

## E. Moran

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

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## New Fellows of the Acoustical Society of America



Stephen I. Finette



Ronald A. Wagstaff



Lily M. Wang

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## Annual Reports of Technical Committees

(See October and November issues for additional reports)

### Acoustical Oceanography

*Fall 2006 Meeting, joint with the Acoustical Society of Japan (Honolulu, Hawaii).* The Technical Committee on Acoustical Oceanography (AO) sponsored two special sessions: (1) "Acoustic scattering by aquatic organisms," organized by Ken Foote (Woods Hole Oceanographic Institution) and Masahiro Furusawa from the Acoustical Society of Japan; and (2) "Ocean acoustic tomography for coastal and deep water applications," organized by Jim Mercer (Applied Physical Laboratory, Seattle) and Arato Kaneko from the Acoustical Society of Japan. I want to thank Jim and Ken for their extra efforts in coordinating these sessions with their co-chairs from Japan. The Best Student Paper Awards in Acoustical Oceanography went to Paul Roberts of Scripps (first prize winner) for his paper, "Multiple-angle acoustic scattering and classification of zooplankton," and Tadanori Fujino (Fisheries Research Agency, Hasaki, Japan) who won second prize for his paper, "Target strength of a mesopelagic fish (*Maurollicus japonicus*) at 38 and 120 kHz." Andone Lavery (Woods Hole Oceanographic Institution) represented AO at the Technical Program Organizing Meeting.

*Spring 2007 Meeting (Salt Lake City, Utah).* The 2007 Medwin Prize in Acoustical Oceanography was awarded to Brian Dushaw of the University of Washington, Applied Physical Laboratory, Seattle, for his research on acoustic tomography to measure temperature change in the ocean. Dr. Dushaw presented the AO Prize Lecture entitled, "The recent history of our understanding of low-mode internal tides in the ocean." AO sponsored two special sessions and a memorial session for Hank Medwin. Jim Lynch (Woods Hole Oceanographic Institution) organized a special session entitled "Acoustic sensing of the ocean and seabed using gliders and AUVs." Grant

Deane (Marine Physical Laboratory, UCSD) organized a special session entitled "Acoustics of bubble clouds." Mike Buckingham, David Farmer, and Van Holliday organized the memorial session for Hank Medwin. Kevin Cockrell (MIT) won first prize in the competition for the Best Student Paper Award in Acoustical Oceanography for his paper entitled, "A proposed technique for source localization using an autonomous underwater vehicle," and Jan Dettmer (University of Victoria) was awarded second prize for his paper entitled "Bayesian full-wavefield reflection coefficient inversion and uncertainty estimation." Matt Dzieciuch (UCSD) represented AO at the Technical Program Organizing Meeting.

Information on these and related matters is available on the new Acoustical Oceanography Technical Committee website. It can be reached through the ASA web page by clicking on "Committees."

This is my last report as Technical Chair of this committee. It has been a privilege to serve as chair, and I want to close by thanking all the volunteers who have helped me over the past three years.

N. ROSS CHAPMAN

*Chair 2005—2007*

### Animal Bioacoustics

The Animal Bioacoustics (AB) Technical Committee had a productive year with good representation at the fall (Honolulu, Hawaii) and spring (Salt Lake City, Utah) meetings, and exciting plans for future meetings and events.

At the Honolulu meeting, AB sponsored or co-sponsored four special sessions that were well attended and quite successful. For a full day, we held a tribute to the late Arthur Myrberg, who was one of the founders of the field of fish bioacoustics ("Fish Bioacoustics: A Tribute to Arthur Myrberg I and II," chaired by Arthur Popper and Richard Fay). The presentations covered the history of the field, and Art Myrberg's participation in it together with recent research on acoustic communication, the effects of noise, and hearing

by fishes. In a special session titled "Acoustic Scene Analysis and Communication in Animals," co-chaired by Cynthia Moss and Hiroshi Riquima-rour, papers were presented on the phenomenon of auditory scene analysis revealed in nonhuman animals, from bats to insects. W. Tecumseh Fitch and Kiyoshi Honda co-chaired a special session on "Vertebrate Vocal Production: Themes and Variations," covering vocal structures and mechanisms to evolutionary principles. On Friday and Saturday, AB sponsored extensive poster sessions on Marine Mammal Acoustics, and Avian Acoustics.

In Salt Lake City, Animal Bioacoustics sponsored two, well-attended special sessions. "Paleohearing" (cochaired by Richard Fay and John Rosowski) brought together those interested in estimating hearing capabilities in extinct species based on structures of living animals and the fossil record for a very exciting session. One highlight was the talk by Robert Dooling, Otto Gleich, and Geoffrey Manley estimating the hearing capabilities of dinosaurs from extant and fossil archosaurs. This presentation attracted significant media attention, with an article in the Baltimore Sun, and by Discovery.com. Our second special session, "Seismic Communication in Animals" (cochaired by Peggy Hill, and Caitlin O'Connell-Rodwell) attracted the attention of National Public Radio, which produced a feature based on the session.

At the Salt Lake City meeting, one of our young members, Dorian S. Houser, received the R. Bruce Lindsay Award as a significant contributor to the Society and to Acoustics by someone under the age of 35. Dorian has contributed new methods and data on marine mammal bioacoustics.

At the meeting of the Technical Committee, we received a planning update on the Second International Conference on Acoustic Communication by Animals by David Mellinger, who is the Chair of the Organizing Committee for the meeting. The planning for this meeting is well under way and it promises to be as successful as the previous meeting in College Park, Maryland. The conference will take place in Corvallis, Oregon on August 12-15, 2008 and will cover all aspects of animal acoustic communication, from cognition to communication in noisy environments. Peter Marler (avian communication) and Peter Tyack (whale communication) are on board as plenary speakers.

With Michel André of Barcelona, we have planned for at least eight structured sessions for the Paris meeting of the Acoustical Society of America, covering the field of animal bioacoustics.

Thank you to all the Animal Bioacoustics member volunteers who have contributed to the AB Technical Committee and its successes. Our programs and successes absolutely depend on this sort of volunteer effort. Special thanks go to Whit Au for his critical attention and interest in our TC, and to David Mellinger for his significant work organizing the Corvallis meeting on animal communication, and for keeping our web site current. Thanks also to Andrea Simmons (membership), Jim Simmons (medals and awards), Ann Bowles (ASACOS), Alison Stimpert (student representative), and to Gary Rose (TPOM rep for Salt Lake City).

