

ACOUSTICAL NEWS—USA

Elaine Moran

Acoustical Society of America, Suite 1N01, 2 Huntington Quadrangle, Melville, NY 11747-4502

Editor's Note: Readers of the journal are encouraged to submit news items on awards, appointments, and other activities about themselves or their colleagues. Deadline dates for news items and notices are 2 months prior to publication.

Report of the Auditor

Published herewith is a condensed version of our auditor's report for calendar year ended 31 December 2005.

Independent Auditors' Report

To the Executive Council
Acoustical Society of America

We have audited the accompanying statements of financial position of the Acoustical Society of America as of 31 December 2005 and 2004 and the related statements of activities and cash flows for the years then ended. These financial statements are the responsibility of the Society's management. Our responsibility is to express an opinion on the financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Acoustical Society of America as of 31 December 2005 and 2004 and the changes in its net assets and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

O'CONNOR DAVIES MUNNS & DOBBINS, LLP

April, 24, 2006

New York, NY

ACOUSTICAL SOCIETY OF AMERICA STATEMENTS OF FINANCIAL POSITION 31 DECEMBER 2005 AND 2004

	2005	2004
Assets		
Cash and cash equivalents.....	\$1,658,462	\$1,654,787
Accounts receivable.....	412,950	337,150
Marketable securities.....	6,872,236	6,458,334
Furniture, fixtures, and equipment—net.....	71,962	44,792
Other assets.....	403,516	451,527
	<u>\$9,419,126</u>	<u>\$8,946,590</u>
Liabilities		
Accounts payable and accrued expenses.....	\$ 332,808	\$ 315,778
Deferred revenue.....	1,513,580	1,604,183
Total liabilities.....	<u>\$1,846,388</u>	<u>\$1,919,961</u>
Net assets		
Unrestricted.....	\$6,536,395	\$5,993,687
Temporarily restricted.....	669,084	666,043
Permanently restricted.....	367,259	366,899
Total net assets.....	<u>\$7,572,738</u>	<u>\$7,026,629</u>
	<u>\$9,419,126</u>	<u>\$8,946,590</u>

**ACOUSTICAL SOCIETY OF AMERICA
STATEMENT OF ACTIVITIES
FOR THE YEARS ENDED 31 DECEMBER 2005 AND 2004**

	2005	2004
Changes in Unrestricted Net Assets		
Revenues:		
Dues.....	\$ 664,866	\$ 629,000
Publishing—JASA.....	2,285,814	2,156,994
Standards.....	360,312	303,051
Spring Meeting.....	264,622	414,755
Fall Meeting.....	272,659	223,959
Other member services revenue.....	14,733	12,715
Other.....	121,436	101,708
Net assets released from restrictions.....	71,371	69,970
	<u>\$4,055,813</u>	<u>\$3,912,152</u>
Expenses:		
Publishing.....	\$1,817,053	\$1,531,446
Standards.....	388,934	411,942
Spring Meeting.....	300,916	467,159
Fall Meeting.....	302,798	227,258
Member Services.....	215,866	246,391
Other.....	438,758	648,521
Administration.....	485,329	484,939
	<u>\$3,949,654</u>	<u>\$4,017,656</u>
Net (loss) income from operations.....	<u>\$ 106,159</u>	<u>(\$ 105,504)</u>
Non-operating activities:		
Interest and dividends.....	\$177,702	\$ 124,903
Realized gain (loss) on investments.....	106,985	69,697
Unrealized gain on investments.....	151,862	264,511
	<u>\$ 436,549</u>	<u>\$ 459,111</u>
Increase in unrestricted net assets.....	<u>\$ 542,708</u>	<u>\$ 353,607</u>
Changes in Temporarily Restricted Net Assets		
Contributions.....	\$ 2,800	\$ 21,855
Interest and dividends.....	25,682	20,708
Realized gain	18,983	12,368
Unrealized gain	26,947	46,934
Net assets released from restrictions.....	(71,371)	(69,970)
Increase in temporarily restricted net assets.....	<u>\$ 3,041</u>	<u>\$ 31,895</u>
Changes in Permanently Restricted Net Assets		
Contributions.....	\$ 360	\$ —
Increase in permanently restricted net assets.....	<u>\$ 360</u>	<u>\$ —</u>
Increase in net assets.....	<u>\$ 546,109</u>	<u>\$ 385,502</u>
Net assets at beginning of year.....	<u>7,026,629</u>	<u>6,641,127</u>
Net assets at end of year.....	<u>\$7,572,738</u>	<u>\$7,026,629</u>

Annual Reports of Technical Committees

(See October issue for additional report)

Acoustical Oceanography

Fall 2005 Meeting (Minneapolis, MN). The Technical Committee on Acoustical Oceanography (AO) sponsored two special sessions: (1) "Inversion Using Ambient Noise Sources," organized by Peter Gerstoft (Marine Physical Laboratory, Scripps); and (2) "Ocean Ecosystem Measurements," cosponsored by Animal Bioacoustics (AB) and organized by Whit Au (Hawaii Inst. of Marine Biology) and Van Holliday (BAE Systems). The Best Student Paper Awards in Acoustical Oceanography went to Michael Morley from the University of Victoria (First Prize winner) for his paper: "Estimating geoacoustic properties of marine sediments by matched field inversion using ship noise as a sound source," and Julie Oswald from Scripps (Second Prize winner), for her paper: "New tool for real-time acoustic species identification of delphinid whistles." Martin Siderius (HLS, San Diego) represented AO at the Technical Program Organizing Meeting.

Spring 2006 Meeting (Providence, RI). The 2006 Medwin Prize in Acoustical Oceanography was awarded to John Horne of the University of the Washington School of Aquatic and Fishery Science, Seattle, "for research on the acoustic identification of fish species and applications to fisheries resource management." Dr. Horne presented a highly entertaining Medwin Prize Lecture entitled "Acoustic species identification: When biology collides with physics." AO sponsored two special sessions, and contributed a paper in the Hot Topics in Acoustics special session. Ralph Stephen (Woods Hole Oceanographic Institution) organized a special session entitled "Ultra-Low and Low Frequency Marine Seismo-Acoustics." David Bradley (Penn State) and Whit Au (Hawaii Inst. of Marine Biology) organized a special session jointly with Animal Bioacoustics entitled "Exploitation of Sound by Marine Mammals." Karim Sabra of the Marine Physical Laboratory presented the AO Hot Topics lecture: "Extracting coherent information from cross correlations of random wave fields." Matthias Meyer (Free University of Brussels) won first prize in the competition for the Best Student Paper Award in Acoustical Oceanography for his paper entitled "Adjoint approach to the physical characterization of a shallow water environment," and Jason Holmes (Boston University) was awarded second prize for his paper entitled "Low frequency sound reflection and conversion to Darcy-type diffusion waves at bottom interfaces with marine sediments." Andone Lavery (Woods Hole Oceanographic Institution) and Mohsen Badiy (University of Delaware) represented AO at the Technical Program Organizing Meeting. AO also arranged for the speaker for the Tutorial Lecture at the Providence Meeting. The lecture, "The 2004 Sumatra earthquake and tsunami: Multidisciplinary lessons from an ocean monster," was given by geophysicist Emil Okal of Northwestern University.

Information on these and related matters is available on the new Acoustical Oceanography Technical Committee website, for which we are indebted to Kate Brooks of the Centre for Earth and Ocean Research at the University of Victoria. It can be reached through the ASA web page by clicking on "Committees." Please e-mail any material for or comments on the web site directly to chapman@uvic.ca.

I want to close by thanking all the volunteers who have contributed to the success of the activities of the AO Technical Committee during this past year. All of the AO members were greatly saddened by the passing of Hank Medwin earlier this year. Hank was one of the founding members of the AO technical committee, and his advice and encouragement have been important to all of us.

N. ROSS CHAPMAN
Chair

Animal Bioacoustics

The Animal Bioacoustics (AB) Technical Committee (TC) had a busy and productive year. Members of the TC as well as Acoustical Society of America (ASA) members citing animal bioacoustics as either a primary or a secondary interest were well represented at both the fall (Minneapolis) and spring (Providence) meetings.

We take special pride in acknowledging our most recent award recipients. At the Minneapolis meeting, James A. Simmons of Brown University received the Silver Medal in Animal Bioacoustics "for his contributions to understanding bat echolocation." Also at this meeting, Alison Stimpert, from the Hawaii Institute of Marine Biology, received the Best Student Paper

Award in Animal Bioacoustics for her paper "Sound production patterns from humpback whales in a high latitude foraging area." In Providence, we had two student paper award winners, Charlotte Kotas (Georgia Institute of Technology) for her paper "Are acoustically induced flows relevant in fish hearing?" and Anthony Petrites (Brown University) for his paper "Echolocating big brown bats shorten interpulse intervals when flying in high-clutter environments." Lee Miller (University of Southern Denmark) and Bertel Møhl (Aarhus University) were both elevated to Fellow status.

AB sponsored or cosponsored three special sessions at the Minneapolis meeting. These include Cognition in the Acoustic Behavior of Animals organized by Caroline Delong and cosponsored with Psychological and Physiological Acoustics (P&P); Ocean Ecosystem Measurements organized by Whitlow Au and Vance Holliday with Acoustical Oceanography (AO) as the primary sponsor; Temporal Patterns of Sounds by Marine Mammals organized by Jeanette Thomas; and Frequency Weighting for Animal Species organized by Larry Pater and Ann Bowles and cosponsored by P&P and Standards. A full session of contributed papers, chaired by Michael Ferragamo, was also held. The TC meeting attracted over 30 attendees, with most discussion centering around issues arising from the session on Frequency Weighting and Associated Standards topics.

The Providence meeting was very heavily attended, with so many AB sessions that overlap in scheduling could not be avoided. Joshua Schwartz organized a day-long session on Acoustic Interactions in Animal Groups that attracted many non-ASA members. Along with AO and Underwater Acoustics (UW), AB cosponsored the Joe Blue Memorial Session on Shallow Water and Marine Animal Acoustics, chaired by Ed Gerstein and George Frisk. Arthur Popper and Richard Fay organized and cochaired a session on Effects of Anthropogenic Sounds on Fishes, also cosponsored with AO and UW. Jim Simmons organized a session on Mechanisms of Biosonar, cosponsored with SP and EA. Whit Au and David Bradley organized and cochaired a day-long session on Exploitation of Sound by Marine Mammals, cosponsored by AO. Neil Todd organized a session titled Is Hearing All Cochlear, cosponsored by P&P. In addition, there were three contributed paper sessions, chaired by Peter Scheifele, John Buck, and Jennifer Miksis-Olds. AB organized a special art/soundscape performance by the local artist China Blue that explored urban bioacoustics. This performance was also heavily attended. Approximately 50 people participated in the ABTC meeting, where discussion centered on publication issues.

Planning continues for the Second International Workshop on Acoustic Communication by Animals, to be held in Oregon in summer 2008, under the leadership of David Mellinger.

