

Robert Bradford Newman Student Medal Recipients

YEAR	STUDENT NAME	SCHOOL	FACULTY ADVISOR	PROJECT TITLE
1986	Chandler E. Rozear	University of Florida	G. Siebein	
1987	Edward G. Clautice	University of Florida	G. Siebein	Acoustics Modeling
1988	Lincoln Berry	RISD		Media and Elecommunications Facility Design
	Mark E. Holloway	University of Florida	G. Siebein	An Evaluation of the Jacksonville Civic Auditorium as a Concert Hall using Acoustical Scale Modeling
	Vidas Juzemas	Georgia Institute of Technology		Loudspeaker Placement in Small Rectangular Shaped Enclosures
	Kay Ivah Mason	Clemson University	M. D. Egan	Study of a Flexible Studio Facility for Dance at the University of South Carolina
	Frank A. McClure, III	Clemson University	M. D. Egan	Design of a 2500-seat Concert Hall for Charleston, SC
	James P. Oglesby	Boston Architectural Center		The Boston Conservatory - a Music Teaching Facility with Three Auditoria and Numerous Practice Rooms
	Norliah Othman	Oklahoma State University		Center for the Performing and Studio Arts, Holland Hall School, Tulsa, OK
	Kelly Lem	University of California at Los Angeles		The Ballet Opera House, Toronto
1989	Michael Kwok-Kwong Au	University of Maryland		Acoustical Treatment of Swimming Pool Facilities
	F. Prescott Bowden	RISD		Design of a Music Education Facility
	Maria DeAngelis	MIT	C. Rosenberg	Street of Rock'n'Roll Dreams: The Story of a Pop Music School for Washington, DC
	David F. Eplee	University of Florida	G. Siebein	An Acoustical Evaluation of Stage Environments with High Ceilings
	Lynette Frances Freidin	BAC		The Massachusetts School of Music and Education, Swampscott, MA
	Kenneth Scott Gordon	University of North Carolina, Charlotte		Computer Application in Architectural Acoustics
	Julian L. Hook	University of Illinois		Acoustical Variation in the Foellinger Great Hall, Krannert Center for the Performing Arts
	Robert Haitch Lee	Oklahoma State University		Design of a Music Education Facility

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	David Scott Matero	Roger Williams College		Portland Concert Hall for Portland, ME
	David Richard Moore, II	Clemson University	M. D. Egan	Design of a Music Education Facility
	Adam Stettner	Cornell University	C. Rosenberg	Computer Graphics for Acoustic Simulation and Visualization
	Gary Warren Hulin	Clemson University	M. D. Egan	Design of Music Education Facility
1990	Richard P. Cervone	University of Florida	G. Siebein	Acoustical Evaluation of Multi-use Auditoriums
	Karen E. Decker	Pennsylvania State University		Advance Technology Center, Nanticoke PA
	Eric Fang	Graduate School of Design, Harvard		Approaches to Church-Building in Manhattan: Acoustical Considerations in Design of an Air-Rights Church Complex
	Eric Todd Faulkner	Oklahoma State University		Teaching Assistant in ARCH 3253: Architectural Acoustics
	Darrell Paul Frett	Iowa State University		Acoustical Impact on Atrium Spaces
	Kevin H. Hayes	University of North Carolina		Computer Application in Architectural Acoustics
	Carlos Jiminez-Dianderas	Ricordo Palma University, Lima, Peru		National Center for the Performing Arts, Lima
	Manuel Panduro-Manrique	Ricordo Palma University, Lima, Peru		National Center for the Performing Arts, Lima
	Robert B. Mintz	California Polytechnic State University		San Luis Obispo Performing Arts Center
	Miles M. Reid	RISD		Acoustical Analysis of the First Unitarian Church, Providence, RI
	Fernando J. Ventura	University of Maryland		An Automotive Dealership
	Ron Verdier	Southern California Institute fo Architecture		Room for Music
	Marco Eduard den Breems	University of Auckland		Design for the Unniversity of Auckland Council Rooms
	Jacqueline Marie Roke	University of Auckland		Design for the Unniversity of Auckland Council Rooms