RICHARD R. FAY

Chair

## Architectural Acoustics

The Technical Committee on Architectural Acoustics (TCAA) had a very successful year in 2006-07. At the Fall 2006 meeting in Honolulu, held jointly with the Acoustical Society of Japan, TCAA special sessions and their organizers included "Acoustic Design for Green Buildings" (Ken Roy, Tetsuya Sakuma), "Acoustics of Large Indoor and Outdoor Performance Spaces" (Daniel Raichel, Toshiaki Hanyu), "Computer Modeling of Room Acoustics" (Lily Wang, Shin-ichi Sakamoto), "Special Session in Honor of Manfred Schroeder on the Occasion of His 80th Birthday" (Ning Xiang, Juergen Schroeter, Akira Omoto), "Psychological Aspects of Sound Environment in Rooms" (John Bradley, Hiroshi Sato), "Recent Development in Acoustical Materials and Structures" (Brandon Tinianov, Kirill Horoshenkov, Kimihiro Sakagami), and "Measurement of Room Acoustics" (Boaz Rafaely, Fumiaki Satoh). David Adams served as the TCAA representative to the Technical Program Organizing Meeting for this conference.

At the Spring 2007 meeting in Salt Lake City, TCAA special sessions and their organizers included "Advancements in Speech Privacy" (Kenneth Good, Jr.), "Effects of Rooms on the Sound of Organs" (Bruce Olson), "In Situ Measurements of Absorption Coefficients (Peter D'Antonio, Christian Nocke), and "Troubleshooting in Room Acoustics" (Robin Glosemeyer-Petrone). In addition, a workshop covering the logistics on making a TCAA

presentation to architects in which participants would receive continuing education credits from the American Institute of Architects was chaired by Tony Hoover and Bennett Brooks. Other special highlights included the Vern Knudsen Distinguished Lecture given by Emily Thompson, recipient of a 2005 MacArthur Fellowship, and tours of various performing arts facilities in the Salt Lake City area, organized by Tim Leishman. Bruce Olson served as TCAA representative to the Technical Program Organizing Meeting for this conference.

Many of TCAA's subcommittees were active this year. The *Newman Student Award Fund* awarded 11 medals in 2006 to students who excelled in their study of architectural acoustics. Also, two Schultz Grants were awarded in 2007 to Stephen Dance (London South Bank University) and Ralph Muehleisen (Illinois Institute of Technology), supporting their proposals to develop new educational materials on architectural acoustics. More information may be found on the website at [www.newmanfund.org](http://www.newmanfund.org). The *Student Design Competition* at the Salt Lake City meeting received 20 entries this year; many thanks to Bob Coffeen and Byron Harrison for their organizational efforts and to the Wenger Foundation and Newman Student Award Fund for their sponsorship. First honors in the competition was awarded to Andrew Miller, Megan Hunziker, and Matt Pauley from the University of Kansas.

The *Third Concert Hall Research Group Summer Institute* was held in Aspen, Colorado in August 2006, organized by Bill Dohn. Nearly 60 professional attendees and 13 students participated in a variety of interesting sessions and wonderful concerts at the Aspen Music Festival (see the April issue of *Acoustics Today*, pp. 55-56, for a report on the Institute).

Achieving good classroom acoustics continues to be an important topic that TCAA members are strongly advocating. The National Research Council has endorsed the American National Standards Institute (ANSI) standard S12.60-2002 on "Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools" for adoption into proposed green schools. Also the US Green Building Council has drafted a standard for LEED (Leadership in Energy and Environmental Design) school projects; many of our TCAA members have provided input on this document. We are very grateful to David Lubman and Lou Sutherland for their ongoing leadership efforts in this area.

The joint subcommittee with the Technical Committee on Noise concerning *Speech Privacy*, chaired by Greg Tocci and David Sykes, has been very active. They prepared the document "Draft Interim Sound and Vibration Design Guidelines for Hospitals and Healthcare Facilities" for the American Institute of Architects (AIA) and American Hospital Association (AHA), which is now undergoing further review. Also, members of the subcommittee influenced the "Green Guide for Health Care," which is a joint project of the Center for Maximum Potential Building Systems and Health Care Without Harm, so that the new edition of the guide (version 2.2) includes two points for acoustics. The subcommittee is also participating in ANSI working group S12 WG44 to draft measurement and performance standards regarding speech privacy. More information about this subcommittee's activities may be found on the website: [www.speechprivacy.org](http://www.speechprivacy.org).

Our newest subcommittee on *Green Building Acoustics* is ramping up its activities under the leadership of Ralph Muehleisen. This group can be found at the webpage: <http://groups.google.com/group/asa-gba>.

Work continues on two publications, based on posters presented at ASA meetings. Greg Miller and Robin Glosemeyer Petrone are editing the publication, "Another Two Decades of Drama Theaters," based on posters presented at the Spring 2004 meeting in New York City. Adam Foxwell and Rosemary Su are compiling the publication, "Another Two Decades of Worship Spaces," based on posters presented at the Spring 2006 meeting in Providence.

This year the TCAA again offered Best Student Paper Awards. Due to the large number of submissions, four awards were presented for papers given at the Honolulu meeting: First prize went to Jonathan Rathsam (University of Nebraska), while three commendation awards were given to Hisaharu Suzuki (Kyushu University), Michelle Vigeant (University of Nebraska), and Genta Yamauchi (Kyushu University). Two winners were selected for papers given at the Salt Lake City meeting: Michelle Vigeant from the University of Nebraska (first prize) and Yun Jing from Rensselaer Polytechnic Institute (second prize).

Congratulations to TCAA members who became ASA Fellows this year. New Fellows include Sergio Beristain, David Conant, Damian Doria, John Eargle, Anders Christian Gade, Lily M. Wang, and Michael Vorländer.

TCAA was especially proud that the 2006 ASA Wallace Clement Sabine Award was presented to William J. Cavanaugh for contributions to the practical application of architectural acoustics in building design and to education in architectural acoustics.

Many thanks to the following individuals for their hard work this past year in ASA on behalf of TCAA. Red Wetherill is our representative on the Medals and Awards Committee. Greg Tocci serves on the Membership Committee, and George Winzer is TCAA representative to the ASA Committee on Standards. Michelle Vigeant from the University of Nebraska served as our Student Council representative. The Associate Editors in Architectural Acoustics are Mendel Kleiner and Ning Xiang for *JASA*, Ning Xiang for *JASA-Express Letters*. Tony Hoover serves on the Editorial Board for *Acoustics Today*. Finally, thanks to Brandon Tinianov for his service as TCAA Secretary, and best wishes to him as he begins his 2007–2010 term as TCAA chair.

