

# ROBERT BRADFORD NEWMAN

NEWSLETTER 93

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

## Five Medals Awarded to Students During 1993

In 1993, the eighth year of the Robert Bradford Newman Student Award Medal program, five students were selected to receive the medal "For Merit in Architectural Acoustics." Among the schools listed below, Boston's Berklee College of Music is a new entrant, an internationally renowned school of music which includes an extensive program of courses in music-related production and engineering.

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

### Joseph Allen Gusse'

Oklahoma State University

A Proposal for Improved Acoustics of the Seretean Center Concert Hall

### Todd A. Koch

University of Kansas

Providing a More Comfortable Thermal and Acoustical Environment for a Multipurpose Gymnasium Space

### Michael D. McLaughlin

Pennsylvania State University

Analysis of the Acoustical Performance for The United Presbyterian Church Sanctuary

### David A. Sumy

Berklee College of Music

Psychoacoustic Examples and Auditory Illusions Using C-Sound

### James P. Templeton

Rhode Island School of Design

Excellence in the Study of Acoustics

## Newman Fund to Participate in Sabine Centennial at MIT, June 1994

Many friends of the Newman Student Award Fund, from all over the world are planning to attend and participate in the 3-day symposium at MIT, celebrating a century of progress in architectural acoustics since the seminal work of Wallace Clement Sabine at Harvard University in 1895.



Wallace Clement Sabine

The Newman Fund, with the Technical Committee on Architectural Acoustics, will co-sponsor a student design competition. Students of architecture will be invited to submit solutions to a Lecture Hall Design Problem based on the original program for Hunt Hall, the Fogg Art Museum lecture hall building where Sabine conducted some of his early experiments.

The students' projects will be judged by members of the Newman Fund Advisory Committee, the National Council of Acoustical Consultants, and the Acoustical Society of America. Architectural faculty desiring further information on the Student Design Competition should contact Red Wetherill (415-391-7610). For further details on the symposium and for registration information, write to:

The Sabine Centennial Symposium  
MIT Conference Services  
Room 7111  
77 Massachusetts Avenue  
Cambridge, MA 02139  
Tel: 617-253-1703  
Fax: 617-253-7002

## Video & Book Developed by Schultz Grant Recipients Now Available

Instructional material developed by two earlier recipients of the Schultz Grant is now available from the Robert Bradford Newman Student Award Fund, P.O. Box 6349, Lincoln Center, MA 01773.

"Demonstration of Basic Acoustical Principles, Using Scale Models" is a 36-minute video tape presented by Gary W. Siebein, Architectural Technologies Research Center, University of Florida, the recipient of the 1990 Schultz Grant. The video tape was produced by the Office of Instructional Resources, at the University.

\$50

"An Appreciation of Acoustics" is a soft-cover book, suitable for teaching basic architectural acoustics for architects, engineers, and audio media technologists, prepared by K. Anthony Hoover, Adjunct Faculty, Berklee College of Music, Boston, recipient of the 1992 Schultz Grant.

\$25

Checks should be made payable to: Newman Student Award Fund. Prices include shipping costs. Please include full shipping address with orders.

## Third Schultz Grant Announced for 1994

In late 1994 the Newman Student Award Fund will award its third grant available to teachers and researchers in architectural acoustics education. The grant is named in memory of Theodore John Schultz, a distinguished architectural acoustician and charter member of the Newman Fund Advisory Committee. (See report above on the availability of teaching material produced by former recipients of the Schultz Grant.)

The grant partially supports 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 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, 1994, 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)

## Review of 8-Year History of Newman Student Awards

The Robert Bradford Newman Student Award Fund's fundamental objective is to promote the teaching of architectural acoustics, and to honor those students who demonstrate excellence in applying its principles to architectural research and design studies. A review of the 8-year history of these awards indicates the broad range of the seventy-three medalists, in terms of the number of schools where these students have been honored.

These seventy-three medals, awarded since the program was initiated in 1986, have been awarded at twenty-seven different Schools of Architecture within the United States and, one each, in Australia, New Zealand and Peru.

Seven of the medalists have become professional consultants in acoustics, others are now teaching courses in acoustics at their Alma Mater or elsewhere, and many are practicing architects or engineers who solve real world acoustical problems. There is no question that people are increasingly aware of the possibilities and the value of good acoustics in buildings.

In a recent letter written to Mary Newman by Michael D. McLaughlin, one of the 1993 recipients of a Student Award Medal, the writer stated, "I would also like to thank you and the Committee for establishing this award in Mr. Newman's memory. It is through these awards that students feel supported and appreciated by professionals of the world. This is especially true in the narrow and often neglected field of acoustics. Thank you for



Todd A. Koch, University of Kansas receiving award from Prof. Brian A. Rock

believing and inspiring us." Surely, this observation eloquently supports the continued efforts of the Newman Student Award Fund.

## Fall Reception in Lincoln for Student Award Fund

Invitations were sent to the local area for a reception on September 18, 1993, when Mary Shaw Newman welcomed fifty friends of the Fund at her home in Lincoln.

It was a warm social occasion at which many people had the opportunity to renew acquaintances and remember Bob Newman. Music was provided by Evelyn B. Harris, pianist, in the acoustically designed living room of the Newman home.

## Richard E. McCommons Joins Award Fund's Committee

Richard E. McCommons, FAIA, has recently joined the Advisory Committee of the Student Award Fund.

Mr. McCommons lives in Washington, D.C., where he established a private architectural practice in 1972. His other activities include the position of Executive Director of Collegiate Schools of Architecture (ACSA) and membership on the Board of Trustees for the National Institute of Architectural Education. His extensive experience in the practice of architecture and in numerous organizations related to architectural education should prove to be a valuable asset to the Advisory Committee. We look forward to his participation.

## Robert Bradford Newman Student Award Fund

### Advisory Committee:

Lawrence B. Anderson  
Christopher H. Blair  
Richard H. Bolt  
Mary Schultz Carter  
William J. Cavanaugh  
John A. Curtis  
M. David Egan  
Timothy J. Foulkes  
Gary A. Hampel  
Richard E. McCommons  
Mary Shaw Newman  
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### Sponsor:

The Greater Boston Chapter of the Acoustical Society of America, with the cooperation of:

Acentech Inc.  
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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

