

ROBERT BRADFORD NEWMAN NEWSLETTER 92

S T U D E N T A W A R D F U N D

Seven Medals Awarded to Students During 1992

In 1992, the seventh year of the Robert Bradford Newman Student Award Medal program, nine students were selected to receive the medal "For Merit in Architectural Acoustics." Among the list of recipients below, two new architectural schools are represented—The University of Texas at Arlington, and University of Kansas —bringing the seven-year total of schools represented to twenty-seven.

Following is a list of recipients of medals and their projects:

Anthony J. Alduino

Pennsylvania State University
Cornell University Biotechnology
Research Facility

Bruce R. Davis

Rhode Island School of Design
Acoustical Analysis of Roger Williams
First Baptist Church, Providence, RI

Lisa M. Grau

Oklahoma State University
Ward Museum of Wildfowl Art

Kimberly Anne Murray

Clemson University
Acoustics of Atria

Phillip J. Parrott

Iowa State University
Acoustical Design of an Educational
Auditorium to Seat 800 Persons

Gerald Raasch

University of Texas at Arlington
Environmental Control I
(Acoustics Section)

Jason David Swan

University of Kansas
Remedial Acoustic Treatment of
Anschutz Science Library,
University of Kansas

Rose S. Tardao

Clemson University
Acoustics of Atria

Nicola Walter

Princeton University
New Recital Hall for Princeton Campus



Jason David Swan, first medalist at the University of Kansas, receiving the award.

Newman Memorial Fund at M.I.T.

Shortly after Robert B. Newman's death in 1983, Bolt Beranek and Newman, Inc. donated a fund to the Architecture Department at M.I.T. in his memory, to be used for student enrichment.

Several students have benefited from the fund during the interim and in March 1991, five students were sponsored by the fund to present a paper on "Noise Control and Acoustical Comfort in Two Shopping Malls" at the International Colloquium of Sonic Quality in Housing and the Living Environment, under the auspices of the Laboratoire de Recherche Architectural of the University of Grenoble, in France. The five students were Peter Colao, Dan Henderson, Jane Lee, Courtney Moriarta, Alyssa Parker.

Newman 10th Anniversary Reception Planned for 1993

Mary Newman, permanent Honorary Chairman of the Robert Bradford Newman Student Award Fund, has announced that she will host a reception in September 1993, to be held at her home in Lincoln, Massachusetts, to mark the anniversary of her husband's death.

Mrs. Newman has for some time wished to extend tangibly her appreciation to all participants in the Fund's activities and to the many donors and sponsors around the world and, above all, to the students of architectural acoustics who have benefited from the teaching efforts encouraged by the Fund.

The reception in 1993 will be in lieu of the benefit concerts that have been given at M.I.T. in February during the past five years. Mrs. Newman says that it is not inconceivable that a suitable musician may be found to entertain the guests in the "acoustically correct" living room that Bob Newman designed when building their new home in Lincoln in 1967.

Invitations will be mailed during the summer and it is hoped that friends of the Fund may be able to attend, from far and wide.

Tony Hoover Awarded 1992 Schultz Grant

K. Anthony Hoover has been awarded the second Theodore John Schultz Grant, sponsored by the Newman Student Award Fund. Hoover is a Principal consultant on the staff of Cavanaugh Tocci Associates, Inc. and teaches courses on architectural and acoustical aspects of performance and recording facilities at the Berklee College of Music in Boston.

Hoover's grant will help to fund the preparation of a text he has developed on the fundamentals of acoustics, based on the landmark courses in architectural acoustics originally taught by the late Professor Robert Newman. Hoover and other teachers of architectural acoustics have used preliminary versions of Newman's texts at the Boston Architectural Center and at other architectural schools as well. Hoover has an MS degree in acoustics from the Pennsylvania State University.

Hoover's own text, entitled "An Appreciation of Acoustics", may be ordered from the Fund address with a \$25 check made payable to the Robert Bradford Newman Student Award Fund.

(Cont. on p. 2)

1992 Schultz Grant

(Cont. from p. 1)

The Newman Fund's Advisory Committee has announced that the third Schultz Grant will be awarded in the summer of 1994. Applicants for this Grant will be solicited during the fall of 1993.

Updated Report on Activities of 1987 Newman Medalist

Ed Clautice was awarded a Newman Medal in 1987 for his work in architectural acoustics modeling at the University of Florida, in Gainesville. The award recognized his research into the use of an analog-to-digital converter to evaluate impulse responses for models of proposed auditorium designs. Professor Gary Siebein, the first recipient of the Theodore John Schultz Grant, in 1990, was his Thesis Chairman.

Clautice's initial interest in acoustics developed during his three years at the University of Florida, working for his Master in Architecture degree. Subsequently, he worked as an HVAC designer in Washington, D.C., and then switched to acoustics consulting for BBN in Cambridge for two years. Today, he is working with the engineering firm of Newcomb and Boyd, in Atlanta, involved in all facets of architectural acoustics consulting, from room acoustics to HVAC noise control.

Clautice is also active professionally and is on an ASHRAE committee on Sound and Vibration to understand better the levels and temporal characteristics which determine the acceptability of low frequency noise levels. This study will use standard, quantitative, psychological methods that help to identify the importance of each factor, as well as the data spread one might anticipate with a large sample of observers.

Peruvian Medalist Studies in Florida

Carlos Jimenez-Dianderas, a 1990 recipient of the Newman Medal at Ricardo Palma University in Lima, has come to Florida on a Fulbright Grant to study one year to receive a Master in Science in Architectural Studies. He will be working with Professor Gary W. Siebein who received the Theodore J. Schultz Grant in 1990 for research and teaching.

1990 Schultz Grant-Supported Teaching Video Now Available

Professor Gary W. Siebein, Director of the University of Florida's Architectural Research Center, has announced that the final edited version of the video tape, demonstrating basic acoustical principals, using ultrasonic scale modeling techniques, is now available. The preparation of this video tape was funded, in part, by the 1990 Schultz Grant.

Copies of the tape (VHS only) are available from the Newman Fund for \$50. Make checks payable to the Newman Student Award Fund.

Fund Advisory Committee Members Present Paper at ACSA Conference

Red Wetherill, Bill Cavanaugh and David Egan presented a paper entitled "Teaching Acoustics to Architects" at the February 1992 Technology Conference of the Association of Collegiate Schools of Architecture.

Red Wetherill, who presented the paper, noted that this excellent opportunity to promote the Newman Student Award Fund's accomplishments and activities was not missed. The full paper will be published in the upcoming ACSA's Conference Proceedings. Sound and Vibration Control Journal Editor, Ted Uzzle, obtained permission to publish an abridged version of the paper in the August 1992 issue of the S & VC which has a circulation of over 20,000.

Copies of this paper are available from the Fund address, at no cost, upon request.

Robert Bradford Newman Student Award Fund

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