I have enjoyed serving as TCAA chair over the past three years, and am pleased that our technical committee continues to thrive and be energetic. I look forward to continuing my participation in this vibrant community over the years to come!

LILY M. WANG

*Chair 2004–2007*

### Biomedical Ultrasound/Bioresponse to Vibration

Lawrence Crum kicked off the Honolulu meeting with a plenary talk entitled “Therapeutic Ultrasound.” Special sessions (and organizers) at the Honolulu meeting included: “Topical Meeting on Shock Wave Therapy” (Robin Cleveland, S.H.R. Hosseini), “Acoustic Tomography in Tissue” (Jeffrey Ketterling, Iwaki Akiyama), “Interaction of Cavitation Bubbles with Cells and Tissue” (John Allen, Yoshiki Yamakoshi), “Celebration of Floyd Dunn” (William O’Brien, Junichi Kushibiki, Michael Oelze, Shin-ichiro Umemura), “Ultrasound Enhancement of Drug Activity” (Constantin Coussios, Shin-ichiro Umemura), “Elastic Imaging” (Peter Kaczkowski, Tsuyoshi Shiina), and “Biomedical Imaging and Microscopy” (Suk Wang Yoon, Yoshifumi Saijo). Contributed sessions (and chairs) included: “Ultrasound Contrast Agents” (Charles Church) and “Medical Ultrasound” (Yuri Pishchalnikov, Yoshiaki Watanabe). John Allen was the TPOM representative who was able to schedule all these sessions. ASJ TC Chair Iwaki Akiyama coordinated having an ASA and an ASJ co-chair for each session.

Special sessions (and organizers) at the Salt Lake meeting included: “Coded Signals and Compression” (Jonathan Mamou, Michael Oelze), “Biomedical Applications of Acoustic Radiation Force” (Mostafa Fatemi), and “Modeling Acoustic Cavitation *In Vivo*” (Sheryl Gracewski, Diane Dalecki). The contributed sessions were “Therapeutic Ultrasound and Bioeffect” (John Allen), “Imaging and Detection Theory” (Bruno Durning), and “Tissue Scattering and Imaging” (Carr Everbach). Michael Bailey was the TPOM representative.

Several members of the BBTC received awards and recognition. James McAteer, Michael Bailey, Paul Barbone, and T. Douglas Mast were named Fellows of the ASA. The R. Bruce Lindsay Award recipient, Dorian Houser, has worked with several in the BBTC on sonar interaction with marine mammals. Edwin Carstensen was awarded the Helmholtz-Rayleigh Interdisciplinary Silver Medal in Biomedical Ultrasound/Bioresponse to Vibration and Physical Acoustics. The citation reads succinctly, “...for contributions to the physics of biomedical ultrasound.” Newly elected ASA President Mark Hamilton is a significant contributor to the BBTC in addition to other technical committees. Student award winners were Matthew Urban of the Mayo Clinic College of Medicine (first) for “Harmonic motion detection in a vibrating scattering medium” and Jose Sanchez of the University of Illinois at Urbana-Champaign (second) for “An ultrasonic imaging speckle suppression technique by means of frequency compounding and coded excitation.”

Several people should be acknowledged for their work for the BBTC. Shira Broschat continues to maintain the BBTC website (<http://moab.eecs.wsu.edu/shira/asa/bubv.html>). Lawrence Crum is the representative to the Medals and Awards Committee, and Carr Everbach is the representative to the Membership Committee and ASACOS. Anthony Brammer and Peter Kaczkowski ably substituted on the Membership Committee and ASACOS in Honolulu. Paul Barbone is the ASA representative to the Biomedical Imaging Research Opportunities Workshop (BIROW). Michael Canney of the University of Washington will complete his term as the BBTC represen-

tative to the ASA Student Council and become the Chair of the Student Council. In addition, thank you to those who have volunteered their time and effort to the BBTC and are not listed.

Over a dozen special sessions are already scheduled between the next two meetings. The ASA, primarily through the BBTC and the PATC, is co-sponsoring the 18th International Symposium on Nonlinear Acoustics in Stockholm almost immediately following the Paris 2008 meeting. We will be electing a new Student Council representative and TC chair this year, so please submit nominations.

MICHAEL R. BAILEY

*Chair*

### Engineering Acoustics

The Engineering Acoustics Technical Committee (EATC) met at two meetings of the Society—in Honolulu, Hawaii, and in Salt Lake City, Utah — over the past year.

Dennis Jones, who was elected Chair to the committee prior to the Providence, Rhode Island, meeting, has stepped down from the Chairmanship for personal reasons. Daniel Warren, runner-up in that election, has taken over the Chairmanship for the remainder of the term. The committee thanks Dennis for his service, and wishes him well. Steve Thompson sat as acting chair in the interim, including the Honolulu meeting.

The Committee sponsored a student paper competition in Honolulu which yielded a tie between Junfeng Li, for “A new speech enhancement method for two-input two-output hearing aids,” and Marie Nakazawa, for “Multilayered high-performance transducer using polyurethane (sic) thin films.” Both papers were excellently prepared and presented.

At the Salt Lake meeting, the EATC sponsored four sessions, including one special session co-sponsored by Underwater Acoustics and Signal Processing, organized by Roger Richards, “Acoustic Technologies for Coastal Surveillance and Harbor Defense,” and co-sponsored another two sessions. Thank you to Jim Powers for organizing the papers and securing the meeting spaces at the Technical Program Organizing Meeting.

The Best Student Paper recipients from the Salt Lake meeting are first prize to Brian Anderson for “Grating lobe reduction in transducer arrays through structural filtering of supercritical plates” and second prize to Brian Borowski for “Estimation of passive acoustic threat detection distances in estuarine environments.” Congratulations to both for a job well done.

After six years of service, Mahlon Burkhard has decided not to renew his seat on the Medals and Awards committee, and will be replaced by Kim Benjamin. Thank you from the committee to Mahlon and Kim.