AB owes a great debt to our members for their efforts in making our meetings successful and for their participation in the overall affairs of our Society. Whitlow Au finished his year as Vice President-Elect and now will serve as Vice President. Whit and Jim Simmons continue as section editors for AB for *JASA*, and Cynthia Moss continues as AB editor for *JASA Express Letters*. Ann Bowles serves as the AB representative to ASACOS and Dave Mellinger continues to keep our website (<http://cetis.pmel.noaa.gov/Bioacoustics.html>) up to date. Michael Ferragamo volunteered as our TPOM for the Minneapolis meeting, while John Buck and Andrea Simmons shared Technical Program Organizing Meeting duties for the Providence meeting. John, Jim Simmons, Peter Scheifele and Andrea Simmons all participated on the Local Organizing Committee for this meeting. We also acknowledge Mardi Hastings (Executive Council), Charles Greene (Medals and Awards), and Darlene Ketten (Membership) for the completion of their outstanding service on these important committees. We congratulate Marla Holt, our outgoing student representative, on the award of her Ph.D. Alison Stimpert will be replacing Marla on the Student Council. The terms of the following ABTC members ended at the Providence meeting: Ann Bowles, John Buck, Charles Greene, Mardi Hastings, Van Holliday, David Mann and Sam Ridgway. Their participation and assistance on the TC are much appreciated. We welcome our new ABTC members, Robert Dooling, Dave Mellinger, Arthur Popper and Annemarie Surlykke, and we are grateful to Whit Au, Christopher Clark, and William Cummings for agreeing to continue for another term.

Finally, this is my last report as ABTC chair. I thank AB members and members of the Technical Council for their support and encouragement during my term. It has been an honor to work with all of you. My successor is Richard Fay (Loyola University).

ANDREA M. SIMMONS
Chair 2003–2006

Biomedical Ultrasound/Bioresponse to Vibration

The Biomedical Ultrasound/Bioresponse to Vibration Technical Committee (BBTC) has been very active for the period of this report—Fall 2005 (Minneapolis) and Spring 2006 (Providence) meetings. Meetings have been well attended with many special sessions, awards, and Fellowship promotions.

Special sessions (and organizers) at the Minneapolis meeting included: Topical Meeting on Imaging and Control of High Intensity Focused Ultrasound-induced Lesions (Emad Ebbini), Medical Applications of Time Reversal Acoustics (Armen Sarvazyan), and Acoustic Radiation Force Methods for Medical Imaging and Tissue Evaluation (Mostafa Fatemi). Contributed sessions (and chairs) included: Ultrasound Contrast Agents (John Allen), Transducers and Imaging (Robert McGough). A sampling of topics covered was surgery through the skull with ultrasound, a 40 MHz array that has improved eye imaging, and preliminary investigations of tissue engineering of vocal-fold tissue.

Two other people put special effort in on behalf of the BBTC. Carr Everbach gave the hot topics presentation on ultrasound therapy and its integration with ultrasonic imaging, and presented a well-attended tutorial lecture on diagnostic imaging in biomedical ultrasound. Emad Ebbini served as the Technical Program Organizing Meeting representative.

For several years, the BBTC has tried to emphasize the spring meeting. Special sessions (and organizers) at the Providence meeting included Brown Tadpoles and Red Herring: Boiling, Inertial Cavitation and Nonlinearity in High Intensity Focused Ultrasound Lesion Formation (Glynn Holt and Peter Kaczkowski), Memorial Session for Frederic Lizzi (Jeff Ketterling and Ernest Feleppa) Sensing and Imaging Using Light and Sound (Todd Murray and Ron Roy), Targeted Contrast Agents (Tyrone Porter and Christy Holland), and Celebration Session for Edwin Carstensen (Diane Dalecki, Lawrence Crum, Leon Frizzell, and Fred Krenkau). The contributed session was Imaging and Wave Propagation (Yuri Pishchalnikov). The tadpole session was an extended debate and discussion to explain how thermal necrosis of tissue (e.g., of cancer tumors) occurs, can be accelerated, is monitored, and may be controlled. Talks highlighted Dr. Lizzi's diverse and influential career by discussing for example, the use of ultrasound to differentiate cancerous from healthy tissue, development of a therapeutic ultrasound system used clinically to treat the eye, and adding ultrasound to enhance the delivery of drugs. Targeted agents, primarily tiny stabilized bubbles, are used to deliver drugs to a tissue region where ultrasound then activates the drug's release. Dr. Carstensen has led many in the ASA to help establish safe guidelines for diagnostic ultrasound, has brought nonlinear acoustics to the field of medical ultrasound, and established bioeffects, particularly near gas pockets in the body. Robin Cleveland and Glynn Holt were the TPOM representatives.

Several members of the BBTC received awards at the Providence meeting. Lawrence Crum received the Student Council Mentoring Award. Purnima Ratilal received the R. Bruce Lindsay Award "for contributions to the theory of wave propagation and scattering through a waveguide, and to the acoustic remote sensing of marine life." Some of this work has been applied to medical imaging. Mathias Fink received the Helmholtz-Rayleigh Interdisciplinary Silver Medal "for contributions to the understanding of time reversal acoustics." His work has led to many new medical imaging and therapy techniques, including a really gee-whiz way of supersonically generating shear waves used to image the stiffness of a tumor. Jamie Collin of Oxford University and Matthew Urban, working at the Mayo Clinic, were the BBTC Student Paper Award winners in a competition that included 20 excellent presentations by students. At both meetings, several people from the BBTC were promoted to Fellow.

On the whole, the BBTC is growing and membership has been very active. Technical committee meetings have been attended by over 50 people and long lists of special sessions and invited speakers are developed each time. Shira Broschat continues to maintain the BBTC website (<http://moab.eecs.wsu.edu/~shira/asa/bubv.html>). As evidenced by the list of awards and Fellows, Lawrence Crum, as representative to the Medals and Awards Committee, and Carr Everbach, who succeeded Tony Brammer as representative to the Membership Committee, have kept busy. This year, Paul Barbone took over for Jeff Ketterling as the ASA representative to the Biomedical Imaging Research Opportunities Workshop (BIROW). Neil Owen finished his term as the BBTC representative to the ASA Student Council at the Minneapolis meeting, and Michael Canney of the University

of Washington was elected to succeed him. All are looking forward to a full meeting of at least six special sessions with our Japanese colleagues in Honolulu in the Fall of 2006 and to a special session on bioresponse to vibration at the Salt Lake meeting in Spring 2007.

MICHAEL R. BAILEY

Chair

Engineering Acoustics

The Engineering Acoustics Technical Committee (EATC) met at each of the two meetings of the Society, Minneapolis, MN in the Fall, and Providence, RI in the Spring.

In Minneapolis, the EATC sponsored one special session and one session of contributed papers. The title of the special session and organizer was: An ANSI standard for measuring *in-situ* directivity of hearing aids in 3-dimensions—Steve Thompson. In addition, EATC cosponsored several other sessions with the various technical committees. The Committee offers many thanks to Steve Thompson, who served as the representative to the Minneapolis Technical Program Organizing Meeting. The EATC met in Minneapolis on the evening of Tuesday, October 18.

In Providence, the EATC sponsored two special sessions and one session of contributed papers. The special session topics and organizers were as follows:

- Joe Blue Memorial Session II: Transduction, Linear and Nonlinear—Thomas G. Muir and Joseph F. Zalesak
- Joe Blue Memorial Session III: Transducers—David A. Brown and Edmund R. Gerstein.

The Committee offers many thanks to David A. Brown, Jeffrey E. Boisvert, and Thomas R. Howarth who served as EATC representatives to the Providence TPOM.

The EATC met in Providence on the evening of Tuesday, June 6.

At the Providence meeting, James E. West, a longstanding member of the Engineering Acoustics Technical Committee received the Society's Gold Medal award. His citation reads "for the development of polymer electret transducers, and for leadership in acoustics and the Society." A well deserved congratulations to Jim!

The recipients of the Best Student Paper awards for Engineering Acoustics were: in Minneapolis—Miguel A. Horta, "Sonic gas analyzer for microbiological metabolic measurements," (3aEA9), and in Providence—Aaron M. Kyle, "Wave propagation in fluid-filled tubes: measurements and model predictions," (4pEA8).

Prior to the Providence meeting, Dennis Jones was elected as the new Chair of EATC. Also, many thanks to our past student representative, Alexandra Loubeau, who was an integral member of the EATC. Her replacement will be Doug Wilcox, also from Pennsylvania State University.

The outgoing Chair of EATC would like to thank all the people who have worked to make the activities of EATC successful this year, and to invite all interested parties to attend EATC meetings to be held at future meetings of the Society.

KIM C. BENJAMIN

Chair 2003–2006

Musical Acoustics

During 2005–2006 the Technical Committee on Musical Acoustics (TCMU) was chaired by James Beauchamp, although Peter L. Hoekje substituted for him at the Providence meeting in June 2006. Representatives to ASA committees were as follows: James P. Cottingham, Membership; Uwe Hansen, Medals and Awards; Ian M. Lindevald, ASACOS; and James W. Beauchamp, Technical Council. Associate Editors were Diana Deutsch and Neville H. Fletcher. Technical Program Organizing Meeting (TPOM) representatives were Ian M. Lindevald (Minneapolis) and Courtney B. Burroughs (Providence). Those appointed or reappointed for 2006–2009 terms as members of TCMU are Rolf Bader, Xavier Boutillon, Jonas Braasch, Murray D. Campbell, Rene E. Causse, Antoine J. Chaigne, Neville H. Fletcher, Nicholas J. Giordano, J. M. Harrison, William M. Hartmann, William L. Martens, James M. Pyne, Daniel A. Russell, Punita G. Singh, Sten O. Ternstrom, Paul A. Wheeler, and Shigeru Yoshikawa. Also, two TCMU members were recently elected Fellows of the ASA: Anders G. Askenfelt, a musical acousti-

cian with the Royal Institute of Technology in Stockholm, and James Cottingham, previous TCMU Chair and professor of physics at Coe College, Cedar Rapids, Iowa.

TCMU presented four special sessions at the Minneapolis meeting in October, 2005: "Patents in Musical Acoustics," organized and cochaired by George Brock-Nannestad and George Augspurger; "Nonlinear Vibrations of Strings," organized and chaired by Antoine Chaigne; "Acoustics of Choir Singing I & II" (cosponsored by the Technical Committee on Architectural Acoustics), organized and cochaired by Sten Ternstrom, Thomas Rossing, and Anthony Hoover; and "Music Information Retrieval," organized and chaired by James Beauchamp. In addition, Ian Lindevald chaired the session "General Topics in Musical Acoustics," which consisted of contributed papers not related to the special sessions. The "Acoustics of Choir Singing" session was split into morning and afternoon sessions, and the afternoon session was followed by a panel discussion and choir concert at the Central Lutheran Church in Minneapolis. The panel, consisting of the session organizers and Dr. John Ferguson of St. Olaf College, Northfield, MN, discussed "Acoustical issues relevant to choral singing." This was followed by a service especially designed for the Acoustical Society with "Reflections" given by Pastor Bruce Benson and a choir concert by the St. Olaf Cantorei directed from the organ by John Ferguson. The concert, a definite highlight of the Minneapolis meeting for TCMU, featured "Magnificat," an original composition by Dr. Ferguson.

Three special sessions were presented at the Providence meeting in June, 2006: "Scaling of Musical Instrument Families," organized and chaired by George Bissinger; "Finite Element and Finite Difference Methods in Musical Acoustics I & II," organized and chaired by Rolf Bader and Uwe Hansen; and "Human-Computer Interfaces," organized and chaired by Jonas Braasch and William Martens. Also, Peter Hoekje chaired "Topics in Musical Acoustics," consisting of contributed papers. In addition, TCMU was a cosponsor of the special sessions "Surround Sound Essentials I & II," organized and chaired by Alexander Case and Anthony Hoover of the TCAA; and "Composed Spaces" and "Composed Spaces Loudspeaker Concert I & II," both organized and chaired by Alexander Case.

