



**PROGRAM and ABSTRACTS**

**of the**

***One Hundred Forty-Fourth  
Annual Meeting***

**AMERICAN OTOLOGICAL  
SOCIETY, INC.**

**April 30—May 1, 2011**

**Sheraton Chicago Hotel & Towers**

**Sheraton Ballroom IV/V**

**Chicago, IL**

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Steven A. Telian, MD

**Accreditation Statement:** The American Otological Society is accredited under the entity *The AOS/ANS Joint Council* as a provider for continuing medical education for physicians by the Accreditation Council for Continuing Medical Education (ACCME).

**Credit Statement:**

*The AOS/ANS Joint Council* designates this educational activity for a maximum of 8 *AMA PRA Category 1 Credit (s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Certificate of Attendance** will be issued at the close of the meeting upon completion of the questionnaire required by us for the certifying organizations.

## The AOS/ANS JOINT COUNCIL CME MISSION

**Organizational Structure:** *The AOS/ANS Joint Council* is the organizational entity that oversees the Continuing Medical Education activities of two sister societies, the American Otological Society and the American Neurotology Society. *The AOS/ANS Joint Council* reflects the complementary and collaborative missions of these two societies in their commitment to improving the science, knowledge and care of patients with otologic, neurotologic and skull base disorders.

*The AOS/ANS Joint Council* provides strategic direction and oversight for the Otology & Neurotology Journal and fosters collaboration and cross-pollination of research, advances and approaches to care that reflect the ACGME/ABMS competencies. The formalization of the long-standing collaboration between the AOS and ANS reflects our commitment to the challenges identified in recent Institute of Medicine recommendations focused on a commitment to collaborative and team based care.

**Purpose:** *The AOS/ANS Joint Council* is dedicated to improving public health care through the development, dialogue and dissemination of advances in evidence-based diagnosis and management of otologic, neurotologic and related skull base disorders. The focus on the scientific advances in these combined fields is translated into approaches to quality care that are consistent with ACGME/ABMS general competency areas and the Institute of Medicine recommendations.

**Target Audience:** The primary target audience that are served through *The AOS/ANS Joint Council* include members of both the American Otological Society and the American Neurotology Society as well as healthcare professionals in the fields of otology, otolaryngology, neurotology, and skull base research and healthcare. The members served include physicians, otologists, neurotologists, residents, fellows, researchers, nurses, occupational and speech therapists and other healthcare professionals who are involved in the care of patients with otologic and neurotologic conditions.

**Activities:** The educational activities under the auspice of *The AOS/ANS Joint Council* will continue to utilize the existing and well-respected live conference/annual meeting formats that are currently provided through the AOS and ANS. Since many of the members of these societies are members of both groups, *The AOS/ANS Joint Council* plans to explore new ideas the development of educational activities that can maximize the benefits of this collaboration and leverage the science, evidence and standards of care in both otology and neurotology to the benefit of the patients with these conditions. The Otology and Neurotology Journal provides an additional vehicle for further collaboration and dissemination of new information, science and standards of care.

**Content:** The content areas of otology and neurotology will continue to serve as the primary educational focus for the CME program under the auspice of *The AOS/ANS Joint Council*. The educational efforts will also highlight the ACGME/ABMS general competencies within the context of this field and relate the significance of communication, professionalism, patient safety and systems-based practice within these workplace environments.

**Expected Results:** The reorganization of the CME program, under *The AOS/ANS Joint Council*, provides an excellent foundation for measurement of new knowledge, competence and self-assessment that reflect the core values of *The AOS/ANS Joint Council* and its subsidiary sister societies, the American Otological Society and the American Neurotology Society.

## 2011 AOS Spring Meeting CME Activity Planning

Each attendee of the AOS 2010 Spring meeting was asked to complete an evaluation at the close of the scientific program. Respondents provided extensive feedback on what they learned from the Program as well as what they would like to see addressed at an upcoming AOS CME activity. Responses were collected and summarized from 203 attendees.

Based on the responses, the following data regarding professional practice gaps among attendees was noted:

- Lack of information on correcting conductive hearing loss.
- A lack of proven scientific studies on preventing, reversing or treating sensorineural hearing loss as well as other vestibular disorders.
- The underutilization of recommended strategies in cochlear and vestibular disease and the lack of awareness/knowledge as to expected results and limitations of cochlear implants.
- The current status regarding the standard of care in treatment of vestibular schwannomas.
- The relationship of genetic influence on inner ear disorders.