DANIEL M. WARREN

*Chair*

### Noise

The Fall 2006 meeting of the ASA in Honolulu, Hawaii was a special occasion for the Technical Committee on Noise: It was the ASA/ASJ 4th Joint Meeting and it was followed by Internoise. It was again a time to showcase widespread aspects of noise. TC-Noise took the lead with ten special sessions: “Progress in Hearing Protection and Hearing Conservation I and II” (Elliott Berger and Hiroaki Takinami); “Active Noise Control” (Yukio Iwaya); “Noise, Architectural Acoustics, and Speech Communication: Acoustical Design Factors in Spaces where Speech Communication is Critical” (Todd R. Beiler); “Soundscape and Cultural Perception I and II” (Brigitte Schulte-Fortkamp, Bennett Brooks); “Acoustics of Sports” (Joe Pope and Kenji Kurakata); “Prediction and Propagation of Outdoor Noise I and II” (Keith Wilson and Kohei Yamamoto); and “Consumer Product Noise” (Matt Nobile and Takeshi Toi). Kerrie Standlee and Tim Noonan were the Noise representatives at the Technical Program Organizing Meeting.

The Noise Young Presenter award went to Miwako Ueda, Japan for her talk, “A questionnaire survey of the attitude of Japanese and foreign residents in Japan to sound masking devices for toilets.” New Fellows of the ASA who were announced at the meeting were Marehalli G. Prasad, Joos Vos, and Sergio Beristain. Alan H. Marsh was presented with the ASA Silver Medal in Noise and William Cavanaugh with the Wallace Clement Sabine Award.

The Spring 2007 Salt Lake City ASA meeting was again an exciting array of special sessions in Noise. TC Noise was lead organizer for “Engi-



neering Noise Controls for the Mining Industry” (Mike Hankard and John Seiler); “Standardization for Soundscape Techniques I and II” (Bennett Brooks and Brigitte Schulte-Fortkamp) *Workshop session*: “Aircraft Noise and General Topics in Noise” (J. Micah Downing, Kent L. Gee); “Environmental Noise in National Parks” (Nancy Timmerman); “Recent Advances in Active Noise Control” (Scott Sommerfeldt, Ken Cunefare); “Advancements in Speech Privacy” (Kenneth W. Good) and Hot Topics in Noise with Special Focus on Classroom Acoustics, Noise in Hospitals, and Soundscapes” (Brigitte Schulte-Fortkamp). Connor Duke was the Noise representative at the Technical Program Organizing Meeting.

The contributions of several Noise people were also recognized at this meeting. For the Salt Lake City meeting, we had a winner of the Noise Young Presenter award: Ben Shafer for his talk: “Determination of optimal near field error sensor locations for active control of cooling fan noise using spherical harmonic expansions.” We have a new Fellow of the ASA, Damian Doria.

The efforts of several volunteers should be recognized. Mike Stinson has been elected as new Member of the Executive Council and Bennett Brooks as Chairman of working group adopted ANSI 1255. Nancy Timmerman is our Noise representative on the Medals and 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. Cole Duke has replaced Connor Duke as the new TC Noise Student Council representative.

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. He would like to pass this position on to someone else. Serving as Associate Editor for *JASA Express Letters* is Mike Stinson and *JASA* Associate Editors are: Keith Attenborough, Kenneth Cunefare, Vladimir Ostashev, and Brigitte Schulte-Fortkamp.

My term as Chair of TC-Noise started after the Providence meeting. It is truly an honor and a privilege for me to chair the Technical Committee Noise following Mike Stinson, our chair from 2003 to 2006, who has provided the committee with excellent leadership. It is my hope to move forward with good leadership and with new initiatives in the challenging area of Noise.

BRIGITTE SCHULTE-FORTKAMP  
*Chair*

### Psychological and Physiological Acoustics

Although P&P policy is to de-emphasize fall meetings, the fall 2006 meeting in Hawaii was a clear exception. This was due not only to the popular location, but also due to the fact that it was the Fourth Joint Meeting with the Acoustical Society of Japan. We thank Bill Yost for organizing the sessions for this meeting. There were seven sessions sponsored by P&P, one of which was co-sponsored by Music, and another of which was co-sponsored by ASACOS. In addition, P&P co-sponsored six sessions. We thank the organizers of the three special sessions: Rhona Hellman (“New Insights on Loudness and Hearing Thresholds”), Valter Ciocca (“Auditory Grammar”), and Diana Deutsch (“Perception of Music and Speech: Evidence for Modularity and for Common Processing Mechanisms”). The TC chair did not attend the meeting, and acknowledges Bill Yost and Donna Neff for taking care of administrative duties.

P&P joined the Society in celebrating the award of the Silver Medal in Psychological and Physiological Acoustics to Bill Yost. He joins an elite group of eight previous medalists. We look forward to his continuing contributions to the field of psychological acoustics.

The spring meeting in Salt Lake City was a busy one. There were seven sessions sponsored by P&P. Of these, two were special sessions. We extend our thanks to the organizers of the special sessions: Chris Plack and Deb Hall (“The Neural Coding of Pitch: Insights from Psychophysics, Neurophysiology, and Brain Imaging”) and Valeriy Shafiro and Brian Gygi (“Topics and Methods in Environmental Sound Research”). We thank Don Sinex for accomplishing the challenge of organizing the P&P sessions for the Salt Lake City meeting.

The P&P open meeting was lively. The student council representative, Suzy Carr, showed great resourcefulness in sending her report via Don Sinex when she was unexpectedly unable to attend the meeting. Bill Hart-

mann and Bill Yost gave an overview of the Paris meeting, Acoustics08, coming up in the summer of 2008. The TC members were concerned about the large number of special sessions. Bill Yost informed the TC about a proposal for a new online publication series for conference proceedings. The TC was largely opposed to this idea, citing concern about putting the ASA stamp of approval on something that is not peer-reviewed. The P&P Associate Editors provided an overview of their efforts. We thank the continuing P&P Associate Editors, Rich Freyman, Ruth Litovsky, Brenda L. Lonsbury-Martin, and William P. Shofner and outgoing AEs John Grose, Bob Lutfi, and Andrew Oxenham for their able service. And we welcome John Middlebrooks, Brian C. J. Moore, and Magda Wojtczak as incoming AEs. 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. We express our thanks to Hedwig Gockel and Jennifer Lentz for organizing the ballot for election to the Technical Committee, and 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 Huanping Dai, Christian Lorenzi, Christophe Micheyl, Roy Patterson, Daniel Pressnitzer, and Brian Roberts. We thank our outgoing members, David Eddins, Lawrence Feth, Hedwig Gockel, Jennifer Lentz, and Mario Ruggero.