TCMU continues to promote student involvement in musical acoustics. Since the Vancouver (May 2005) meeting Brian Monson has been TCMU's representative to the Student Council, and he also has been chair of that group. Also, we have continued to sponsor ASA Best Student Paper Awards in Musical Acoustics. There were six entries for the competition at the Minneapolis meeting and nine entries for the Providence meeting. The winners were Harald Jers (Germany), first place at Minneapolis for "Multi-track analysis of amateur and professional choirs;" Jyri Pakarinen (Finland), second place at Minneapolis for "Modeling of tension-modulated strings using finite difference and digital waveguide techniques;" Andrey Ricardo da Silva (Canada), first place at Providence for "Benchmarking the lattice Boltzmann method for the determination of acoustic impedance of axisymmetric waveguides;" and Jacob Skubal (U.S.), second place at Providence for "Tuning parameters of a Nigerian slit gong."

Recently, new subject classifications (PACS) for Musical Acoustics replaced ones, which had been in place for many years. The new classifications incorporate suggestions provided by a subcommittee of TCMU. These are scales, intonation, vibrato, composition; music perception and cognition; bowed stringed instruments; woodwinds; brass instruments and other lip-vibrated instruments; plucked string instruments; drums; bells, gongs, cymbals, mallet percussion, and similar instruments; free reed instruments; pianos and other struck string instruments; pipe organs; reed woodwind instruments; flutes and similar wind instruments; singing; musical performance, training, and analysis; electroacoustic and electronic instruments; electronic and computer music; automatic music recognition, classification, and information retrieval; instrumentation and measurement methods for musical acoustics; analysis, synthesis, and processing of musical sounds.

A good number of papers on musical acoustics topics were published in *JASA* during 2005–2006. There were papers on such topics as timbre spaces, wind instrument and pipe organ analysis/synthesis, piano acoustics and modeling, vocal and choral acoustics, meter induction, music performance expression, and analysis of ethnic instruments and singing. Also, James Beauchamp recently published an article on brass acoustics in *Acoustics Today* (April, 2006), ASA's popular acoustics magazine.

TCMU sometimes supports extra-society events. Last year, ASA, in response to a request from James Cottingham, the previous TCMU Chair, cosponsored "Octet 2005," the First International Convention of the New

Violin Family Association. The convention was held in Ithaca, New York in November 2005 with Carleen Hutchins, inventor of the string octet family, former TCMU member, and 1981 recipient of ASA's Silver Medal in Musical Acoustics, as the ASA contact person.

JAMES W. BEAUCHAMP
Chair

Noise

The Fall 2005 meeting of the ASA in Minneapolis was a special occasion for the Technical Committee on Noise: This meeting was held jointly with the NOISE-CON 2005 conference, organized by the Institute of Noise Control Engineering (INCE). Many members of TC-Noise are also members of INCE. It was a time to showcase all aspects of noise and its control. Forty-one special sessions included both Noise and NOISE-CON as sponsors. TC-Noise took the lead on five of these special sessions. These were "Special Session in Honor of William W. Lang" (organized by Paul Schomer and George Maling), "Workshop on Methods for Community Noise and Noise Policy" (Brigitte Schulte-Fortkamp and Bennett Brooks), "Specifying Uncertainties in Acoustic Measurements, I and II" (William Murphy and Ralph Muehleisen), and "Hospital Interior Noise Control" (Ilene Busch-Vishniac and James West). Mike Stinson was the Noise representative at the Technical Program Organizing Meeting.

The Spring 2006 Providence ASA meeting was not as noise-centric but was still host to an interesting array of special sessions. TC-Noise was lead organizer for "Audio-Visual Design in Soundscapes, I and II" (Brigitte Schulte-Fortkamp and Bennett Brooks), "Essential Acoustical Curriculum for Noise Control Techniques for Engineers, Industrial Hygienists, and Architects" (William Murphy), "New Loudness Standard" (Rhona Hellman), "Fifty Years of Speech Privacy, I and II" (Greg Tocchi), and "Heating, Ventilation and Air-Conditioning Noise Control" (Dan Raichel and Bennett Brooks). Nancy Timmerman was the Noise representative at the Technical Program Organizing Meeting.

On the classroom acoustics front, the ASA has been having constructive discussions with the Director of the Modular Building Institute. The Collaborative for High Performance Schools (CHPS) has been convinced of the need for good acoustics in schools—they are promoting ANSI S12.60 and their actions are being held as an example for schools elsewhere in the US. ASA President Bill Yost issued a position statement stressing that sound amplification should not routinely be used in the classroom.

The contributions of several Noise people were recognized at these two meetings. For the Minneapolis meeting, we had two winners of the Noise Young Presenter award, Courtney McGinnes for her talk "An environmental and economical solution to sound absorption using straw" and Steven Ryherd for his talk "Acoustical prediction methods for heating, ventilating, and air-conditioning (HVAC) systems." In Providence, the Noise Young Presenter award went to Kent Gee for his talk "Analysis of high-amplitude jet noise using nonlinearity indicators." We have a new Fellow of the ASA, Samir Gerges. And in Providence, James West was presented with the ASA Gold Medal "for development of polymer electret transducers, and for leadership in acoustics and the Society."

The efforts of several volunteers should be recognized. Nancy Timmerman is the Noise representative on the Medals & Awards Committee, John Erdreich is our representative on the Membership Committee, and Richard Peppin is our representative on the ASA Committee on Standards. Connor Duke is our Student Council representative and, following the practice initiated a few meetings ago, the secretary for the TC-Noise meetings. (Connor was unable to attend Providence due to his recent marriage; we thank Matt Green for ably substituting.) The Noise web page (<http://www.nonoise.org/quietnet/tcn/>) is maintained by Les Blomberg. Ralph Muehleisen is coordinator for the Noise Young Presenter Awards. Serving as Associate Editor for *JASA Express Letters* is Mike Stinson and as *JASA* Associate Editors are Keith Attenborough, Kenneth Cunefare, Vladimir Ostashev, and Brigitte Schulte-Fortkamp.

My term as Chair of TC-Noise is complete. It has been a fun three years, in large part because of the dedication, cooperation, and good cheer that exists within the Technical Committee on Noise. I am pleased to welcome our incoming Chair, Brigitte Schulte-Fortkamp.

MICHAEL R. STINSON
Chair 2003–2006

Physical Acoustics

It is truly an honor and a privilege for me to have the opportunity to serve the Physical Acoustics (PA) community as your new Chair of the Physical Acoustics Technical Committee of the ASA. Tom Matula, our past Chair (from 2003–2005), has provided the committee with excellent leadership, blending past success with new initiatives in the long-range planning of special sessions among other activities. It is the hope of the new chair to provide good leadership, move forward with new initiatives, and most importantly to get PA committee members, along with other Society members, involved.

To quote Tom from his 2004–2005 Annual Report, “We’ve been redefining ourselves over the past few years . . .” This is very evident at both the 150th Minneapolis and 151st Providence meetings.

While funding in sonoluminescence and thermoacoustics might have leveled, new avenues of interest are emerging in thermoacoustics, infrasound, nonlinear acoustics including (a) nonlinear techniques in biomedical ultrasonic imaging and therapy (along with acoustic radiation force methods), (b) high intensity focused ultrasound (HIFU) and boiling cavitation, and (c) nonlinear and time reversal techniques in acoustic-seismic landmine detection, atmospheric acoustics, and nanoacoustics.

The tutorial lectures “Diagnostic imaging in biomedical ultrasound,” by E. Carr Everbach (Minneapolis) and “The 2004 Sumatra earthquake and tsunami: Multidisciplinary lessons from an ocean monster,” by Emile Okal (Providence) were excellent and highly attended.

The Minneapolis ASA Meeting was held jointly with NOISE-CON 2005. PA planned one large (two part) special session entitled: “Thermoacoustics: What Our Customers Want and Why They Want It,” organized by David Gardner and cosponsored by Engineering Acoustics which featured invited papers by Swift, Corey, Garrett (*et al.*), Spoor, Poese, Mozurkewich, Backhaus, and Kotsubo. There was standing room only for all of the 16 total papers. Physical Acoustics and Biomedical Ultrasound/Bioresponse to Vibration had participation in Hot Topics in Acoustics. Carr Everbach spoke on biomedical ultrasonic therapy, imaging, and therapeutic applications of High Intensity Focused Ultrasound. Thanks again, Carr.

Physical Acoustics cosponsored two special sessions: (a) NOISE-CON’s, “Advances in Military Jet Noise Modeling,” (co-organizers Sparrow and Downing) featuring nonlinear propagation; and (b) BB’s “Acoustic Radiation Force Methods for Medical Imaging and Tissue Evaluation,” (organized by Fatemi) featuring Rudenko’s “Principles of radiation force,” and radiation pressure papers by Marston, Ostrovsky, and Silva. Other PA sessions were “Topics in Atmospheric Acoustics” and “Topics in Seismic Acoustics.” “Atmospheric Acoustics” papers featured shock propagation, volcanic infrasound, high altitude propagation, scattering, windscreen effects, ground impedance, and phased-array antennas. The “Seismic Acoustics” papers appeared to have roots going back to Sabatier’s research, National Center for Physical Acoustics workshops, or his outreach and covered impedance, signature human footsteps, soil and landmine nonlinearity, resonances, granular-plate interaction and acoustic vibrometry.

Education in Acoustics had PA representation with Korman, Keolian, and Loubeau’s “Acts of Sound”—Hands-on Workshop for High School Students,” and “Acoustics Demonstrations,” by Poese (demo apparatus workshop), Garrett, “Hey kid! Wanna build a loudspeaker?” and Korman and Bond’s (landmine detection demo).

PA had two special sessions in Providence (with ~1400 registered). Joseph Turner and Donna Hurley organized an excellent session entitled “Acoustic Microscopy at the Nanoscale,” with invited papers from Germany, Switzerland and Japan. The “Celebration of the Work of Brown University” (organizers Letcher, Maris and Korman) featured Robert Beyer (who received a standing ovation), Nyborg, Chick, Muir, Elder, Butler, Rogers, Foote, Brown, among talks by the organizers. Works of Lindsay, Williams, Beyer, and Westervelt were admired.

PA cosponsored the following special sessions: (a) Architectural Acoustics, Noise and Engineering Acoustics: “Microperforated Acoustical Absorbing Materials,” co-organizers Nocke and Xiang; (b) Biomedical Ultrasound/Bioresponse to Vibration and Signal Processing: “Sensing and Imaging Light and Sound,” (co-organizers Roy and Murray); (c) Engineering Acoustics: “Joe Blue Memorial Session II: Transduction, Linear and Nonlinear,” (co-organizers Gerstein, Muir, and Zalesak), featuring Joe’s colleagues from Office of Naval Research, Naval Sea Systems Command, Na-

val Undersea Warfare Center, Georgia Tech, US Naval Academy, Boston University, Woods Hole, National Center for Physical Acoustics, and U. of Del., along with talks by the organizers; (d) Biomedical Ultrasound/Bioresponse to Vibration: “Celebration Session for Edwin Carstensen, Parts I and II (co-organizers Crum, Dalecki, Kremkau, and Frizzell), highlighted HIFU therapy, sound-induced lung hemorrhage, Carstensen’s nonlinear contributions, medical imaging, and thermal effects. Part II included bubble phenomenon in cavitation and lithotripsy.

