

# ROBERT BRADFORD NEWMAN

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

### Ten Medals Awarded to Students During 1994

In 1994, the ninth year of the Robert Bradford Newman Student Award Medal program, ten students were selected to receive the medal "For Merit in Architectural Acoustics."

In addition to these ten students, four students, not previously listed in the 1993 newsletter, were also selected to receive the medal.

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

#### 1993

##### **Jacob Atcheson**

University of Auckland  
A Report on the Acoustical Effects of Coupled Volumes

##### **Martin A. Gold**

University of Florida  
Subjective Assessment of Spatial Impression

##### **Jason R. Trimble**

University of Auckland  
The Influence of Component Arrangement on Tandem Absorber Performance

##### **Justene M. Urry**

University of Auckland  
A Report on the Acoustical Effects of Coupled Volumes

#### 1994

##### **Gigi A. Bainbridge**

Rhode Island School of Design  
A Performing Arts Theatre

##### **Klas J. Campbell**

University of Kansas  
Control of Duct-Borne Noise Without Man-Made Mineral Fibers

##### **Antonio Pedro O. Carvalho**

University of Florida  
Objective Acoustical Analysis of Room Acoustic Measurements in Portuguese Roman Catholic Churches

##### **Laura T. DeBonis**

Boston Architectural Center  
The Boston Conservatory/Academy of Brass and Woodwinds



Lawrence B. Anderson

##### **Mehmet S. Dogu**

Princeton University  
Living Cultural Artifacts: A Case of the Mosque and the Highway

##### **Karl Lucas Peterman**

Pennsylvania State University  
Biological Science Center at the University of New Hampshire

##### **Michael J. Shearman**

Princeton University  
Acoustical Design for a New Concert Hall in Copenhagen

##### **David Robert Smith**

University of North Carolina, Charlotte  
Spirit Square Center for the Arts, Charlotte, NC

##### **Kimberly A. Starr**

Princeton University  
Designing the Copenhagen Concert Hall

##### **Charles Walton Tilley**

Clemson University  
Community Theatre, John Tyler Community College, Chesterfield, VA

### Lawrence B. Anderson Dies, Architect and Former Dean

Lawrence B. Anderson, 87, a widely known architect, educator and watercolor artist who served as Dean of the School of Architecture and Planning at MIT, died April 6. He was a member of the Newman Award Fund Advisory Committee.

While a graduate student at MIT, Anderson was awarded the Paris Prize, at that time considered to be the most distinguished of all student prizes for postgraduate study at the Ecole des Beaux Arts in Paris and travelling in Europe. He returned to MIT as an assistant professor of architecture in 1933, rising to become the Dean of the School Architecture and Planning from 1965 to 1972.

Anderson was a partner in the architectural firm of Anderson, Beckwith and Haible, founded in 1939, a Boston firm that designed a wide variety of buildings, both in the Northeast and abroad, including many educational facilities.

In 1978 he received the joint award of the American Institute of Architects and the Association of Collegiate Schools of Architecture for lasting achievement in architecture education. He was a Fellow of the American Academy of Arts and Sciences and the American Institute of Architects and past President of the Association of Collegiate Schools of Architecture. After retirement from MIT Anderson continued his commitment to the Institute as a member of the Council for the Arts from 1974 to 1977.

Anderson became a charter member of the Newman Award Fund's Advisory Committee in 1986. Having been a close friend and colleague of Bob Newman, dating back to the late 1940s when Bob attended MIT as a graduate student, Anderson was always a keen believer in the importance of teaching architectural acoustics.

## **Sabine Centennial Design Competition, First Honors Awarded to Students of University of Kansas**

A major event at the June 1994 meetings of the Acoustical Society of America in Cambridge, MA, held in connection with the Wallace Clement Sabine Centennial at MIT, was the Sabine Centennial Design Competition sponsored jointly by the ASA's Technical Committee on Architectural Acoustics and the Robert Bradford Newman Student Award Fund.

Ewart (Red) Wetherill, a principal of the acoustical consulting firm, Paoletti Associates and a member of the Newman Award Fund's Advisory Committee, chaired the competition. He wrote the competition program around the original Fogg Art Museum Building with its notorious lecture room which Sabine had improved at the request of Harvard's President Elliot.

The distinguished panel that judged the designs included Hugh Hardy, of the architectural firm of Hardy Holtzman and Pfeiffer; Jack Purcell, principal of the acoustical consulting firm of Purcell & Noppe Associates; and Edward Tsoi, of Tsoi Kobus Associates and current President of the Boston Society of Architects. Purcell, Tsoi, and Wetherill were all former students of Professor Newman at MIT.

First Honors were awarded to the design team of Dorinda K. K. Von Tersch, Kent W. Lutz and Klas J. Campbell, of the University of Kansas. Commendation awards were also given to L. Brett Halsell, University of Florida, Charles D. Cherver, Iowa State University, and two teams of students from the University of Kansas; Mark Olson and David E. Stahl, and Arron D. Saggars, Charles L. Arthur and Darrell E. Stein.

Wetherill's intent in selecting the particular competition program was to illustrate how present day students can 'do it right' from the outset "...after Sabine had unlocked the mysteries a century ago!"

Winning submissions were on display in MIT's Kresge Auditorium lobby during the meetings, along with an historical exhibit commemorating the seminal work in acoustics begun by the young teacher of physics at Harvard University, Professor Wallace Clement Sabine.

## **Award Fund Concert Planned for May 9th**

The Award Fund will continue its tradition of an annual concert in 1995. There will be a musical presentation at the home of Mary Shaw Newman on Tuesday evening, May 9th. The invitation will announce the program in the spring. Please save the date!

## **M. David Egan Awarded 1994 Schultz Grant**

Professor M. David Egan, a Fellow of the Acoustical Society of America, who teaches architectural acoustics in the Department of Construction Science and Management, the College of Architecture, Clemson University, has been awarded the third Theodore John Schultz Grant, sponsored by the Newman Student Award Fund. Dave Egan, who also practices as an acoustics consultant in Clemson SC, studied acoustics as a graduate student at MIT in 1966 under Bob Newman.

The grant will be used to support work to develop an "Acoustics Sourcebook" which will be used as a teaching aid to complement existing textbooks that are currently used to teach architectural acoustics.

This sourcebook will pull together a unique variety of useful teaching aids that will include: acoustical design problem case studies; problem exercises, developed for take-home, field trips or in-class studies; background material on acoustical modeling--suggested materials, construction techniques, how to record and interpret data, etc.; source listings for teaching materials, video programs, sample demo materials available from manufacturers; many other sorts of information which will greatly enhance the traditional material generally provided in textbooks on architectural acoustics.

The proposed Acoustics Sourcebook will be developed under Dave Egan's direction, with the assistance of Clemson's Adjunct Professor Peter R. Lee, AIA, and graduate students in the College of Architecture, as required.

It should be noted that applications for the next Schultz Grant must be submitted by 30 June 1996. Further details will be included in next year's Newman Fund newsletter.

## **Robert Bradford Newman Student Award Fund**

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National Council of Acoustical Consultants  
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