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	MichelleJane St. George Waugh	University of Auckland		Design for the Unniversity of Auckland Council Rooms
1991	Mark Burginger	University of Arizona		Acoustical Analysis of Noise and Room Echoes Using a Computer
	Kevin Scott Burns	Pennsylvania State University		Acoustical Investigation - the Upper Merion Township Municipal Building
	Wei-hwa Chiang	University fo Florida	G. Siebein	Acoustical Model Studies Comparing the Results of Tests in Computer Models, Physical Models, and Full-size Rooms
	Kevin J. Godwin	Iowa State University		Educational Presentation Auditoria and Instructional Sapces
	Mark Ian Hughes	Clemson University	M. D. Egan	Modern Opera House for St. Petersburg, USSR
	Corina Yuan Shiu Lee	Virginia Polytechnic Institute		Virgina Tech Campus Multi-purpose Theater
	Gary S. Madaras	Kent State University		Ideal Reverberation Time Curves for Classic and Romantic Symphonies: An Acoustical Evaluation of Severance Hall
	Andrew Marsh	University of Western Australia		CAD Modelling Technique for Auditoria
	Peter May	University of Maryland		Acoustical Analysis of U.S. Pension Building Office Space
	Chris W. Neugebauer	Boston Architectural Center		Jazz Arts Center of New England
	David Poorman	Princeton University	C. Rosenberg	Design for Addition to Manhattan School of Music, NYC
	Kenichi Shinagawa	RISD		Music School, Providence, RI
	May Deanna Tsai	MIT	C. Rosenberg	Taipei Terminal Rail Satation - Acoustical Considerations
1992	Anthony J. Alduino	Pennsylvania State University		Cornell University Biotechnology Research Facility
	Bruce R. Davis	RISD		Acoustical Analysis of Roger Williams First Baptist Church, Providence, RI

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	Lisa M. Grau	Oklahoma State University		Ward Museum of Wildfowl Art
	Kimberly Anne Murray	Clemson University	M. D. Egan	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
	Jason David Swan	University of Kansas	R. Coffeen	Remedial Acoustic Treatment of Anschutz Science Library
	Rose S. Tardao	Clemson University	M. D. Egan	Acoustics of Atria
	Nicola Walter	Princeton University	C. Rosenberg	New Recital Hall for Princeton Campus
1993	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	RISD		Excellence in the Study of Acoustics
	Jacob Atcheson	University of Auckland		A Report on the Acoustical Effects of Coupled Volumes
	Martin A. Gold	University of Florida	G. Siebein	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	RISD		A Performring Arts Theatre
	Klas J. Campbell	University of Kansas	R. Coffeen	Control of Duct-Borne Noise Without Man-Made Mineral fibers

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	Antonio Pedro O. Carvalho	University of Florida	G. Siebein	Objective Acoustical Analysis of room Acoustic Measurement in Portuguese Roman Catholic Churches
	Laura T. DeBonis	Boston Architectural Center		The Boston Conservatory/Academy of Brass and Woodwinds
	Mehmet S. Dogu	Princeton University	C. Rosenberg	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	C. Rosenberg	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	C. Rosenberg	Designing the Copenhagen Concert Hall
	Charles Walton Tilley	Clemson University	M. D. Egan	Community Theater
1995	Steven B. Afrin	Clemson University	M. D. Egan	Guidelines for Use of Variable Acoustics Features in a Performing Center Auditorium
	Charles Douglas Chervek	Iowa State University		Acoustical Analysis and Recommendations for the First United Methodist Church, Urbandale, Iowa
	Brian G. Harmon	University of Kansas	R. Coffeen	Sound Advice for the Prediction and Reduction of Restroom Fan Noise
	Bruce Dean Horgan	Oklahoma State University		Stillwater High School Performing Arts Center
	Jian Kang	University of Cambridge, England		Acoustics in Long Enclosures
	John Scott Kidwell	University of Florida	G. Siebein	Subjective and Objective Comparison of Acoustical Modeling and Full Size Rooms
	Mitchell Eric Spolan	University of Florida	G. Siebein	Design of Program for Computer-controlled, Acoustical Modeling of a Variable Acoustics Chamber
1996	Katherine Bambrick Ambroziak	Princeton University	C. Rosenberg	Outdoor Performing Area of the Boys Choir of Harlem