PA had four other sessions, (e) “Outdoor Sound Propagation,” covering propagation under cloud cover, over irregular terrain, by turbulence, nonlinear and magnetic sound in the atmosphere, seismic pulses, blast waves, aeroacoustics, and sound absorption on Mars; (f) “Nonlinear Acoustics, Flow and Miscellaneous Topics,” involving material damage, elastodynamic field resonances, interactions in elastic media, finite-amplitude and thermal gradient effects, time reversal, oscillations of a bias-flow aperture, flow around a porous screen, diffraction effects and transient evanescent waves; (g) “Landmine Detection; Scattering Phenomena,” included aspects of linear and nonlinear acoustic detection, time reversal, and ultrasonic vibrometry, scattering problems included a wedge, a cylinder over an absorbing boundary, cluster of rigid rods, super-radiant modes in distorted hexagonal clusters, caustics from backscattering and coherent backscattering; and (h) “Thermoacoustics and Resonating Systems,” discussing the ultrasonic analog for a laser, time reversal focusing, periodic binary systems and band-gap effects (engineering, transmission through periodic arrays of hollow cylinders, and bubbly media), particle history in fields, thin film resonators as mass sensors, thermoacoustic topics (infrasound engines, miniature coolers and hot wire anemometry temperature measurements). This session had papers from Belgium, France, Mexico and Spain. All said, the Minneapolis and Providence meetings were big successes for PA.

Technical Program Organizing Meeting representatives were Joseph Turner, (Minneapolis) and Ron Roy, Tom Muir and Charles Thomas (Providence). Thank you all for a great job! At Minneapolis, Charlie Church and Paul Johnson became new fellows. Congratulations!

After Providence, Anthony Atchley became our new President and Gilles A. Daigle our new President-Elect. Outstanding and congratulations! Anthony and Gilles are flanked by our own PATC members Vic Sparrow and Wayne Wright who serve on the Executive Council.

In Minneapolis Wheeler Howard passed the torch to Todd Hay, our new student council rep. Thanks Wheeler and good luck to Todd.

It is time to acknowledge members of PA who volunteer their services on various committees: Robert Keolian who has served on the Medals and Awards Committee for over three years, will pass the baton to Tom Matula, who will officially start in Honolulu. Jim Sabatier was Robert’s predecessor and both have worked hard to do a great job for the Society. Steve Garrett serves on the Membership Committee; Phil Marston serves on the Books⁺ Committee, and Sameer Madanshetty serves on ASACOS. This year Mack Breazeale, Logan Hargrove, and James Miller reached 50 years of ASA service. Wow!

Other items: David Blackstock is extremely active in the Student Council and the program involving “Take a Student to Lunch.” Ron Roy’s tenure at *ARLO* is now over and Keith Wilson takes over as editor of *JASA Express Letters*. Ron also received the Eastman Fellowship. His one year sabbatical is in Oxford. The 2006 Physical Acoustics Summer School, PASS 2006, took place from 18–25 June 2006, at Sunrise Springs, La Cienega, New Mexico. The program is jointly run by NCPA (Hank Bass) and Penn State (Anthony Atchley), with strong ASA ties.

The 4th Joint Meeting of the ASA and Acoustical Society of Japan (ASJ) will take place in Honolulu, 28 November–2 December 2006. There are five excellent special sessions (see the most recent call for papers) that were planned during Tom Matula’s reign. Your new Chair has met with Dr. Yoiti Suzuki (current President of ASJ and the ASJ Chair of the Technical Program) along with Dr. Hiroshi Sato (Secretary of the ASJ Technical Program Committee) in Minneapolis to develop a well thought out program involving all the Technical Committees.

Tom, I am grateful for all your help and guidance. Those are big shoes to fill. Thank you very much. You have been an inspiration to us all and an excellent Chair.

MURRAY S. KORMAN
Chair

Psychological and Physiological Acoustics

Reflecting Psychological and Physiological's (P&P's) strategy of emphasizing participation at ASA's spring meetings, the 150th Meeting of the Acoustical Society of America—the fall meeting in Minneapolis—was sparsely attended by the members of P&P. P&P sponsored one session, and was a cosponsor on four special sessions. We thank Magda Wojtczak for organizing the sessions for this meeting. Although P&P policy is to deemphasize fall meetings, the meeting in Hawaii next fall will be something of an exception, due to it being a joint meeting with the Acoustical Society of Japan.

The spring meeting in Providence was buzzing with activity. There were six sessions sponsored by P&P, one of which was cosponsored by the ASA Committee on Standards and by Noise. Of the six sessions, two were special sessions. We extend our thanks to the organizers of the special sessions: Sharon Kujawa and Lynne Marshall (Individual Susceptibility to Noise-Induced Hearing Loss) and Frederick J. Gallun (Characterizing Auditory Attention). P&P also contributed as the cosponsor of three additional special sessions. We thank Laurie Heller for accomplishing the challenge of organizing the P&P sessions for the Providence meeting.

The P&P open meeting included an update of the Student Council report by student representative Suzy Carr. Brenda Lonsbury-Martin informed the group about *JASA Express Letters*, the replacement for *ARLO*. Most of the discussion in the open meeting centered on the relatively low impact factor of *JASA*, the negative effect this is having on some members of the Society, and ways for trying to deal with this problem. The P&P Associate Editors provided an overview of their efforts, and encouraged the members of ASA to agree to review papers, and complete the reviews in a timely manner. We thank the P&P Associate Editors, Brenda L. Lonsbury-Martin, William P. Shofner, John H. Grose, Gerald D. Kidd, Armin Kohlrausch, Robert A. Lutfi, and Andrew J. Oxenham, for their efforts on our behalf. We express our thanks to Lynne Marshall, Don Sinex, and Magda Wojtczak for organizing the ballot for election to the Technical Committee, and, thanks to members of the P&P community who so willingly added their names to the ballot. The newly elected members of the Technical Committee are Sid Bacon, Qian-Jie Fu, Kim Schairer, Chris Shera, Ed Walsh, and Beverly Wright. We thank our outgoing members, Michelle Hicks, Lynne Marshall, Chris Plack, Don Sinex, and Magda Wojtczak.

Two of P&P's Associate Editors, Gerald D. Kidd and Armin Kohlrausch, completed successful terms this year. Their efforts on our behalf are greatly appreciated; the work of our associate editors is important but also time consuming and difficult. Their willingness to contribute, and the contributions of the other associate editors, is highly valued by the community. Our two new Associate Editors are Rich Freyman and Ruth Litovsky. We also thank Joe Hall, III, our outgoing representative to the Medals and Awards Committee, and Les Bernstein, our outgoing representative to the Membership Committee.

The P&P Technical Initiatives continue unchanged. The initiatives include travel support for invited speakers, student receptions, and homepage maintenance. Suggestions for uses of funds, including innovations such as workshops, satellite meetings, etc., are welcome (estrick@purdue.edu).

ELIZABETH A. STRICKLAND
Chair

Speech Communication

The Speech Communication Technical Committee (SCTC) supports the activities, meetings, publications, etc. for the largest technical area in the Society. This report covers the meetings in Minneapolis, MN, and Providence, RI. The current members of the Committee are Jean Andruski, Norma Barroso, Patrice Beddor, Lynne Bernstein, Ocke-Schwen Bohn, Suzanne E. Boyce, Ann Bradlow, Dani Byrd, Roger Chan, Robert Fox, Alexander Francis, Bruce Gerratt, Kenneth Grant, Helen Hanson, Diane Kewley-Port, Jody E. Kreiman, Anders Lofqvist, Andrew Lotto, Benjamin Munson, Terrence Nearey, Peggy Nelson, Douglas O'Shaughnessy, Dwayne Paschall, Joseph Perkell, Astrid Schmidt-Nielsen, and Gary G. Weismer. *Ex-officio* members include Abeer Alwan (Membership Committee), Shrikanth Narayanan (ASACOS), Fredericka Bell-Bert (Medals and Awards Committee), and Jennell Vick (Student Council). The continuing Associate Editors for speech production are Anders Lofqvist and Brad Story; for speech perception they are Ann Bradlow, Kenneth Grant, Paul Iverson, Mitchell Sommers, and Joan Sussman. The continuing Associate editor for Speech Processing is

Douglas O'Shaughnessy. Christine Shadle is the newly appointed Associate Editor for Speech Production.

We are grateful for the help of our members this year: (1) Our paper sorters, who arranged the technical programs at meetings: Ben Munson and Arlene Carney in Minneapolis; and Doug Whalen and Harriet Magen in Providence and (2) Coordinator for student judging: Khalil Iskrouos. We also are very happy to welcome four new fellows to the ASA from the speech communication TC: Peggy Nelson, Kenneth Grant, Carole Espy-Wilson, Shri Narayanan,

The Klatt Award has been awarded to Rajka Smiljanic at the University of Minnesota.

Student Activities

The Committee sponsored two student activities at each meeting including a competition with a cash award for best student presentation and an evening reception. The evening reception, which is sponsored jointly with other technical committees, is intended to allow students to meet more senior ASA members informally. The reception was well attended. The student papers were judged by SCTC members and the winners were awarded \$300 for first prize and \$200 for second prize. In Vancouver the first- and second-place winners were Asaf Bacharach of Massachusetts Institute of Technology and Amanda Miller of Advanced Technological Research, Japan. In Minneapolis the first and second place winners were Tarun Pruthi of the University of Maryland, and Byron Erath of Purdue University. In Providence, a student ice-breaker social was initiated and was very well received.

Special Sessions, Special Talks and Workshops

Speech Communication has sponsored many interesting special sessions during the past year. In Minneapolis Pat Keating organized a special session "In honor of the 80th birthday of Peter Ladefoged," who passed away shortly thereafter. In Providence Yi Xu and Carlos Gussenhaven organized a special session entitled "Phonetic Enhancement in Speech: Evidence and Mechanisms."

MAUREEN L. STONE
Chair

Structural Acoustics and Vibration

Although structural acoustics and vibration play an important part in many areas of acoustics and noise, many of those involved with the Acoustical Society of America (ASA) through the Structural Acoustics and Vibration Technical Committee (SAVTC) have been historically involved in research for the US Navy. As Navy research funding in structural acoustics has decreased, so has the activities of SAVTC in ASA. From July 2005 to June 2006, there were two special technical sessions in the two ASA meetings, and 28 papers in structural acoustics published in *JASA*. During the same period ten years ago, there were six special technical sessions at the two ASA meetings and 63 structural acoustics papers published in *JASA*. Although this indicates that structural acoustics and vibration remain active, it also implies that challenges remain if the level of activities of SAVTC in ASA is to rise to the level it once enjoyed.

During the year from July 2005 to June 2006, there was one new Fellow elected from the SAVTC, Greg McDaniel. Jerry Ginsberg was presented the Trent-Crede award at the Minneapolis meeting in October 2005. The two special technical sessions were Experimental Modal Analysis, organized by Jerry Ginsberg at the Minneapolis meeting, and Ultrasonic Waveguides for Structural Monitoring, organized by Joel Garrellick at the Providence meeting in June 2006. Two student paper awards were presented at each of the ASA meetings. In Minneapolis, Noah Schiller won first place and Benjamin Doty, second place. In Providence, Michael Pedrick won first place and Christopher Dudley, second place. Two Associate Editors for structural acoustics were appointed; David Feit and Linda Franzoni. There are now six *JASA* Associate Editors in structural acoustics. The TPOM representative for SAVTC for the Minneapolis meeting was Courtney Burroughs and for the Providence meeting, Jeff Boisvert.

Courtney Burroughs completed his three-year term as chair of the SAVTC at the end of the Providence meeting. Sean Wu was elected as the new chair of SAVTC.

COURTNEY B. BURROUGHS
Chair 2003–2006

The year began with preparation for the Fall 2005 meeting in Minneapolis, for which we thank Dave Dowling and Dezhong Chu for representing the Underwater Acoustics Technical Committee (UWTC) at the Technical Program Organizing Meeting. In Minneapolis the UWTC sponsored special sessions entitled "Head waves and interface waves," organized by Peter Dahl, and "Sonar performance and signal processing in uncertain environments" organized by Lisa Zurk and David Dowling. We are also pleased to report that Henrik Schmidt received the Pioneers of Underwater Acoustics Medal in Minneapolis and we congratulate UWTC members Ralph Stephen and Dajun Tang on the occasion of their election to Fellowship in the ASA at the Minneapolis meeting and Jixun Zhou who was elected in Vancouver.