We also thank Bill Hartmann, our representative to the Medals and Awards Committee, Lynne Werner, our representative to the Membership Committee, and Brent Edwards, our representative to ASACOS. We also appreciate the efforts of our members of the executive council, Bill Yost, Donna Neff, Judy Dubno, and Peggy Nelson.

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](mailto:estrick@purdue.edu)).  
ELIZABETH A. STRICKLAND  
*Chair*

### Signal Processing in Acoustics

The Signal Processing Technical Committee (SPTC) has been very active during the period of this report. We organized six sessions and co-sponsored another five for the Fourth Joint Meeting of the ASA and the Acoustical Society of Japan in Honolulu in November 2006. We also organized five sessions and cosponsored another five for the 153rd ASA meeting in Salt Lake City in June 2007. We sponsored a competition for best paper by a young presenter for both meetings, the Gallery of Acoustics competition in Salt Lake City, and a student challenge problem. We also cosponsored a workshop in Cambridge, England on Nonlinear Statistical Signal Processing, organized by Jim Candy, that included plenary sessions by R. E. Kalman, N. Gordon, and J. S. Liu.

At the Honolulu meeting, special sessions were organized on “Blind Signal Processing” (Leon Sibul and Shoji Makino), “Spatial Sound Processing, Control, and Performance Evaluation” (William Martens and Kazuhiro Iida), “Sensor Array and its Applications” (Henry Cox and Masato Miyoshi), and “Adaptive Signal Processing” (Juan Arvelo and Kensaku Fujii). The Best Paper by a Young Presenter Award was given to James Gregory for his presentation “Pressure-sensitive paint as a distributed microphone array.” We wish to thank John Burgess for helping put together the SP sessions during the Technical Program Organizing Meeting (TPOM).

For the Salt Lake City meeting, Max Deffenbaugh and Alan Meyer organized a special session on “Topics in Seismic Signal Processing.” This is part of an ongoing effort to increase interaction between acousticians and the seismic exploration community. Another special session on “Signal Processing and Uncertainty” was organized by Lee Culver and Ning Xiang. This proved to be a very popular session with 13 invited speakers on topics ranging from Bayesian techniques, passive sonar, estimation of parameter distributions, polynomial chaos expansions, and source localization. The Best Paper by a Young Presenter Award was split between Georges Dossot, for his paper “Acoustic measurements in shallow water using and ocean glider,” and Daniel Mennitt, for his paper “Coarse classification of acoustic signals using temporal and spectral characteristics.” We also wish to thank Sean Lehman and Karl Fisher for representing SP at the Salt Lake City TPOM.

The Gallery of Acoustics, organized by Sean Lehman, was held at the Salt Lake City meeting. This is a competition for the best audio-visual presentation of work in acoustics. We had three entries: "A Technical Look at Swing Rhythm in Music" by Ken Lindsay and Pete Nordquist, "Acoustic Demonstrations of Vowel Production Using Vocal-tract Models" by Takayuki Arai, and "Sound Propagation through Atmospheric Turbulence: Visualizations from High-resolution Simulations" by D. Keith Wilson, Edgar Andreas, and Matthew Lewis. All three showed creative uses of both animation and audio to present their work. Meeting attendees were asked to vote on each entry. The winner of the \$500 first prize went to Takayuki Arai.

Each year Signal Processing sponsors a Student Challenge problem that can be found in the SP section of the ASA web site. This year's problem asked the student to estimate the speed, altitude, and propeller blade rate of an aircraft from the sound recorded on the ground. Paul Gendron organized the contest and judging. Out of several entries, the top two entries split the \$1000 prize. One entry was submitted by the team of M. Farrookhrooz and S. Mousazadeh, both students at University of Texas at Dallas. The other was submitted by Jonathan Galbraith from Fairbanks, Alaska.

We wish to thank our Associate Editors of the *Journal of the Acoustical Society of America*, Edmund J. Sullivan and William Carey, and James V. Candy, our Associate Editor for *JASA Express Letters*, for their selfless service to the Society and SP.

As the new chairman I would like to thank all the SPTC members who organize sessions, run competitions, and serve in many ways to promote the discipline of signal processing in acoustics. I also wish to thank the previous chair, Charles Gaumond, for his advice and assistance in making the transition into this new role.

DAVID H. CHAMBERS  
*Chair*

### Speech Communication

The Speech Technical Committee (TC) supports the activities, meetings, publications, etc., for the largest technical area in the Society. This report covers the meetings in Honolulu, Hawaii and Salt Lake City, Utah. The current members of the Committee are Augustine Agwuele, Jean Andruski, Norma Barroso, Fredericka Bell-Berti, Tessa Bent, Lynne Bernstein, Ocke-Schwen Bohn, Suzanne E. Boyce, Ann Bradlow, Dani Byrd, Roger Chan, Alexander Francis, Bruce Gerratt, Kenneth Grant, Helen Hanson, Paul Iverson, Diane Kewley-Port, Jody E. Kreiman, Anders Lofqvist, Benjamin Munson, Shrikanth Narayanan, Terrence Nearey, Peggy Nelson, Douglas O'Shaughnessy, Joseph Perkell, Astrid Schmidt-Nielsen, Christine Shadle, Rahul Shrivastav, Brad Story, and Gary G. Weismer. Other STC members who assisted us by serving on committees were Abeer Alwan (Membership Committee), Shrikanth Narayanan (ASACOS), Fredericka Bell-Berti (Medals and Awards Committee), and Jennell Vick (Student Representative). Brad Story maintains our web page. The continuing Associate Editors are: Speech Production—Anders Lofqvist, Christine Shadle, and Brad Story; Speech Perception—Ann Bradlow, Kenneth Grant, Paul Iverson, Mitch Sommers, and Joan Sussman; Speech Processing—Douglas O'Shaughnessy. New appointments as of June 2007 include: Jody Kreiman as representative to the Membership Committee; and Rochelle Newman and Allard Jongman as Associate Editors in Speech Perception.