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	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	G. Siebein	Noise Exposure and Hearing Conservation Programs for Construction Workers
	Thomas J. McGraw	University of Kansas	R. Coffeen	An Acoustical Survey of Selected Lecture Halls at the University of Kansas
	Marie-Catheine Sklavenitis	Ecole d'Architecture de Paris		Renovation de la Salle Popesco du Theatre Marigny a Paris
	Dierdre Terzian	MIT	C. Rosenberg	The Movement of Sound through the Galleries at the Davis Museum
1997	Michelle L. Amt	Princeton University	C. Rosenberg	Acoustical Oppositions in a Performing Arts Center: Building as Narrative
	Gabriel Caunt	University of Kansas	R. Coffeen	A Practical Study of Auralization Using EASE and EARS Software
	Karen Timms Godsey	Clemson University	M. David Egan	Community Theater for Greenville, SC
	Christopher R. Herr	University of Florida	G. Siebein	An Acoustical History of Theaters and Concert Halls
	Travis L. Hicks	Princeton University	C. Rosenberg	Acoustical Oppositions in a Performing Arts Center: Building as Narrative
	Jacob E. Kain	MIT	C. Rosenberg	Concept Development for Performing Arts Center: Acoustical Integrity
	Shannon L. McKee	Roger Williams University		Falmouth Playhouse on Cape Cod, MA
	David Prince	University of Florida	G. Siebein	Variation of Room Acoustics Measurements as a Function of Source Location and Directivity
1998	Louisa Caldas	MIT	C. Rosenberg	Reverberation Time Optimization Tool
	Max Chen	MIT	C. Rosenberg	A Module for Calculating Noise Reduction Between Adjacent Rooms
	Alton P. Chow	Syracuse University		An Urban Gesture: Defining an Identity - a Musical Performing Arts Center for the City of Taipei

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	Elizabeth Lee	University of Auckland		Effects of Surface Textures of Choral Reflectors
	Jason Pearson	Princeton University	C. Rosenberg	Open Plan Office Acoustics: An Analysis of Theory
	Joseph B Walker	University of Florida	G. Siebein	Sound Diffusion and the Acoustic Environment
	Eugene S. Zukowski, Jr.	Roger Williams University		Reading Room in New Building for Newport Historical Society
1999	Benjamin Gaffney	MIT	C. Rosenberg	Optimal Design of Acoustical Elements of HVAC Systems
	Angela Holm-Rowe	Roger Williams University		Acoustical Analysis: The New Padanarum Summer Playhouse
	Michael Christopher Monks	MIT	C. Rosenberg	Audio-optimization: Goal-Based Acoustic Design
	Benjamin C. Seep	University of Kansas	R. Coffeen	Preparation of Text and illustrations for Booklet on Classroom Acoustics for Technical Committee on Architectural Acoustics of ASA
	Pattra Smitthakorn	University of Florida	G. Siebein	Investiation of New Design Methods for Theaters: Integration Historic Precedents and Computer Aided Design
2000	Elizabeth Codero	MIT	C. Rosenberg	Acoustics in Restaurant Design
	Michelle Leah Hoeffler	MIT	C. Rosenberg	Case Study: the Acoustical Design of a Performance Hall - from the Architect's Perspective
	William Neale	Washington University	C. Rosenberg	Acoustics in a Greenhouse/Day Care Center
	Michael G.Ermann	University of Florida	G. Siebein	Architecture, Urban and Acoustical Design of a Large Amphitheater
2001	Scott Adams	Washington University	C. Rosenberg	Club Tangerine: Acoustical Design With a Peel
	Jorge R. Carbonell	MIT	C. Rosenberg	Musical Garden in a Big City: Performing Arts Center for a Small College
	Donna Anne Ellis	Catholic University of America		Koubek Auditorium: A Technical Analysis and Personal Study
	A. Brooks Fischer	Roger Williams University		A New Theater and Art Building for St. Andrews School
	Cynthia Gibson	Roger Williams University		New West End Branch Library, Providence, RI