As always, there was healthy number of papers submitted to the student paper competition for the Minneapolis meeting under the auspices of the UWTC. The first prize went to Weichang Li (Massachusetts Institute of Technology) for the paper entitled: "*Identification of rapidly time-varying acoustic communication channels.*" The second prize went to Jason Holmes (Boston University) for his paper entitled: "*An autonomous underwater vehicle technique for in-situ waveguide characterization.*"

Finally, the period between the Minneapolis meeting and Providence meeting was marked by the sad passing in January of Prof. Hank Medwin, a pioneer in underwater acoustics and the founder of our allied Technical Committee on Acoustical Oceanography.

The spring 2006 meeting in Providence had special significance for Underwater Acoustics given the long standing involvement of local New England, and Navy institutions, in the field of underwater sound. A special thanks is given to Jim Miller (meeting chair) and Jim Lynch (technical chair), and to Kathleen Wage and Gopu Potty for representing the UWTC at the Technical Program Organizing Meeting.

In Providence, the UWTC sponsored sessions entitled "High-Frequency ambient noise," organized by Juan Arvelo, "Scattering of sound at the sea surface," organized by Duncan Williams, and "High frequency acoustic propagation and applications," organized by James Preisig and Mohsen Badiey. Paul Hines gave the Hot Topic presentation on behalf of the UWTC on the subject of vector sensors. In Providence the first prize for the student paper competition went to Kevin R. James (University of Michigan) for his paper entitled "*Approximating acoustic field uncertainty in underwater sound channels.*" The second prize went to Jason Holmes (Boston University) for his paper entitled: "*Shallow water waveguide characterization using an autonomous underwater vehicle towed hydrophone array.*"

We are very pleased to announce that UWTC member Purnima Ratilal of Northeastern University was the recipient of the R. Bruce Lindsay Award in Providence. We also congratulate UWTC members Charles Holland, Kevin LePage, and AOTC members Mark Trevorrow, David Palmer and Peter Rona, who were elected Fellows in Providence.

Shortly into 2006, the UWTC held its election for Chair and I am pleased to announce that Kevin LePage takes over from me. It has been a pleasure and honor to serve as Chair of the UWTC.

PETER H. DAHL
Chair 2003–2006

USA Meetings Calendar

Listed below is a summary of meetings related to acoustics to be held in the U.S. in the near future. The month/year notation refers to the issue in which a complete meeting announcement appeared.

	2006
17–21 Sept.	INTERSPEECH 2006 (ICSLP 2006), Pittsburgh, PA [Web: www.interspeech2006.org]
28 Nov.–2 Dec.	152nd Meeting of the Acoustical Society of America joint with the Acoustical Society of Japan, Honolulu, Hawaii [Acoustical Society of America, Suite 1N01, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2360; Fax: 516-576-2377; E-mail: asa@aip.org ; Web: http://asa.aip.org].

4–8 June 153rd Meeting of the Acoustical Society of America, Salt Lake City, Utah [Acoustical Society of America, Suite 1N01, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2360; Fax: 516-576-2377; E-mail: asa@aip.org; Web: <http://asa.aip.org>].

27 Nov.–2 Dec. 154th Meeting of the Acoustical Society of America, New Orleans, Louisiana (note Tuesday through Saturday) [Acoustical Society of America, Suite 1N01, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2360; Fax: 516-576-2377; E-mail: asa@aip.org; Web: <http://asa.aip.org>].

2008

28 July–1 Aug. 9th International Congress on Noise as a Public Health Problem (Quintennial meeting of ICBEN, the International Commission on Biological Effects of Noise), Foxwoods Resort, Mashantucket, CT [Jerry V. Tobias, ICBEN 9, Post Office Box 1609, Groton CT 06340-1609, Tel.: 860-572-0680; Web: www.icben.org. E-mail: icben2008@att.net].

Cumulative Indexes to the Journal of the Acoustical Society of America

Ordering information: Orders must be paid by check or money order in U.S. funds drawn on a U.S. bank or by Mastercard, Visa, or American Express credit cards. Send orders to Circulation and Fulfillment Division, American Institute of Physics, Suite 1N01, 2 Huntington Quadrangle, Melville, NY 11747-4502; Tel.: 516-576-2270. Non-U.S. orders add \$11 per index.

Some indexes are out of print as noted below.

Volumes 1–10, 1929–1938: JASA, and Contemporary Literature, 1937–1939. Classified by subject and indexed by author. Pp. 131. Price: ASA members \$5; Nonmembers \$10.

Volumes 11–20, 1939–1948: JASA, Contemporary Literature and Patents. Classified by subject and indexed by author and inventor. Pp. 395. Out of Print.

Volumes 21–30, 1949–1958: JASA, Contemporary Literature and Patents. Classified by subject and indexed by author and inventor. Pp. 952. Price: ASA members \$20; Nonmembers \$75.

Volumes 31–35, 1959–1963: JASA, Contemporary Literature and Patents. Classified by subject and indexed by author and inventor. Pp. 1140. Price: ASA members \$20; Nonmembers \$90.

Volumes 36–44, 1964–1968: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 485. Out of Print.

Volumes 36–44, 1964–1968: Contemporary Literature. Classified by subject and indexed by author. Pp. 1060. Out of Print.

Volumes 45–54, 1969–1973: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 540. Price: \$20 (paperbound); ASA members \$25 (clothbound); Nonmembers \$60 (clothbound).

Volumes 55–64, 1974–1978: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 816. Price: \$20 (paperbound); ASA members \$25 (clothbound); Nonmembers \$60 (clothbound).

Volumes 65–74, 1979–1983: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 624. Price: ASA members \$25 (paperbound); Nonmembers \$75 (clothbound).

Volumes 75–84, 1984–1988: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 625. Price: ASA members \$30 (paperbound); Nonmembers \$80 (clothbound).

Volumes 85–94, 1989–1993: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 736. Price: ASA members \$30 (paperbound); Nonmembers \$80 (clothbound).

Volumes 95–104, 1994–1998: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 632. Price: ASA members \$40 (paperbound); Nonmembers \$90 (clothbound).

Volumes 105–114, 1999–2003: JASA and Patents. Classified by subject and indexed by author and inventor. Pp. 616. Price: ASA members \$50; Nonmembers \$90 (paperbound).

Members of Technical and Administrative Committees of the Acoustical Society of America

The Technical and Administrative Committees listed below have been appointed by the Executive Council. These appointments, with such changes as may be made by the President from time to time, will be in effect until the Spring meeting of the Society in 2007.

Technical Committees 2006–2007

Acoustical Oceanography

N. Ross Chapman, Chair to 2007

Term to 2009

Mohsen Badiéy
Michael J. Buckingham
Dezhang Chu
John A. Colosi
Christian de Moustier
Stan E. Dosso
Kenneth G. Foote
D. Vance Holliday
Andone C. Lavery
Zoi-Heleni Michalopoulou
Jeffrey A. Nystuen
David R. Palmer
Simon D. Richards
Martin Siderius
Aaron M. Thode

Term to 2008

Daniela Di Iorio
Gerald L. D'Spain Gary J. Heald
Jean-Pierre Hermand
David P. Knobles
Timothy G. Leighton
James H. Miller
Daniel Rouseff
Emmanuel K. Skarsoulis
Jerome A. Smith
Dajun Tang

Term to 2007

Kyle M. Becker
Grant B. Deane
Christopher Feuillade
Peter Gerstoft
Oleg A. Godin
John K. Horne
Bruce M. Howe
Anthony P. Lyons
Ralph A. Stephen
Kathleen E. Wage
Peter F. Worcester

Ex officio:

James F. Lynch, member of Medals and Awards Committee
Mohsen Badiéy, member of Membership Committee
Anthony P. Lyons, member of ASACOS
Lora J. Van Uffelen, member of Student Council

Animal Bioacoustics

Richard R. Fay, Chair to 2009

Term to 2009

Christopher W. Clark
William C. Cummings
Robert R. Dooling
David K. Mellinger
Arthur H. Popper
Annemarie Surlykke

Term to 2008

Whitlow W.L. Au
Kelly J. Benoit-Bird
W. Tecumseh Fitch
Dorian S. Houser
Lee A. Miller
Larry L. Pater
Hirosi Riquimaroux
Peter M. Scheifele
James A. Simmons
Edward J. Walsh

Term to 2007

Sheryl L. Coombs
Edmund R. Gerstein
Seth S. Horowitz
Cynthia F. Moss
Jeannette A. Thomas

Ex officio:

James A. Simmons, member of Medals and Awards Committee
Andrea M. Simmons, member of Membership Committee
Ann E. Bowles, member of ASACOS
Marla M. Holt, member of Student Council

Architectural Acoustics

Lily M. Wang, Chair to 2007

Term to 2009

Nils-Ake Andersson
C. Walter Beamer, IV
Leo L. Beranek
Sergio Beristain
Jim X. Borzym
Erica E. Bowden
David T. Bradley
David Braslau
Todd L. Brooks
Courtney B. Burroughs
Paul T. Calamia
Alexander U. Case
William J. Cavanaugh
Dan Clayton
Jessica S. Clements
Elizabeth A. Cohen
David A. Conant
Damian Doria
John Erdreich

Robin S. Glosemeyer
Timothy E. Gulsrud
Byron W. Harrison
Robert D. Hellweg
Murray R. Hodgson
Ian B. Hoffman
Jin Jeon
James A. Johnson
Jian Kiang
Bertram Y. Kinzey, Jr.
Mendel Kleiner
Alexis D. Kurtz
Timothy W. Leishman
Jerry G. Lilly
Edward L. Logsdon
Peter A. Mapp
David E. Marsh
Gregory A. Miller
Hideo Miyazaki
Matthew A. Nobile
Christian Nocke
Bruce C. Olson
Cornelius H. Overweg
Richard J. Peppin
Stephen D. Pettyjohn
Scott D. Pfeiffer
Norman H. Philipp
James E. Phillips
Joseph Pope
Jens Holger Rindel
Carl J. Rosenberg
Kenneth P. Roy
Hiroshi Sato
Melvin L. Saunders
Ron Sauro
Paul D. Schomer
Kevin P. Shepherd
Yasushi Shimizu
Gary W. Siebein
Abigail E. Stefaniw
Christopher A. Storch
Jason E. Summers
Louis C. Sutherland
Jiri Tichy
Nancy S. Timmerman
Brandon D. Tinianov
Gregory C. Tocci
Rendell R. Torres
Alfred C.C. Warnock
George P. Wilson
Ning Xiang

Term to 2008

Wolfgang Ahnert
Christopher N. Blair
John S. Bradley
Christopher N. Brooks
Angelo J. Campanella
Quinsan Ciao
Robert C. Coffeen
Peter D'Antonio
Felicia M. Doggett

William Dohn
Timothy J. Foulkes
Richard D. Godfrey
Tyrone Hunter
Clare M. Hurtgen
J. Christopher Jaffe
Mendel Kleiner
Jeff P. Kwoikoski
Brad W. Lewis
Stephen J. Lind
David Lubman
Ralph T. Muehleisen
Michael T. Nixon
Boaz Rafaely
Daniel R. Raichel
Jack E. Randorff
Jonathan Rathsam
H. Stanley Roller
Steven R. Ryherd
B. Schulte-Fortkamp
Noral D. Stewart
Michael Vorländer
Ning Xiang