The two ASA meetings went very smoothly this year because of the particular efforts of several members: First, we are grateful to our Technical Program Organizing Meeting (TPOM) representatives, who sorted papers, arranged the technical programs, and determined presentation rooms. They were: Victoria Anderson and Amy Shafer in Hawaii and Bruce Smith in Salt Lake City. Second, we greatly appreciate the effort of the coordinators for student judging at the meetings: Carol Espy-Wilson in Hawaii and Terrance Nearey in Salt Lake City. We also are very happy to welcome Jody Kreiman as a new fellow of the ASA in the Speech Communication TC.

### Student Activities

In our continuing effort to promote student participation in ASA meetings, the Speech Technical Committee sponsored two student activities at each meeting, a competition with a cash award for best student presentation and an evening reception. The evening reception, which is joint with other technical committees, is intended to allow students to meet more senior ASA members informally. The receptions were well attended. The student papers were judged by STC members and the winners were awarded \$300

for first prize and \$200 for second prize. At the Rhode Island meeting the first place winner was Joseph Toscano, University of Iowa, for his poster entitled "A lexical locus for the integration of asynchronous cues to voicing: An investigation with natural stimuli." The second place winner was Harsha Sathyendra, University of Florida, for "Noise robust bandwidth extension of telephone speech for mobile and landline communications." In Hawaii, we awarded first and second place prizes to student members of both the ASA and the Acoustical Society of Japan (ASJ). The first place winner of the ASA was Maria Kondaurova of Purdue University for her poster entitled "Russian and Spanish listeners perception of the English tense/lax vowel contrast." The second place ASA winner was Eric Oglesbee of Indiana University for his poster entitled "Finding perceptual categories in multi-dimensional acoustic spaces." The first place winner of the ASJ was Tatsuya Akagawa of the Tokyo Institute of Technology for his poster entitled "Toward hidden Markov model-based spontaneous speech synthesis." The second place ASJ winner was Ito Masashi of Tohoku University for his poster entitled "Pitch determination and sinusoidal modeling for time-varying voiced speech."

### Special Sessions, Special Talks, And Workshops

To create stimulating and focused sessions we sponsor special sessions every year, which focus on themes of interest to the speech community. In Honolulu special sessions addressed "Communicative Speech Synthesis and Spoken Dialogue," cochaired by Alan Black and Yoshinori Sagisaka, and "Speech Timing and Pronunciation Training for the Japanese Language," cochaired by Robert Port and Yukari Hirata. In Salt Lake City, "Frontiers of Spectrum Analysis, with Speech Applications" was chaired by Sean Fulop. Finally, this is my last report as Speech TC chair. I thank STC members for their support and cooperation in the work we do for the society. I also thank the Technical Council for being such an agreeable group to work with. My successor is Carol Espy-Wilson from the University of Maryland.

MAUREEN L. STONE  
*Chair 2004–2007*

### Underwater Acoustics

The Hawaii meeting in December 2006 was a great success for the Underwater Acoustics Technical Committee (UWTC), with 12 sessions spread over five days, including special sessions organized by Eric Thorsos and Masao Kimura on Sediment Acoustic Processes, a memorial session in Honor of Leonid Brekhovskikh chaired by Bill Kuperman and Oleg Godin, and a memorial session in honor of Frederick Fisher, also chaired by Bill Kuperman. Many thanks to our Hawaii TPOM representative Martin Siderius for organizing all the sessions together with the special and memorial session organizers. The best student papers in underwater acoustics were "Higher frequency matched field processing" by Claire Debever of Scripps Institute of Oceanography and "Adapting results in filtering theory to inverse theory, to address the statistics of non-linear geoacoustic inversion problems" by Andy Ganse of the University of Washington. New fellows named at the Hawaii meeting with primary or secondary interest in underwater acoustics included Philippe Blanc-Benon, Charles Holland, Kevin LePage, David Palmer, Peter Rona, and Mark Trevorrow. Also announced at the meeting was Aaron Thode's receipt of the 2005 A.B. Wood medal from the Institute of Acoustics. Congratulations to all.

After the Hawaii meeting Kathleen Wage, our student paper awards organizer, stepped down after several years of exemplary service to the TC. Juan Arvelo agreed to take up Kathleen's work for the next few years, starting with the Salt Lake meeting. I would like to thank Kathleen and Juan on behalf of the UWTC for agreeing to do this important work.

Also the Hawaii meeting was the last meeting at which Joseph Zalesak represented our TC on the ASA Committee on Standards (ASACOS). On behalf of the TC I would like to thank Joseph for his service.

The Hawaii meeting was followed by the Salt Lake City meeting in the Spring of 2007, with Tracianne Neilsen doing a yeoman's job at the TPOM meeting, with some timely assistance from George Ioup. There were ten sessions either sponsored or cosponsored by the UWTC, including an AO-sponsored Hank Medwin memorial session chaired by Vance Holliday and David Farmer that was very well attended, and a UW-sponsored special session on Passive Imaging using Random Wavefields chaired by Karim Sabra and Martin Siderius. New fellows named at the meeting included Karim and Claire Prada. Results are also just in on the student paper award

winners. I would like to announce that the winner is Philip Gillett of Virginia Tech with his talk "Advantages of using diffracting cylinders and spheres in acoustic arrays," and the runner up is Claire Debever with "Coherent-broadband, white noise constraint, matched-field processing." Congratulations!  
KEVIN D. LE PAGE

Chair

## 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.

### 2007

- 5–8 Oct. 123rd Audio Engineering Society Convention, New York, NY [Audio Engineering Society, 60 E. 42 St., Rm. 2520, New York, NY 10165-2520; Tel: 212-661-8528; Fax: 212-682-0477; Web: [www.aes.org](http://www.aes.org)]
- 22–24 Oct. NOISE-CON 2007, Reno, NV [Institute of Noise Control Engineering, INCE Business Office, 210 Marston Hall, Ames, IA 50011-2153; Tel.: 515-294-6142; Fax: 515-294-3528; E-mail: [ibo@inceusa.org](mailto:ibo@inceusa.org)]
- 27 Nov.–2 Dec. 154th Meeting of the Acoustical Society of America, New Orleans, LA (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](mailto:asa@aip.org); www: <http://asa.aip.org>].

### 2008

- 29 June–4 July Acoustics08, Joint Meeting of the Acoustical Society of America (ASA), European Acoustical Association (EAA), and the Acoustical Society of France (SFA), Paris, France [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](mailto:asa@aip.org); www: <http://asa.aip.org/meetings.html>].
- 27–30 July NOISE-CON 2008, Dearborn, MI [Institute of Noise Control Engineering, INCE Business Office, 210 Marston Hall, Ames, IA 50011-2153; Tel.: 515-294-6142; Fax: 515-294-3528; E-mail: [ibo@inceusa.org](mailto:ibo@inceusa.org)]
- 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; E-mail: [icben2008@att.net](mailto:icben2008@att.net); Web: [www.icben.org](http://www.icben.org)].

