

ROBERT BRADFORD NEWMAN NEWSLETTER 96

STUDENT AWARD FUND

Eight Medals Awarded to Students During 1996

In 1996, the eleventh year of the Robert Bradford Newman Student Award Medal program, eight students were selected to receive the medal "For Merit in Architectural Acoustics." Two of this year's recipients attend architectural schools not previously represented on the awards list—the University of Waterloo in Ontario and the École D'Architecture de Paris, Belleville, France.

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

Katherine Bambrick Ambroziak
Princeton University
Outdoor Performing Area of the Boys
Choir of Harlem

Fiorella Dinoi
University of Waterloo, Ontario
Acoustics in Atrium Spaces

Jennifer Drain
Roger Williams University
Priscilla Beach Performing Arts Center
Plymouth, MA

Joseph Louis King
Clemson University
Acoustic Solutions for an AIDS Inpatient
Environment

Robert M. Lilkendey
University of Florida
Noise Exposure and Hearing Conservation Programs for Construction Workers

Thomas J. McGraw
University of Kansas
An Acoustical Survey of Selected Lecture
Halls at the University of Kansas

Marie-Catherine Sklavenitis
École D'Architecture de Paris
Rénovation de la salle Popesco du
Théâtre Marigny à Paris

Deirdre Terzian
Massachusetts Institute of Technology
The Movement of Sound Through the
Galleries at the Davis Museum



Mary Shaw Newman & Leo L. Beranek

David Eplee Fund to Provide Beranek Book for All Future Medalists

A special fund was established in 1996 in memory of David Eplee, a medalist in 1989, who designated that the Newman Student Award Fund should be the recipient of a gift from his estate.

The Committee has chosen to utilize this fund to give an autographed copy of Leo L. Beranek's new book, *CONCERT AND OPERA HALLS*, to all medalists in 1997 and henceforth. The book describes concert and opera halls throughout the world that have been carefully evaluated by Dr. Beranek in his capacity as the "Father of Modern Acoustics"

1996 Schultz Grant Awarded to Gary W. Siebein; New Grant for 1997 Announced

Gary W. Siebein, Professor and Director, Architectural Technology Research Center, at the University of Florida, in Gainesville, has been awarded the fourth Theodore John Schultz Grant, sponsored by the Newman Student Award Fund.

Professor Siebein, a Principal of Siebein Associates, providing consulting services in architectural acoustics, was selected from a group of applicants considered for this grant which is awarded every year or two to teachers of architectural acoustics. Professor Siebein was also the recipient of the first Schultz Grant in 1990.

The grant will be used to prepare "An Acoustical History of Theaters and

Concert Halls, Parallel Developments in Music, Performance Spaces and the Orchestra". The multi-media presentations that will be the product of this study will be available in the future at no cost to the schools of architecture.

The Advisory Committee has also announced that a fifth Schultz Grant will be awarded in 1997. The grant provides partial support to the development of improved teaching methods, new curricula, or research in architectural acoustics education. Applicants must have teaching experience in acoustics and should manifest a strong desire to develop improved methods of teaching architectural acoustics.

Applicants for this grant should send a curriculum vitae, a letter describing how the grant will be used, and an outline budget indicating expenses for which support is being sought. Applications and attachments should be postmarked no later than June 30, 1997, and mailed to: Schultz Grant, c/o Newman Student Award Fund, P.O. Box 6349, Lincoln Center, MA 01773

For further information, applicants are encouraged to contact Carl Rosenberg (617-499-8052) or Bill Cavanaugh (508-443-7871).

University of Kansas Focus on Architectural Acoustics

The Architectural Engineering Department at the University of Kansas in Lawrence, KS now offers three courses in acoustics, a basic Building Acoustics course and two in-depth courses focusing on Architectural Acoustics. Professor Brian A. Rock and Robert C. Coffeen—a principal in the acoustical consulting firm, Coffeen Frick and Associates, Inc., who lectures at the University—describe the growing importance of this critical area of study which attracts a hundred or more undergraduate and graduate students each year.