Term to 2007

Warren E. Blazier
Joseph F. Bridger
Norm Broner
Bennett M. Brooks
Steven M. Brown
Todd A. Busch
Richard H. Campbell
F. M. del Solar Dorrego
Erin L. Dugan
M. David Egan
Jesse J. Ehnert
Michael Ermann
Adam R. Foxwell
Ronald R. Freiheit
Klaus Genuit
Matthew V. Golden
Kenneth W. Good, Jr.
Brad N. Gover
Mark A. Holden
K. Anthony Hoover
Jerald R. Hyde
David W. Kahn
Martha M. Larson
Gary S. Madaras
Benjamin E. Markham
Charles T. Moritz
David L. Moyer
Edward T. Nykaza
Paul B. Ostergaard
Dennis A. Paoletti
Stephen W. Payne
Benjamin C. Seep
Neil A. Shaw
Ryan G. Sieler
Rose Mary Su
Jeff D. Szymanski
Richard H. Talaske
Michelle Vigeant

Ewart A. Wetherill
George E. Winzer
Michael R. Yantis

Ex officio:

Ewart A. Wetherill, member of Medals and Awards
Gregory C. Tocci, member of Membership Committee
George E. Winzer, member of ASACOS
Michelle C. Vigeant, member of Student Council

Biomedical Ultrasound/Bioresponse to Vibration

Michael R. Bailey, Chair to 2008

Term to 2009

Emmanuel Bossy
Anthony J. Brammer
Robin O. Cleveland
Paul A. Dayton
Mostafa Fatemi
Yuri A. Ilinskii
Peter J. Kaczkowski
Jeffrey A. Ketterling
Vera A. Khokhlova
Oliver D. Kripfgans
James C. Lacefield
James A. McAteer
Yuri A. Pishchalnikov
Tyrone M. Porter

Term to 2008

John S. Allen
Whitlow W.L. Au
Paul E. Barbone
Charles C. Church
Gregory Clement
Floyd Dunn
E. Carr Everbach
Mark S. Hamilton
Christy K. Holland
R. Glynn Holt
Elisa E. Konofagou
Subha Maruvada
Wesley L. Nyborg
James A. Simmons
Andrew J. Szeri

Term to 2007

Constantin-C. Coussios
Diane Dalecki
J. Brian Fowlkes
Kullervo H. Hynynen
T. Douglas Mast
Thomas J. Matula
Robert J. McGough
Douglas L. Miller
Ronald A. Roy
Thomas J. Royston
Kendall R. Waters
Pei Zhong

Ex officio:

Lawrence A. Crum, member of the Medals and Awards Committee
E. Carr Everbach, member of the Membership Committee and member of ASACOS
Neil R. Owen, member of Student Council

Engineering Acoustics

Dennis F. Jones, Chair to 2009

Term to 2009

Stanley L. Ehrlich
Gary W. Elko
Robert D. Finch
Guillermo C. Gaunaud
Thomas R. Howarth
Dehua Huang
Sung Hwan Ko
Victor Nedzelitsky
James M. Powers
P. K. Raju
Stephen C. Thompson
James E. West
George S. K. Wong

Term to 2008

Steven R. Baker
David A. Brown
Stephen C. Butler
Robert D. Corsaro
Stephen E. Forsythe
Brian H. Houston
W. Jack Hughes
Robert M. Koch
L. Dwight Luker
Arnie L. Van Buren
Kenneth M. Walsh
Daniel M. Warren
Joseph F. Zalesak

Term to 2007

Mahlon D. Burkhard
James Christoff
Fernando Garcia-Osuna
Charles S. Hayden
Jan F. Lindberg
Yushieh Ma
Elizabeth A. McLaughlin
Alan Powell
Roger T. Richards
Kenneth D. Rolt
Neil A. Shaw
James F. Tressler

Ex officio:

Mahlon D. Burkhard, member of Medals and Awards Committee and member of ASACOS
Thomas R. Howarth, member of Membership Committee
Alexandra Loubeau, member of Student Council

Musical Acoustics

James W. Beauchamp, Chair to 2008

Term to 2009

Rolf Bader
Xavier Boutillon
Jonas Braasch
Murray D. Campbell
Rene E. Causse
Antoine J. Chaigne
Neville H. Fletcher
Nicholas J. Giordano
J. M. Harrison
William M. Hartmann
William L. Martens
James M. Pyne
Daniel A. Russell
Punita G. Singh
Sten O. Ternstrom
Paul A. Wheeler
Shigeru Yoshikawa

Term to 2008

George A. Bissinger
Annabel J. Cohen
James P. Cottingham
Diana Deutsch
Neville H. Fletcher
Roger J. Hansen
Uwe J. Hansen
Peter L. Hoekje
James H. Irwin
Ian M. Lindevald
Stephen E. McAdams
Gary P. Scavone
Chris E. Waltham

Term to 2007

R. Dean Ayers
Judith C. Brown
Courtney B. Burroughs
John R. Buschert
Thomas M. Huber
Bozena Kostek
Barry Larkin
Daniel O. Ludwigsen
Thomas D. Rossing
David B. Sharp
Julius O. Smith
William J. Strong

Ex officio:

Uwe J. Hansen, member of Medals and Awards Committee
James P. Cottingham, member of Membership Committee
Ian M. Lindevald, member of ASACOS
Brian B. Monson, member of Student Council

Noise

Brigitte Schulte-Fortkamp, Chair to 2009

Term to 2009

Sergio Beristain
Susan B. Blaeser
Erica E. Bowden
Bennett M. Brooks
Ilene J. Busch-Vishniac
Angelo J. Campanella
William J. Cavanaugh
Gilles A. Daigle
Patricia Davies
Damian J. Doria
Connor R. Duke
Jesse J. Ehnert
Tony F. W. Embleton
John Erdreich
David J. Evans
Bradford N. Gover
Robert D. Hellweg
Tyrone Hunter
William W. Lang
Richard H. Lyon
Alan H. Marsh
Ralph T. Muehleisen
William J. Murphy
Joseph Pope
Daniel R. Raichel
Kenneth P. Roy
Kevin P. Shepherd
Scott D. Sommerfeldt
Kerrie G. Standlee
George S.K. Wong

Term to 2008

Elliott H. Berger
Ann E. Bowles
Frank H. Brittain
Steven M. Brown
Mahlon D. Burkhard
Robert D. Collier
Lawrence S. Finegold
Samir N. Y. Gerges
Richard D. Godfrey
Matthew V. Golden
Murray R. Hodgson
Jerry G. Lilly
Stephen J. Lind
David Lubman
George A. Luz
Matthew A. Nobile
Richard J. Peppin
Robert A. Putnam
Jack E. Randorff
Stephen I. Roth
Paul D. Schomer
Michelle E. Swearingen
Nancy S. Timmerman
Brandon D. Tinianov

Gregory C. Tocci
Lily M. Wang

Term to 2007

Martin Alexander
Brian E. Anderson
Keith Attenborough
John P. Barry
Leo L. Beranek
Arno S. Bommer
James O. Buntin
John C. Burgess
Jim R. Cummins
Kenneth A. Cunefare
Paul R. Donavan
Ronald R. Freiheit
Klaus Genuit
Michael L. Gross
David C. Haser
Gerald C. Lauchle
George C. Maling
Thomas R. Norris
John P. Seiler
Noral D. Stewart
Louis C. Sutherland
Jiri Tichy
D. Keith Wilson
Ning Xiang

Ex officio:

Nancy S. Timmerman, member of Medals and Awards Committee
John Erdreich, member of Membership Committee
Richard J. Peppin, member of ASACOS
Connor R. Duke, member of Student Council

Physical Acoustics

Murray S. Korman, Chair to 2008

Term to 2009

Anthony A. Atchley
Henry E. Bass
Yves H. Berthelot
James P. Chambers
Charles C. Church
Kenneth G. Foote
Mark F. Hamilton
David I. Havelock
Philip L. Marston
Peter H. Rogers
Ronald A. Roy
James M. Sabatier
Philip S. Spoor
Larry A. Wilen
D. Keith Wilson
Evgenia A. Zabolotskaya

Term to 2008

Robert T. Beyer
Robin O. Cleveland
Lawrence A. Crum

Kenneth E. Gilbert
Robert A. Hiller
R. Glynn Holt
Bart Lipkens
Thomas J. Matula
Ralph T. Muehleisen
Harry Simpson
John S. Stroud
Richard L. Weaver
Preston S. Wilson

Term to 2007

David T. Blackstock
David A. Brown
John A. Burkhardt
Kerry W. Commander
Bruce C. Denardo
Logan E. Hargrove
D. Kent Lewis
Julian D. Maynard
George Mozurkewich
Lev A. Ostrovsky
Andrea Prosperetti
Neil A. Shaw
Victor W. Sparrow
Richard Stern
Roger M. Waxler

Ex officio:

Thomas J. Matula, member of Medals and Awards Committee
Steven L. Garrett, member of Membership Committee
Sameer I. Madanshetty, member of ASACOS
Todd A. Hay, member of Student Council

Psychological and Physiological Acoustics

Elizabeth A. Strickland, Chair to 2008

Term to 2009

Katherine H. Aerhart
Amy R. Horwitz
Glenis R. Long
Enrique A. Lopez-Poveda
Robert S. Schlauch
Stanley E. Sheft

Term to 2008

Michael A. Akeroyd
Alain de Cheveigne
Brent W. Edwards
John H. Grose
Gerald D. Kidd, Jr.
Armin Kohlrausch
Brenda L. Lonsbury-Martin
William P. Shofner
Lynne A. Werner

Term to 2007

David A. Eddins
Lawrence L. Feth

Hedwig E. Gockel
Jennifer Lentz
Mario A. Ruggero

Ex officio:

William M. Hartmann, member of the Medals and Awards Committee
Lynne A. Werner, member of Membership Committee
Brent W. Edwards, member of ASACOS
Suzanne P. Carr, member of Student Council

Signal Processing in Acoustics

David H. Chambers, Chair to 2009

Term to 2009

James V. Candy
William M. Carey
Leon Cohen
Geoffrey S. Edelson
Stanley L. Ehrlich
Brian Ferguson
Paul J. Gendron
Peter Gerstoft
William M. Hartmann
Kevin D. Heaney
William S. Hodgkiss
Paul D. Hursky
John M. Impagliazzo
Patrick J. Loughlin
Jens M. Meyer
Hassan Namarvar
Joe W. Posey
James C. Preisig
Brian D. Rapids
Edmund J. Sullivan

Term to 2008

Frank A. Boyle
Joe A. Clark
R. Lee Culver
David J. Evans
David M. Fromm
Howard A. Gaberson
David I. Havelock
Jean-Pierre Hermand
George E. Ioup
Juliette Ioup
Matti A. Karjalainen
Sean K. Lehman
Lance L. Locey
Zoi-Heleni Michalopoulou
Brian B. Monson
Joseph Pope
Leon H. Sibul
Randall W. Smith
Krykidos Tsiappoutas
James E. West
Gary R. Wilson
George S. K. Wong
Ning Xiang

Term to 2007

Max Deffenbaugh
Alireza A. Dibazar
Gary W. Elko
Alan W. Meyer
Daniel J. Sinder
David C. Swanson
Robert C. Waag
Preston S. Wilson
Lixue Wu

Ex officio:

Leon H. Sibul, member of Medals and Awards Committee
David I. Havelock, member of Membership Committee
Charles F. Gaumont, member of ASACOS
John H. Camin, member of Student Council

Speech Communication

Maureen L. Stone, Chair to 2007

Term to 2009

Jean E. Andruski
Lynne E. Bernstein
Ocke-Schwen Bohn
Suzanne E. Boyce
Ann R. Bradlow
Bruce R. Gerratt
Kenneth W. Grant
Paul E. Iverson
Benjamin R. Munson
Peggy B. Nelson
Mitchell S. Sommers
Brad H. Story
Joan E. Sussman