## 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).

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**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  
Randall W. Smith  
Kyriakos Tsiappoutas  
James E. West  
George S. K. Wong  
Ning Xiang

Ex officio:

William J. Carey, 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***

Carol Espy-Wilson, Chair to 2010

**Term to 2010**

Augustine Agwuele  
Patrice S. Beddor  
Tessa C. Bent  
Helen M. Hanson  
Diane Kewley-Port  
Jody E. Kreiman  
Andrew J. Lotto  
Shrikanth S. Narayanan  
Dwayne Paschall  
Christine H. Shadle  
Rahul Shrivastav

**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**

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

Ex officio:

Fredericka Bell-Berti, member of Medals and Awards Committee  
Jody Kreiman, 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 2010**

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

**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. Viperman

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 2010**

Kyle M. Becker  
David C. Calvo  
Jee Woong Choi  
Christian P. de Moustier  
Stan E. Dosso  
Steven I. Finette  
Kenneth G. Foote  
David Fromm  
Christopher H. Harrison  
Zoi-Heleni Michalopoulou  
Tracianne B. Neilsen  
Robert I. Odom  
Marshall H. Orr  
Gregory J. Orris  
James C. Preisig  
Martin Siderius  
William L. Siegmann  
Jixun Zhou

**Term to 2009**

Ralph N. Baer  
John R. Buck  
Chi-Fang Chen  
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 Gerstoff  
John H. Glattetre  
Brian T. Hefner  
Jean-Pierre Hermant  
Charles W. Holland  
John C. Osler  
Kevin B. Smith  
Brian J. Sperry  
Christopher T. Tindle  
Alexandra I. Tolstoy

Ex officio:

Henrik Schmidt, member of Membership Committee  
Eric I. Thorsos, member of Medals and Awards Committee  
Robert M. Drake, member of ASACOS  
Andrew Ganse, member of Student Council

**Administrative Committees 2007-2008**

**Archives and History**

Julian D. Maynard, Chair to 2010

**Term to 2010**

Henry E. Bass  
Carol Y. Espy-Wilson  
E. Carr Everbach  
William W. Lang  
Richard Stern  
David C. Swanson

**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

**Audit**

Diane Kewley-Port, Chair to 2008

**Term to 2009**

Wayne M. Wright

**Term to 2010**

Michael R. Stinson



**Books<sup>+</sup>**

David L. Bradley, Chair to 2008

**Term to 2010**

Richard Stern  
Brandon D. Tinianov

**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

Allan D. Pierce, Editor-in-Chief, ex officio

**College of Fellows Steering**

Janet M. Weisenberger, Chair to 2010

**Term to 2007**

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

**Term to 2009**

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

**Term to 2008**

Stanley L. Ehrlich  
E. Carr Everbach

William J. Cavanaugh, ex officio as past Chair

Richard H. Lyon, ex officio as past Chair

**Education in Acoustics**

James M. Sabatier, Chair to 2009

**Term to 2007**

Henry E. Bass  
George A. Bissinger  
David A. Brown  
Stanley A. Cheyne  
Robert D. Collier  
Lawrence A. Crum  
Corinne M. Darvennes  
Bruce C. Denardo  
Margaritis S. Fourakis  
Carl K. Frederickson  
Carole E. Gelfer  
R. Glynn Holt  
Daniel O. Ludwigsen  
Sharon Y. Manuel  
Philip L. Marston  
Ralph T. Muehleisen  
Andrew A. Piacsek  
Thomas D. Rossing  
Ronald A. Roy  
Dawn R. Schuette  
Scott D. Sommerfeldt  
William Thompson, Jr.

Robert A. Walkling  
George S. K. Wong

**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  
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

**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**

David T. Blackstock, Chair to 2010

**Term to 2010**

Malcolm J. Crocker  
Samir N. Y. Gerges  
Konstantin A. Naugolnykh  
Michael Vorländer

**Term to 2009**

Gilles A. Daigle  
Lily M. Wang  
Suk Wang Yoon

**Term to 2008**

Sergio Beristain  
 William M. Hartmann  
 Vera A. Khokhlova  
 Brigitte Schulte-Fortkamp

**Investments**

William A. Yost, Chair to 2010

**Term to 2009**

Ilene J. Busch-Vishniac

**Term to 2008**

Lawrence A. Crum  
 Richard H. Lyon  
 David Feit, Treasurer, ex officio

**Medals and Awards**

David L. Bradley, Chair to 2008

**Term to 2010**

Fredericka Bell-Berti	Speech Communication
Kim C. Benjamin	Engineering Acoustics
William M. Carey	Signal Processing in Acoustics
Uwe J. Hansen	Musical Acoustics
Peter F. Worcester	Acoustical Oceanography

**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

**Meetings—June 2007–November 2007**

Clark S. Penrod, Chair to 2008  
 Whitlow W. L. Au, Fall 2006, Honolulu  
 Fred C. DeMetz, Fall 2007, New Orleans  
 George A. Frisk, Vice President  
 James H. Miller, Spring 2006, Providence  
 Elaine Moran, ASA Office Manager, ex officio  
 Charles E. Schmid, Executive Director, ex officio  
 Scott D. Sommerfeldt, Spring 2007, Salt Lake City  
 Victor W. Sparrow, Vice President-Elect  
 William A. Yost, Spring 2008, Paris  
 vacant, Fall 2008

**November 2007–July 2008**

Clark S. Penrod, Chair to 2008  
 Whitlow W. L. Au, Fall 2006, Honolulu  
 Fred C. DeMetz, Fall 2007, New Orleans  
 George V. Frisk, Vice President  
 Elaine Moran, ASA Office Manager, ex officio  
 Charles E. Schmid, Executive Director, ex officio

Scott D. Sommerfeldt, Spring 2007, Salt Lake City  
 Victor W. Sparrow, Vice President-Elect  
 William A. Yost, Spring 2008, Paris  
 vacant, Fall 2008  
 Lisa Zurk, Spring 2009