### IDENTIFICATION OF PROFESSIONAL PRACTICE GAPS

Professional practice gaps are the variations or differences in the practice patterns when compared to current evidence, standards of care or clinical guidelines that are designed to provide quality of care to patients. Authors were asked to describe how to translate identified professional practice gaps into educational needs; how the need is expressed in terms of knowledge, competence, performance and patient outcome; what should the learners be able to apply to their profession after they participate in the educational activity; list the desired results in terms of changes in physician knowledge, competence, performance and/or patient outcome.

The following competency areas will be addressed through this CME activity/scientific session.

1. **Patient Care** that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.
2. **Medical Knowledge** about established and evolving biomedical, clinical, and cognate (e.g. epidemiological and social-behavioral) sciences and the application of this knowledge to patient care.
3. **Practice-Based Learning and Improvement** that involves investigation and evaluation of their own patient care, appraisal and assimilation of scientific evidence, and improvements in patient care.
4. **Interpersonal and Communication Skills** that result in effective information exchange and teaming with patients, their families, and other health professionals.
5. **Professionalism** as manifested through a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.
6. **Systems-Based Practice** as manifested by actions that demonstrate an awareness of and responsiveness to the larger context and system of health care and the ability to effectively call on system resources to provide care that is of optimal value.

## **Goals & Objectives**

The overall goal of this course is to provide up-to-date information that focuses on the advancement of the scientific and clinical evidence that supports advances in otologic and neurotologic care to patients. The **target audiences** are physicians, otologists, residents, fellows, and researchers in the fields of otology and neurotology, as well as nurses, occupational and speech therapists, audiologists, and other healthcare professionals with specific interests in otologic and neurotologic disorders.

## **Learning Objectives:**

- 1) A complete overview of Cochlear Implants presented by an international expert drawing on his 32 years of experience.
- 2) A complete overview of application of Radiosurgery techniques in Otology/Neurotology by recognized experts via a panel presentation/discussion.
- 3) A complete overview of genetics knowledge with regards to hearing loss and advice to parents by a nationally known pediatric geneticist.
- 4) Novel uses of middle ear implants in correcting conductive hearing loss in infants/children.

## **Desired Results:**

- 1) The attendees will again be informed on the latest clinical information on genetic testing for hearing loss and what advice to give parents. This will build on the theme began at last year's meeting on this topic.
- 2) The attendees will be able to utilize the significant clinical and research experience presented by the Guest of Honor. This will allow a physician to determine the current indications, procedures and expected results in Cochlear Implants in children and adults.
- 3) The attendees will be instructed on the current available radiosurgical platforms and current indications/use of radiosurgery in treating temporal bone lesions.
- 4) The attendees will gain more extensive knowledge in the treatment of various types of conductive/sensorineural hearing loss.

### **\*\*\* American Otological Society, Inc.\*\*\***

All authors, presenters, panelists, guest lecturers, AOS Council members, and Program Advisory Committee members, administrative staff and any other contributing individuals who may be in a position to control content of a CME activity were required to complete a Disclosure/Conflict of Interest/Attestation declaration prior to consideration for presentation or appointment to a CME planning committee. All potential conflicts of interest were resolved by members of the AOS Council prior to this CME activity taking place. (See page 4 for complete AOS Disclosure Statement and Resolution of Conflict process)

**Position Statement:** Any presentations, conversations, exhibits, or other meeting communications, including description of the use of drugs or devices, does not imply nor constitute endorsement of any company, product, application or use by the American Otological Society.

All Authors/Presenters are required to comply with the following Disclosure Statement prior to submitting their paper to the American Otological Society. All authors/presenters were advised that the submitted paper becomes the property of *Otology & Neurotology* and cannot be reprinted without permission of the Journal.

#### **FULL DISCLOSURE POLICY STATEMENT**

In accordance with the ACCME Essential Areas and Policies, it is the policy of the American Otological Society and *The AOS/ANS Joint Council*, as the ACCME Accredited CME provider, to ensure balance, independence, objectivity and scientific rigor in all of its educational activities. **All authors, panelists, guest lecturers, CME and Program committee members, moderators, administrative staff and any other contributing individuals who may be in a position to control content of a CME activity are responsible for disclosing any potential conflict of interest or any significant financial or other relationships with the manufacturer(s) of any commercial product(s) or provider(s) of any commercial service(s) discussed in an educational presentation.** The purpose of this form is to identify and resolve all potential conflicts of interests that arise from financial relationships with any commercial or proprietary entity that produces healthcare-related products and/or services relevant to the content you are planning, developing, or presenting for this activity. This includes any financial relationships within the last twelve months, as well as known financial relationships of your spouse or partner.