Term to 2008

Norma S. Barroso
Fredericka Bell-Berti
Ann R. Bradlow
Dani M. Byrd
Roger W. Chan
Alexander L. Francis
Kenneth W. Grant
Anders Lofqvist
Terrance M. Nearey
Douglas D. O'Shaughnessy
Joseph S. Perkell
Astrid Schmidt-Nielsen
Joan E. Sussman
Gary G. Weismer

Term to 2007

Patrice S. Beddor
Melissa A. Epstein
Robert Allen Fox
Helen M. Hanson
Diane Kewley-Port

Jody E. Kreiman
Andrew J. Lotto
Shrikanth S. Narayanan
Dwayne Paschall

Ex officio:

Fredericka Bell-Berti, member of Medals and Awards Committee
Abeer Alwan, member of Membership Committee
Shrikanth S. Narayanan, member of ASACOS
Jennell Vick, member of Student Council

Structural Acoustics and Vibration

Sean F. Wu, Chair to 2009

Term to 2009

Joseph M. Cuschieri
David Feit
Sabih I. Hayek
Philip L. Marston
James E. Phillips
Earl G. Williams

Term to 2008

Dean E. Capone
Joel Garrelick
Peter C. Herdic
Teik C. Lim
Thomas J. Royston
Angie Sarkissian
Richard L. Weaver
Jeffrey S. Vipperman

Term to 2007

Jeffrey E. Boisvert
Stephen C. Conlon
Linda P. Franzoni
Robert C. Haberman
Rudolph Martinez
Koorosh Naghshineh
Carl Pray
Michael F. Shaw

Ex officio:

Courtney B. Burroughs, member of Membership Committee
Mauro Pierucci, member of Medals and Awards Committee
Sabih I. Hayek, member of ASACOS
Micah Shepherd, member of Student Council

Underwater Acoustics

Kevin LePage, Chair to 2009

Term to 2009

Ralph N. Baer
John R. Buck
Chi-Fan Cheng
David R. Dowling
Roger C. Gauss
Frank S. Henyey

Paul C. Hines
Chen-Fen Huang
Marcia J. Isakson
Finn B. Jensen
Sunwoong Lee
James H. Miller
John R. Preston
Purnima Ratilal
Karim G. Sabra
John B. Schneider
Ralph A. Stephen
Alexander G. Voronovich
Kevin L. Williams
Lisa M. Zurk

Term to 2008

Juan I. Arvelo, Jr.
Pierre-Philippe Beaujean
Shira L. Broschat
Geoffrey F. Edelmann
Peter Gerstoft
John H. Glattetre
Brian T. Hefner
Jean-Pierre Hermand
Charles W. Holland
John C. Osler
Kevin B. Smith
Brian J. Sperry
Christopher T. Tindle
Alexandra I. Tolstoy

Term to 2007

David C. Calvo
Jee Woong Choi
Christian P. de Moustier
Stan E. Dosso
Nicholas C. Makris
Zoi-Heleni Michalopoulou
Tracianne B. Neilsen
Robert I. Odom
Marshall H. Orr
Gregory J. Orris
James C. Preisig
Martin Siderius
Kathleen E. Wage
Jixun Zhou

Ex officio:

Henrik Schmidt, member of Membership Committee
Eric I. Thorsos, member of Medals and Awards Committee
Joseph F. Zalesak, member of ASACOS
Andrew Ganse, member of Student Council

Administrative Committees 2006–2007

Archives and History

Julian D. Maynard, Chair to 2007

Term to 2009

Jont B. Allen

Ralph R. Goodman
David I. Havelock
Wesley L. Nyborg
Richard J. Peppin
William J. Strong

Term to 2008

Anthony A. Atchley
Leo L. Beranek
William J. Cavanaugh
Steven L. Garrett
Logan E. Hargrove
Allan D. Pierce
Victor W. Sparrow

Term to 2007

Henry E. Bass
David T. Blackstock
E. Carr Everbach
William W. Lang
David L. Moyer
Richard Stern
Rosalie M. Uchanski

Audit Committee

George V. Frisk, Chair to 2006

Term to 2007

Judy R. Dubno

Term to 2008

Diane Kewley-Port

Books⁺

David L. Bradley, Chair to 2008

Term to 2009

Juan I. Arvelo
Jerry H. Ginsberg
Philip L. Marston

Term to 2008

James P. Cottingham
Nancy S. McGarr
Jeffrey A. Nystuen
Neil A. Shaw
Emily A. Tobey

Term to 2007

Stanley L. Chin-Bing
Robert C. Spindel

Ex officio:

Allan D. Pierce, Editor-in-Chief

College of Fellows

Janet M. Weisenberger, Chair to 2007

Term to 2009

Thomas J. Matula
Scott D. Sommerfeldt
Stephen C. Thompson
Beverly A. Wright

Term to 2008

Stanley L. Ehrlich
E. Carr Everbach

Term to 2007

Peter G. Cable
M. David Egan
Uwe J. Hansen
Diane Kewley-Port
Thomas D. Rossing

Ex officio:

William J. Cavanaugh, past Chair
Richard H. Lyon, past Chair

Education in Acoustics

James M. Sabatier, Chair to 2009

Term to 2009

William A. Ahroon
Takayuki Arai
Anthony A. Atchley
Fredericka Bell-Berti
Suzanne E. Boyce
Robert D. Celmer
Annabel J. Cohen
E. Carr Everbach
Thomas B. Gabrielson
Steven L. Garrett
Kent L. Gee
Uwe J. Hansen
Katherine S. Harris
Elizabeth S. Ivey
Joie P. Jones
Maria B. Mody
Amy T. Neel
P. K. Raju
Deborah M. Rekart
Daniel A. Russell
M. Roman Serbyn
Victor W. Sparrow
Emily A. Tobey

Term to 2008

David T. Blackstock
Courtney B. Burroughs
Robin O. Cleveland
Kenneth A. Cunefare
D. Michael Daly
Mary Florentine
Logan E. Hargrove
Mardi C. Hastings
Peter L. Hoekje
Darrell R. Jackson
Michel T. T. Jackson
Murray S. Korman
Luc Mongeau
Neil A. Shaw
Kevin B. Smith
Ralph A. Stephen
James E. West
Wayne M. Wright

Term to 2007

George A. Bissinger
David A. Brown
Robert D. Collier
Corinne M. Darvennes

Margaritis S. Fourakis
 Carole E. Gelfer
 Daniel O. Ludwigsen
 Sharon Y. Manuel
 Philip L. Marston
 Ralph T. Muehleisen
 Andrew A. Piacsek
 Daniel R. Raichel
 Thomas D. Rossing
 Ronald A. Roy
 Dawn R. Schuette
 Scott D. Sommerfeldt
 William Thompson, Jr.
 Robert A. Walkling
 George S. K. Wong

Ethics and Grievances

Janet M. Weisenberger, Chair to 2008

Term to 2008

William J. Cavanaugh
 Gerald L. D'Spain
 Barbara G. Shinn-Cunningham

International Research and Education

Gilles A. Daigle, Chair
 Sergio Beristain
 Lawrence A. Crum
 Malcolm J. Crocker
 Samir N. Y. Gerges
 Vera A. Khokhlova
 William M. Hartmann
 Konstantin A. Naugolnykh
 Oleg Sapozhnikov
 Brigitte Schulte-Fortkamp
 Michael Vorlander
 Suk Wang Yoon

Investments

Ilene J. Busch-Vishnaic, Chair to 2007

Term to 2009

William A. Yost

Term to 2008

Lawrence A. Crum
 Richard H. Lyon

Ex officio:

David Feit, Treasurer

Medals and Awards

David L. Bradley, Chair to 2007

Term to 2009

Lawrence A. Crum	Biomedical Ultrasound/Bioresponse to Vibration
William M. Hartmann	Psychological and Physiological Acoustics
Thomas J. Matula	Physical Acoustics
Nancy S. Timmerman	Noise

Term to 2008

James A. Simmons	Animal Bioacoustics
Mauro Pierucci	Structural Acoustics and Vibration
Eric I. Thorsos	Underwater Acoustics
Ewart A. Wetherill	Architectural Acoustics

Term to 2007

Uwe J. Hansen	Musical Acoustics
Fredericka Bell-Berti	Speech Communication
Mahlon D. Burkhard	Engineering Acoustics
James F. Lynch	Acoustical Oceanography
Leon H. Sibul	Signal Processing in Acoustics

Meetings—June 2006–November 2006

Clark S. Penrod, Chair to 2008

Whitlow W.L. Au, Fall 2006, Honolulu and ASA Vice President-Elect
 Fred C. DeMetz, Fall 2007, New Orleans
 George V. Frisk, Vice President
 Murray S. Hodgson, Spring 2005, Vancouver
 James H. Miller, Spring 2006, Providence
 Elaine Moran, ASA Office Manager, ex officio
 Peggy B. Nelson, Fall 2005, Minneapolis
 Charles E. Schmid, Executive Director, ex officio
 Scott D. Sommerfeldt, Spring 2007, Salt Lake City

Meetings—November 2006–June 2007

Clark S. Penrod, Chair to 2008

Whitlow W.L. Au, Fall 2006, Honolulu and ASA Vice President-Elect
 Fred C. DeMetz, Fall 2007, New Orleans
 George V. Frisk, Vice President
 Murray S. Hodgson, Spring 2005, Vancouver
 James H. Miller, Spring 2006, Providence
 Elaine Moran, ASA Office Manager, ex officio
 Peggy B. Nelson, Fall 2005, Minneapolis
 Charles E. Schmid, Executive Director, ex officio
 Scott D. Sommerfeldt, Spring 2007, Salt Lake City
 William A. Yost, Spring 2008, Paris

Membership

Peter H. Rogers, Chair to 2009

Term to 2009

Abeer Alwan	Speech Communication
Lynne E. Werner	Psychological and Physiological Acoustics
James P. Cottingham	Musical Acoustics
Thomas R. Howarth	Engineering Acoustics
Andrea M. Simmons	Animal Bioacoustics

Term to 2008

E. Carr Everbach	Biomedical Ultrasound/Bioresponse to Vibration
Courtney B. Burroughs	Structural Acoustics and Vibration
Burton G. Hurdle	International Members
John Erdreich	Noise

Term to 2007

Mohsen Badiey	Acoustical Oceanography
Steven L. Garrett	Physical Acoustics
David I. Havelock	Signal Processing in Acoustics
Henrik Schmidt	Underwater Acoustics
Gregory C. Tocci	Architectural Acoustics

Prizes and Special Fellowships

Wayne M. Wright, Chair to 2007

Term to 2009

Fredericka Bell-Berti
 James E. West

Term to 2008

Uwe J. Hansen

Term to 2007

Anthony A. Atchley
Constantine Trahiotis

Public Relations

Geoffrey E. Edelmann, Chair to 2009

Term to 2009

Paul A. Baxley
Ann E. Bowles
Paul D. Hursky
Jack E. Randorff
Barbara J. Sotirin
Lora J. Van Uffelen
Kathleen E. Wage

Term to 2008

Katherine H. Kim
Ellen S. Livingston
Andrew A. Piacsek
Brigitte Schulte-Fortkamp

Term to 2007

Kelly J. Benoit-Bird
E. Carr Everbach
Christy K. Holland
Joe W. Posey
Stephen C. Thompson

Ex officio:

Allan D. Pierce, Editor-in-Chief
Elaine Moran, ASA Office Manager
Charles E. Schmid, Executive Director
Thomas D. Rossing, Echoes Editor

