January 2, 1917, he was a member of the Society for 47 years.

ROBERT H. BREUSCH, Professor Emeritus of Amherst College, Amherst, MA, died on March 29, 1995. Born in April 1907, he was a member of the Society for 51 years.

WILLIAM V. CALDWELL, retired from the Department of Mathematics at the University of Michigan-Flint, died on Feb-

ruary 23, 1995. Born on September 3, 1917, he was a member of the Society for 39 years.

RUSSELL JAMES EGBERT, of California State University at Fullerton, died on January 12, 1995. Born on August 13, 1937, he was a member of the Society for 32 years.

BURRELL W. HELTON, of San Marcos, TX, died on February 19, 1995. Born on March 17, 1917, he was member of the Society for 35 years.

RICHARD F. KING, retired from the Argonne National Laboratory in Argonne, IL, died on February 11, 1995. Born on April 28, 1924, he was a member of the Society for 40 years.

SPYRO-GIORGIO MANTZIVIS, of Athens, Greece, died on September 16, 1994. Born on December 12, 1957, he was a member of the Society for 6 years.

CLARK C. MILLER, president of the Clark C. Miller Corporation in Arlington, VA, died on July 28, 1994. Born in October 1943, he was a member of the Society for 22 years.

DRAGOSLAV S. MITRINOVIC, Professor Emeritus of the University of Belgrade, Belgrade, Serbia, died on April 2, 1995. Born in 1908, he was a member of the Society for many years.

LEE A. RUBEL, Professor Emeritus of the University of Illinois-Urbana, died on March 25, 1995. Born on December 1, 1928, he was a member of the Society for 43 years.

Erratum

The date of death for RAPHAEL M. ROBINSON (May 1995, p. 575) was incorrectly listed as December 11, 1994. The correct date is January 27, 1995. The *Notices* regrets this error.