Courses cover fundamentals of sound, room acoustics, noise control, mechanical and electrical systems noise control, measurement and instrumentation, electro-acoustics sound reinforcement

(cont. on other side)

and design practices. Architecture students may complete acoustical design projects as a part of their senior design studies. Each year students submit design projects to compete for the Robert Bradford Newman Student Award Medal.

Information on the faculty and program is available on the World-Wide Web site at <http://energy.arce.ukans.edu/>, or from the University's Architectural Engineering Department, Marvin Hall, Lawrence KS 66045-2222.

Eleven Year Review of Medalists, at 31 Schools

1996 marks the eleventh year of the Newman Student Award Medal program. During these years, medals have been given "For Merit in Architectural Acoustics" to a total of 101 students.

In addition to these medals, books—which will now include (starting in 1997) Beranek's Concert and Opera Halls (1996)—have also been presented to all medalists. They are:

Halls for Music Performance, Two Decades of Experience, edited by Talaske, Wetherill & Cavanaugh (1982)

Acoustics of Worship Spaces, edited by Lubman & Wetherill (1985)

Theaters for Drama Performance, Recent Experience in Acoustical Design, (1987), edited by Talaske & Boner.

Acoustical Design of Music Education Facilities, edited by McCube & Talaske (1990)

Approximately one-third of the projects for which students have been recognized have involved research projects, whereas the remainder have related to specific building applications. Approximately two-thirds of these building applications have focused on listening and performance spaces.

The 31 schools that have, to date, participated in this program include 5 architectural schools outside of the United States and one music school, the Berklee College of Music, in Boston, a school that offers a full course in Architectural Acoustics.

The following is a list of these 31 Institutions. The number of students who have been awarded the Newman medals during the past eleven years is also indicated:

UNITED STATES

Schools of Architecture

Boston Architectural Center	6
California Polytechnic State University	1
Clemson University	12
Cornell University	1
Georgia Institute of Technology	1
Harvard Graduate School of Design	2
Iowa State University	4
Kent State University	1
Massachusetts Institute of Technology	4
Oklahoma State University	6
Pennsylvania State University	6
Princeton University	6
Rhode Island School of Design	8
Roger Williams University	2
Southern California Institute of Architecture	1
University of Arizona	1
University of California, Los Angeles	1
University of Florida	11
University of Illinois	1
University of Kansas	5
University of Maryland	3
University of North Carolina, Charlotte	3
University of Texas, Arlington	1
Virginia Polytechnic Institute	1

Music Schools

Berklee College of Music	1
--------------------------	---

INTERNATIONAL

Cambridge University, England	1
École D'Architecture de Paris, France	1
University of Auckland, New Zealand	6
University Ricardo Palma, Lima, Peru	2
University of Waterloo, Ontario	1
University of Western Australia	1

Robert Bradford Newman Student Award Fund

Advisory Committee:

Christopher H. Blair
Richard H. Bolt
William J. Cavanaugh
John A. Curtis
M. David Egan
Timothy J. Foulkes
Richard E. McCommons
Mary Shaw Newman
Carl J. Rosenberg
Ewart A. Wetherill

Sponsor:

The Greater Boston Chapter of the Acoustical Society of America, with the cooperation of:
Acentech Inc.
The Association of Collegiate Schools of Architecture
The Boston Architectural Center
Committee on Education in Acoustics, ASA
Harvard University Graduate School of Design
Institute of Noise Control Engineering
MIT School of Architecture and Planning
National Council of Acoustical Consultants
Rhode Island School of Design
Riverbank Acoustical Laboratory
Technical Committee on Architectural Acoustics, ASA

Please address correspondence to:

RBN Student Award Fund
P.O. Box 6349
Lincoln Center, MA 01773
Telephone: 617-259-9299
Fax: 617-259-8136