Publication Policy

Mark F. Hamilton, Chair to 2009

Term to 2009

Jont B. Allen
David I. Havelock
Brenda L. Lonsbury-Martin

Term to 2008

Diane Dalecki
James F. Lynch

Term to 2007

Charles C. Church
Mark F. Hamilton
Mardi C. Hastings

Ex officio:

Gilles A. Daigle, President-Elect
Allan D. Pierce, Editor-in-Chief

Regional Chapters

Juan I. Arvelo, Cochair to 2008

Elizabeth A. McLaughlin, Cochair to 2008

Brian B. Monson	Brigham Young Univ. Student Chapter
Angelo J. Campanella	Central Ohio
Robert M. Keolian	Central Pennsylvania
Ernest M. Weiler	Cincinnati

Rebecca Mercuri	Delaware Valley
Gary W. Siebein	Florida
Timothy J. Foulkes	Greater Boston
Michael J. Anderson	Inland Northwest
Neil A. Shaw	Los Angeles
Hari S. Paul	Madras, India
Sergio Beristain	Mexico City
Roger T. Richards	Narragansett
Jonathan Rathsam	Univ. of Nebraska, Student Chapter
Richard F. Riedel	New York
George A. Bissinger	North Carolina
Peter F. Assmann	North Texas
James R. Angerer	Northwest
David Lubman	Orange County
Paul A. Baxley	San Diego
David Braslau	Upper Midwest
Juan I. Arvelo	Washington, D. C.
Thomas M. Disch	Wisconsin

Ex officio:

James M. Sabatier, Chair, Education in Acoustics
David Feit, Treasurer
Connor Duke, Student Council representative

Rules and Governance

William M. Hartmann, Chair to 2008

Term to 2009

Elaine Moran
Charles E. Schmid

Term to 2008

Ilene J. Busch-Vishnaic
Tony F. W. Embleton
Richard H. Lyon

Term to 2007

William J. Cavanaugh
Floyd Dunn

Standards*Executive Committee*

Paul D. Schomer, Chair (Standards Director)
Robert D. Hellweg, Vice Chair
Susan B. Blaeser, Standards Manager, ex officio

S1 Representation

John P. Sieler, Chair S1 and ASA rep. on S1
George S. K. Wong, Vice Chair S1 and ASA alternate rep. on S1

S2 Representation

Ronald L. Eshleman, Chair S2
Ali T. Herfat, Vice Chair
Sabih I. Hayek, ASA rep. on S2
Bruce E. Douglas, ASA alternate rep. on S2

S3 Representation

Craig A. Champlin, Chair S3 and ASA rep. on S3
Robert F. Burkard, Vice Chair S3 and ASA alternate rep. on S3

S12 Representation

Robert D. Hellweg, Chair S12
William J. Murphy, Vice Chair S12
Bennett M. Brooks, ASA rep. on S12
David Lubman, ASA alternate rep. on S12

International TAGs (ex officio)

Paul D. Schomer, Chair, U. S. TAG for ISO/TC 43 and ISO/TC 43/SC1
David J. Evans, Chair, U. S. TAG for ISO/TC 108
Victor A. Nedzelnitsky, U. S. Technical Advisor for IEC/TC 29

ASA Technical Committee Representatives

Whitlow W. L. Au, Chair of ASA Technical Council, ex officio
Anthony P. Lyons, Acoustical Oceanography
Ann E. Bowles, Animal Bioacoustics
George E. Winzer, Architectural Acoustics
E. Carr Everbach, Biomedical Ultrasound/Bioresponse to Vibration
Mahlon D. Burkhard, Engineering Acoustics
Ian M. Lindevald, Musical Acoustics
Richard J. Peppin, Noise
Sameer I. Madanshetty, Physical Acoustics
Brent W. Edwards, Psychological and Physiological Acoustics
Charles F. Gaumont, Signal Processing in Acoustics
Shrikanth S. Narayanan, Speech Communication
Sabih I. Hayek, Structural Acoustics and Vibration
Joseph F. Zalesak, Underwater Acoustics

ASA Officers

David Feit, Treasurer, ex officio
Charles E. Schmid, Executive Director, ex officio

Past Chair of ASACOS (ex officio)

Tony F. W. Embleton

Associate Editors for Standards News—JASA (ex officio)

Susan B. Blaeser
George S. K. Wong

Student Council

Brian B. Monson Chair and Musical Acoustics
Jennell C. Vick Speech Communication
Suzanne P. Carr Psychological and Physiological Acoustics
Michelle C. Vigeant Architectural Acoustics
Connor R. Duke Noise and Regional Chapters Com. Liaison
Andrew Ganse Underwater Acoustics
Marla M. Holt Animal Bioacoustics
Todd A. Hay Physical Acoustics
Lora J. van Uffelen Acoustical Oceanography
Alexandra Loubeau Engineering Acoustics
John Camin Signal Processing in Acoustics
Michael Canney Biomedical/Bioresponse
Micah Shepherd Structural Acoustics and Vibration

Tutorials

Lily M. Wang, Chair to 2009

Term to 2009

Gerald D. Kidd

Term to 2008

Kenneth A. Cunefare
David R. Dowling
Barbara G. Shinn-Cunningham

Term to 2007

Ann R. Bradlow
James V. Candy
James P. Chambers

Ex officio:

Charles E. Schmid, Executive Director

Women in Acoustics

Lisa M. Zurk, Chair to 2009

Term to 2009

Kathryn W. Hatlestad
Carolyn J. Richie

Term to 2008

Mardi C. Hastings
Brigitte Schulte-Fortkamp
Sophie Van Parijs
Lily M. Wang

Term to 2007

Sarah Hargus Ferguson
Benjamin R. Munson
Donna L. Neff
Nancy S. Timmerman

Ex officio:

George V. Frisk, Vice President-Elect

Acoustics Today Editorial Board

Richard Stern, Chair
Elliott H. Berger
Ilene J. Busch-Vishniac
Carol Espy-Wilson
K. Anthony Hoover
James F. Lynch
Allan D. Pierce
Thomas D. Rossing
Brigitte Schulte-Fortkamp

JASA Editorial Board

Term to June 2009

S. L. Broschat, Underwater Sound
J. A. Colosi, Underwater Sound
D. R. Dowling, Underwater Sound
R. F. Freyman, Psychological Acoustics
R. C. Gauss, Underwater Sound
M. C. Hastings, Bioacoustics—Animal
R. Y. Litovsky, Psychological Acoustics
A. Lofqvist, Speech Production
B. L. Lonsbury-Martin, Physiological Acoustics
T. D. Mast, Ultrasonics and Physical Acoustics
J. J. McCoy, Mathematical Acoustics
E. Moran, Acoustical News—USA
T. D. Rossing, Education in Acoustics
C. H. Shadle, Speech Production
V. W. Sparrow, Education in Acoustics
E. J. Sullivan, Acoustic Signal Processing
R. Stern, Electronic Archives
A. I. Tolstoy, Underwater Sound
S. F. Wu, General Linear Acoustics

Term to June 2008

K. A. Attenborough, Noise
S. B. Blaeser, Acoustical News—Standards
D. S. Burnett, Computational Acoustics
W. M. Carey, Signal Processing in Acoustics
K. A. Cunefare, Noise, Its Effects and Control
D. Deutsch, Music and Musical Instruments
D. Feit, Structural Acoustics and Vibration
N. H. Fletcher, Music and Musical Instruments
K. G. Foote, Underwater Sound

K. W. Grant, Speech Perception
P. E. Iverson, Speech Perception
G. C. Lauchle, Atmospheric Acoustics and Aeroacoustics
R. A. Lutfi, Psychological Acoustics
P. L. Marston, Acoustical Reviews-Books
W. G. Mayer, Acoustical News-International
V. E. Ostashev, Atmospheric Acoustics and Aeroacoustics
L. D. Rice, Acoustical Reviews-Patents
B. Schulte-Fortkamp, Noise: Effects and Control
W. P. Shofner, Physiological Acoustics
M. Sommers, Speech Perception
R. A. Stephen, Underwater Sound
B. H. Story, Speech Production
J. E. Sussman, Speech Perception
A. J. Szeri, Ultrasonics and Physical Effects of Sound
R. M. Waxler, General Linear Acoustics
G. S. K. Wong, Acoustical News—Standards
A. J. Zuckerwar, Applied Acoustics; Transduction; Acoustical Measurements

Term to June 2007

W. W. L. Au, Bioacoustics-Animal
P. E. Barbone, Ultrasonics; Physical Effects of Sound
Y. H. Berthelot, Ultrasonics, Physical Effects of Sound
A. R. Bradlow, Speech Perception
C. C. Church, Bioacoustics-Biomedical
A. J. M. Davis, General Linear Acoustics
F. Dunn, Bioacoustics-Biomedical
L. P. Franzoni, Structural Acoustics andVibration
J. H. Grose, Psychological Acoustics
J. H. Ginsberg, Structural Acoustics and Vibration
M. F. Hamilton, Nonlinear Acoustics
M. S. Howe, Atmospheric Acoustics and Aeroacoustics
M. Kleiner, Architectural Acoustics
J. G. McDaniel, Structural Acoustics and Vibration
D. D. O'Shaughnessy, Speech Processing and Communication Systems
A. J. Oxenham, Psychological Acoustics
R. Raspet, Ultrasonics, Physical Effects of Sound
W. L. Siegmann, Underwater Acoustics
J. A. Simmons, Bioacoustics
L. C. Sutherland, Atmospheric Acoustics and Aeroacoustics
L. L. Thompson, General Linear Acoustics
R. L. Weaver, Structural Acoustics and Vibration
E. G. Williams, Structural Acoustics and Vibration
N. Xiang, Architectural Acoustics

Associate Editors of JASA Express Letters (JASA-EL)

Term to 30 June 2009

D. S. Burnett, Computational Acoustics
J. V. Candy, Acoustic Signal Processing
C. C. Church, Bioacoustics
M. F. Hamilton, Nonlinear Acoustics

J. M. Hillenbrand, Speech Perception
A. Lofqvist, Speech Production
J. F. Lynch, Underwater Acoustics
B. L. Lonsbury-Martin, Physiological Acoustics
T. J. Matula, Ultrasonics, Quantum Acoustics and Physical Effects of Sound
J. G. McDaniel, Structural Acoustics and Vibration
A. N. Norris, General Linear Acoustics
D. D. O'Shaughnessy, Speech Processing and Communication Systems and Speech Perception
T. D. Rossing, Music and Musical Instruments
M. R. Stinson, Noise
R. M. Waxler, General Linear Acoustics
N. Xiang, Architectural Acoustics

Term to 30 June 2008

I. J. Busch-Vishniac, Transduction
D. Deutsch, Musical Acoustics
Q.-J. Fu, Psychological Acoustics
V. E. Ostashev, Aeroacoustics and Atmospheric Acoustics

Term to 30 June 2007

G. B. Deane, Underwater Sound
S. G. Kargl, Nonlinear Acoustics
C. F. Moss, Bioacoustics
J. Mobley, Ultrasonics, Quantum Acoustics and Physical Effects of Sound

Ad-Hoc Committees 2006–2007

JASA–EL Editorial Advisory

D. Keith Wilson, Chair
E. Carr Everbach
Anders Lofqvist
Philip L. Marston
Andrew N. Norris
Allan D. Pierce
Michael R. Stinson

Strategic Use of Investment Income

David Feit, Chair
Anthony A. Atchley
Charles E. Schmid

Education Outreach

Uwe J. Hansen
Jules S. Jaffe
Matthew E. Poese

ASA Webpage

Stephen C. Thompson, Chair
Susan Blaeser
Andrew Ganse
Katherine Kim
Elaine Moran