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	Chin Kim	Roger Williams University		A New Theater and Art Building for St. Andrews School
	Jessica Morgan	Washington University	C. Rosenberg	Club Tangerine: Acoustical Design With a Peel
	Kerry Schuerer	Roger Williams University		New West End Branch Library, Providence, RI
	Mona V. Tamari	MIT	C. Rosenberg	Buildings and Music: the Relationship Between Musical Composition and Architectural Design
	Rebeka Vital	University of Southern California		A Case Study Comparing Measured and Simulated Acoustical Environments: Acoustical Improvements of Verle Annis gallery
	Hyeongseok Kim	University of Florida	G. Siebein	Study of Community Noise Propagation from Cooling Towers and Condensing Units
	E. Stephen Skorski	University of Florida	G. Siebein	Rethinking Theater Design: Design of a New Performing Arts Center
2002	Erica Eileen Bowden	University of Nebraska	L. Wang	Acoustical Analysis of Witherspoon Concert Hall in the Joslyn Art Museum, Omaha
	Andrew Neal Cooper	North Dakota State University		Performing Concert for the Arts, Fargo, ND
	Amy Cooper	University of Nebraska	L. Wang	Acoustical Design of a College Performance Hall for Opera
	Heather Daley	Washington University	C. Rosenberg	Acoustical Considerations in Light Rail Design
	Meredith Elbaum	MIT	C. Rosenberg	A Place for Acoustics in Sustainability
	Young-Mia Kwon	RPI		Under-balcony Acoustics in Concert Halls: Vertical Energy Loss at the Listener and Acceptable View Angles Deduced from its Effects
	Benjamin Markham	Princeton University	C. Rosenberg	The Renovation of Sound: The Acoustic Analysis, Prediction and Optimization of Performance Space
	Jason J. Ridings	University of Kansas	R. Coffeen	Two 'Real World' Projects: Acoustical Improvements for a Large Conference Room and an Open Plan Office Area
	Abigail Esther Stefaniw	RPI		Ease of Hearing in Various Classroom Geometries and Hearing Comfort in Classrooms
	Mitchell L. Lehde	University of Florida	G. Siebein	Classroom Acoustics: Case Study Research and Quarter Full Scale Acoustical Model Studies

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2003	William J. Elliot	MIT	C. Rosenberg	New Academic Building for a College Campus
	Jessica M. Hall	University of Nebraska	L. Wang	Development of Concert Hall Website www.concerthalls.org and Acoustical Study of Main Stage, Auditorium, Omaha Community Playhouse
	Robert E. Lee	University of Kansas	R. Coffeen	The 'Resurrection' of Two Professional Monitor Loudspeakers
	Sang Jun Lee	University of Florida	G. Siebein	Optimization of Worship Spaces for the Spoken Word Using Computer Aided Design
	Denise Marie Miller	University of Hartford	R. Celmer	Comparison of Binaural Recordings and Auralization of Millard Auditorium at the University of Hartford
	Omar Saad	MIT	C. Rosenberg	Acoustical Modeling Software for Result Verification
	Saganya Thiagarajan	University of Southern California	D. Noble	Acoustics of Bing Theatre: Computer Simulation for Acoustical Improvements
	Andrew Carballeira	Berklee College	A. Hoover	Investigation of Sound Levels in Music Rehearsal Rooms
	William Yoder	Virginia Tech	M. Ermann	Simulation of Double-sloped Decays in Coupled Volumes
2004	Pamela Harght	Berklee College	A. Hoover	Investigation of Sound Levels in Music Rehearsal Rooms
	David T. Bradley	University of Nebraska	L. Wang	Design Competition Submittal/music Pavillion for a Community Orchestra and Summer Music School
	Norman H. Philipp	University of Kansas	R. Coffeen	Design, Construction, Calibration and Use of Omni- Directional Dodecahedron Loudspeaker Assembly
	Tammy Davis	University of Buffalo SUNY		A Recital Hall for the City of Buffalo
	Bum Jun Kim	University of Florida	G. Siebein	Speech Intelligibility Tests with Real and Simulated Classroom Noise Sources
	Ryan D. Martin	University of Texas at Arlington		Open Plan Office Acoustics Studies at HKS Inc.
2005	Daniel J. Butko	University of Florida	G. Siebein	Communion of Light, Sound and Water: Natural Elements in the Design of Evangelical Architecture
	Troy Alan Fosler	University of Nebraska	L. Wang	Theater Design in a Downtown Development Project