**Membership**

Peter H. Rogers, Chair to 2009

**Term to 2010**

Kenneth G. Foote	Acoustical Oceanography
Ronald R. Freiheit	Architectural Acoustics
Steven L. Garrett	Physical Acoustics
David I. Havelock	Signal Processing in Acoustics
Henrik Schmidt	Underwater Acoustics

**Term to 2009**

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

**Term to 2008**

Courtney B. Burroughs	Structural Acoustics and Vibration
E. Carr Everbach	Biomedical Ultrasound/Bioresponse to Vibration
John Erdreich	Noise

**Panel on Public Policy**

Edward J. Walsh, Chair to 2010

**Term to 2010**

Angelo J. Campanella  
 Lawrence A. Crum  
 Ellen Livingston  
 James H. Miller

**Term to 2009**

Mardi C. Hastings  
 David Lubman  
 William A. Yost

**Term to 2008**

William M. Hartmann  
 Sabih I. Hayek  
 Peggy B. Nelson  
 Victor W. Sparrow

Anthony A. Atchley, ex officio as immediate Past President  
 George V. Frisk, ex officio as Vice President  
 Charles E. Schmid, ex officio as Executive Director  
 Paul D. Schomer, ex officio as Standards Director

**Public Relations**

Geoffrey E. Edelmann, Chair to 2009

**Term to 2010**

Kelly J. Benoit-Bird  
 Diana Deutsch  
 E. Carr Everbach  
 Christy K. Holland

Brenda L. Lonsbury-Martin  
James H. Miller  
Joe W. Posey  
Barbara Shinn-Cunningham  
Stephen C. Thompson

**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

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

**Publication Policy**

Mark F. Hamilton, Chair to 2009

**Term to 2010**

Charles C. Church  
Mardi C. Hastings

**Term to 2009**

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

**Term to 2008**

Diane Dalecki  
James F. Lynch  
Mark F. Hamilton, President-Elect, ex officio  
Allan D. Pierce, Editor-in-Chief, ex officio

**Regional Chapters**

Juan I. Arvelo, Cochair to 2008  
Elizabeth A. McLaughlin, Cochair to 2008

Micah Shepherd	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
Andy Miller	Univ. of Kansas Student Chapter
Neil A. Shaw	Los Angeles
Hari S. Paul	Madras, India
Sergio Beristain	Mexico City
Roger T. Richards	Narragansett
Michelle Vigeant	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

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

**Prizes and Special Fellowships**

Wayne M. Wright, Chair to 2009

**Term to 2010**

Anthony A. Atchley  
Constantine Trahiotis

**Term to 2009**

Fredericka Bell-Berti  
James E. West

**Term to 2008**

Uwe J. Hansen

**Rules and Governance**

William M. Hartmann, Chair to 2008

**Term to 2010**

William J. Cavanaugh  
Floyd Dunn

**Term to 2009**

Elaine Moran  
Charles E. Schmid

**Term to 2008**

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

**Standards**

*Executive Committee*

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

*S1 Representation*

Philip J. Battenberg, Chair S1 and ASA rep. on S1  
Richard J. Peppin, Vice Chair S1  
Alan H. Marsh, ASA rep. on S1  
Paul D. Schomer, ASA alternate rep. on S1

*S2 Representation*

Ronald L. Eshleman, Chair S2  
Ali T. Herfat, Vice Chair S2  
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  
David A. Preves, Vice Chair S3  
Mahlon D. Burkhard, 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  
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*

George V. Frisk, Chair, 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  
Richard Raspet, 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  
Robert M. Drake, 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 Standards News–JASA (ex officio)*

Susan B. Blaeser, Paul D. Schomer, George S.K. Wong

**Student Council**

Michael Canney	Chair and Biomedical/Bioresponse
John Camin	Signal Processing in Acoustics
Suzanne P. Carr	Psychological and Physiological Acoustics
Eric Dieckman	Musical Acoustics
Connor R. Duke	Noise and Regional Chapters Committee Liaison
Andrew Ganse	Underwater Acoustics
Todd A. Hay	Physical Acoustics
Micah Shepherd	Structural Acoustics and Vibration
Alison Stimpert	Animal Bioacoustics
Lora J. van Uffelen	Acoustical Oceanography
Jennell C. Vick	Speech Communication
Michelle Vigeant	Architectural Acoustics
Douglas Wilcox	Engineering Acoustics

**Tutorials**

Lily Wang, Chair to 2009

**Term to 2007**

Paul E. Barbone  
Micheal L. Dent  
Michelle E. Swearingen

**Term to 2009**

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

**Term to 2008**

Kenneth A. Cunefare

David R. Dowling  
Barbara G. Shinn-Cunningham  
Charles E. Schmid, Executive Director, ex officio

**Women in Acoustics**

Lisa M. Zurk, Chair to 2009

**Term to 2010**

Helen M. Hanson  
Marcia J. Isakson  
Jennifer L. Miksis-Olds  
Peggy B. Nelson

**Term to 2009**

Kathryn W. Hatlestad  
Carolyn J. Richie

**Term to 2008**

Mardi C. Hastings  
Brigitte Schulte-Fortkamp  
Sophie Van Parijs  
Lily M. Wang  
Victor W. Sparrow, ex officio as Vice President-Elect

**Ad-Hoc Committees and Task Forces 2007–2008**

**JASA-EL Editorial Advisory Committee**

D. Keith Wilson, Chair  
Diana Deutsch  
Anders Lofqvist  
Brenda L. Lonsbury-Martin  
Philip L. Marston  
Andrew N. Norris  
Allan D. Pierce  
Ronald A. Roy  
Michael R. Stinson

**Task Force on Education Outreach**

Peggy B. Nelson and James M. Sabatier, Cochairs  
Fredericka Bell Berti  
Uwe J. Hansen  
Victor W. Sparrow

**Task Force on ASA Meetings**

William A. Yost, Chair  
Gilles A. Daigle  
George V. Frisk  
Diane Kewley-Port  
Donna L. Neff  
Victor W. Sparrow  
Janet M. Weisenberger

**Task Force on the ASA Mission**

Anthony A. Atchley, Chair  
Mahlon D. Burkhard  
Gilles A. Daigle  
Judy R. Dubno  
Paul D. Schomer  
Stephen C. Thompson  
Wayne M. Wright

**Task Force on the ASA Webpage**

Stephen C. Thompson, Chair  
Susan B. Blaeser  
Andrew Ganse  
James H. Miller  
Elaine Moran  
Andrew Picasek