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	Paul Henderson	RPI	N. Xiang	Wave Field Synthesis for Perceptually Accurate Telepresence
	Rebecca Hughes	Virginia Technological Institute	M. Ermann	The Design of a School for the Performance of Appalachian Music
	Courtney McGinnes	RPI	Ning Xiang	An Environmental and Economical Solution to Sound Absorption Using Straw
	Dan Mennitt	Virginia Technological Institute	M. Ermann	Measuring and Mapping the Sound Field of a 400-seat Theater at "One-Seat" resolution
	Marta Morais	MIT	C. Rosenberg	Quantitative vs. Digital Acoustical Analysis of the Muddy Charles Pub
	Molly K. Norris	RPI	N. Xiang	Aurally Adequate Time-Frequency Analysis for Scattered Sound Fields in Performing Arts Spaces
	Lauren Ronsse	University of Kansas	R. Coffeen	Research on 'Rock Art Acoustics' in Ellsworth County Kansas
	Elizabeth Valmont	University of Southern California		Tunable Acoustics in Performance Spaces: The Architecture of Acoustics
2006	Kenneth Andria	RPI	N. Xiang	Variable Geometry for Multipurpose Rooms
	Joseph Dahmen	MIT	C. Rosenberg	Acoustical Effect of a Rammed Earth Wall and Related Barrier Analysis
	Danielle Marie Haynay	Washington University	C. Rosenberg	Acoustical Implications of Renovation: Covedale Theater, Cincinnati, OH
	Thomas A. Jackson	Washington University	L. Wang	Architectural Acoustics Listening Journal
	Brian Jeffrey Lindvall	Princeton University	C. Rosenberg	Historical and Analytical Study of Physical and Electronic Control of Office Environmental Acoustics
	Andrew N. Miller	University of Kansas	R. Coffeen	Computer Model Analysis of an Existing Worship Space and Recommendations for Improvements
	Yang Ming	Tsinghua University, Beijing	Y. Xiang	The Computer Simulation of Ambient Noise in an Urban Area
	Zuhre Su	RPI	Ning Xiang	Systematic Investigation of Energy Decays in Acoustical Coupled Spaces using the Scale-Model Technique
	Rachel Surface	Illinois Institute of Technology	R. Muelheisen	The Analysis and Design of Performance Spaces

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	Michelle C. Vigeant	University of Nebraska	L. Wang	Objective and Subjective Evaluation of the Multi-Channel Auralization Technique
	Xin Zhao	University of Nebraska	L. Wang	Acoustical Design of a New Municipal Building
2007	Joseph K. Dingerness	RPI	P. Calamia	Modelling the Effects of Desk Chairs on Classroom Reverberation time
	Yun Jing	RPI	N. Xiang	Modifications to the Diffusion Model for Room Acoustic Prediction
	Emily G. Moisan	University of Kansas	R. Coffeen	Acoustics of Worship Spaces, and How Sight Informs the Understanding of Sound
	Minjia Qu	Washington University	L. Wang	Listening Journal on Architectural Acoustics
	Jonathan Rathsam	University of Nebraska	L. Wang	Influence of Absorption Factors on the Sensitivity of a Virtual Room's Sound Field to Scattering Coefficients
	Dorea Ruggles	RPI	N. Xiang	Binaural Speech Intelligibility in Architectural Spaces
	Georgia Zepidou	London South Bank University	S. Dance	Classical Orchestra Rehearsal Rooms
2008	Derek R. Olson	Vassar College	D. Bradley	Fractal Surfaces - Generation and Acoustics Scattering Predictions
	Alicia Jean Wagner	University of Nebraska	L. Wang	Home Office Worker Performance and Perception as Affected by Residential Audible Distractions Through Various Wall Constructions
	Benjamin J. Jados	Illinois Insitute of Technology	R. Muelheisen	Acoustic Design of Oceania Opera Center in 2007 Student Design Competition
	Katharine Smolley	MIT	C. Rosenberg	The IACC Metric
	Catherine Amanda Moore	Mississippi State University		A Chapel Based on Sound
	Pamela Jane Harght	University of Kansas	R. Coffeen	An Investigation on Classroom Acoustics for Non-Green and Green Classrooms
2009	Meghan J. Ahearn	University of Hartford	M. Vigeant	Just Noticeable Difference in Clarity
	Matthew J. Schaeffler	University of Hartford	M. Vigeant	Just Noticeable Difference in Clarity
	Xian Yu	Peabody Institute	N. T. Shade	Software Program in C++ for calculating sound levels for loudspeakers

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	Jennifer Reisdorff	University of Nebraska	L. Wang	Investigation of LEED for Schools
	Ryan Skoug	University of Nebraska	L. Wang	Determination of a Duct End Reflection Loss due to a Boundary Condition and Airflow
	Gil Van Buuren	London South Bank University	S. Dance	Parametric studies on the low frequency acoustics of listeneing rooms using a numerical wve model
	Selen Okcu	Georgia Institute of Technology	E. Ryherd	Soundscape Evaluations of Two Critical Healthcare Settings with Different Designs
	Philip Robinson	RPI	N. Xiang	
	Uday Trivedi	RPI	N. Xiang	
	Benjamin Gaum	Ryerson University	R. Ramakrishnan	Sound Created Form
	Luiz Costa de Silva	Berklee College of Music	A. Carballeira	Acoustical Measurements at Berklee Performace Center