To further ensure there is no relevant conflict of interest, members of the AOS Council, the Program Advisory Committee, *The AOS/ANS Joint Council* and/or Program moderators will review manuscripts three weeks prior to the CME activity to identify, address, and resolve any potential conflict of interest. In the event a relevant conflict of interest is noted, one or more of the following actions will be initiated. The presenter will be contacted and asked for clarification or additional information; the presenter will refrain from making recommendations regarding products or services and limit presentation to current evidence/science/research; or an alternate speaker will be chosen in which no conflict of interest is disclosed. The intent of this policy is not to discourage speakers who have relationships with commercial entities from presenting, but to identify these relationships to the listeners so that they may form their own judgments. **Failure to disclose this information on submission forms, or failure to return this disclosure form will result in exclusion from this activity and from future CME activities for up to two years.** The American Otological Society is committed to the non-promotional advancement of knowledge and science and to a free exchange of medical education in otology and neurotology.

#### **PUBLICATION STATEMENT**

The material in this abstract, (Name of Abstract), has not been submitted for publication, published, nor presented previously at another national or international meeting and is not under any consideration for presentation at another national or international meeting including another COSM society. The penalty for duplicate presentation/publication is prohibition of the author and co-authors from presenting at a COSM society meeting for a period of three years.

Submitting Author's Signature (required)

**\*\*\*FACULTY DISCLOSURES\*\*\***

**American Otological Society Council**

C. Phillip Daspit, MD – No Disclosure

Herman A. Jenkins, MD – Otologics LLC - Research Grant Recipient -  
Implantable middle ear devices

Paul R. Lambert, MD – No Disclosure

Debara L. Tucci, MD – Otonomy - Chair, Data Safety Recruiting  
Board - SNHL

Joseph B. Nadol, Jr., MD – Gyrus - Product Royalty - Stapedectomy  
Prosthesis

Bruce J. Gantz, MD – Cochlear Corp-Consultant Cochlear Implants  
Advanced Bionics-Consultant Cochlear Implants  
Anspach Advisory Board-Drills

John W. House, MD – No Disclosure

D. Bradley Welling, MD, PhD – No Disclosure

Steven A. Telian, MD – Cochlear Americas - Medical Advisory Board  
- Cochlear Implants-No recent activity in 2 years

**Administrators:**

Shirley Gossard –No Disclosure

Kristen Bordignon –No Disclosure

**2011 Program Advisory Committee**

Moises Arriaga, MD—Stryker-Consultant

David M. Barrs, MD—Epic Hearing Health - Stockholder

Douglas A. Chen, MD—Medtronic Neurologic Tech-Lab Support

Richard A. Chole, MD, PhD—No Disclosure

Charles Della Santina, MD—No Disclosure

Bruce J. Gantz, MD—Cochlear Corp-Consultant Cochlear Implants  
Advanced Bionics Consultant Cochlear Implant  
Anspach Advisory Board-Drills

Marlan Hansen, MD—No Disclosure

Bradley W. Kesser, MD—Nasco, Inc.- Receives Royalties from a  
product (ear simulator) he developed - Medical Education

Harold H. Kim, MD—No Disclosure

Edwin M. Monsell, MD—No Disclosure

D. Bradley Welling, MD—No Disclosure

**Primary Authors/Contributing Authors were informed and  
required to comply with the following prior to submitting their  
abstract:**

1. Disclose financial relationships with a commercial entity producing  
health-care related products and/or services.

2. Authors were informed a member of the AOS Program Advisory  
Committee and *The AOS/ANS Joint Council*, as the ACCME  
Accredited CME provider, would review the content of the  
presentation prior to the CME activity taking place; Primary author  
would provide educational content and resources in advance as  
requested. (if applicable)

3. If Author/Presenter has been trained or utilized by a commercial  
entity or its agent as a speaker (e.g., speaker's bureau) for any  
commercial interest, the promotional aspects of that presentation will  
not be included in any way with this activity.

4. If discussing any product use that is off label, Author/Presenter required to disclose that the use or indication in question is not currently approved by the FDA for labeling or advertising.

5. If discussing specific healthcare products or services, will use generic names to the extent possible. If need to use trade names, will use trade names from several companies when available, not just trade names from any single company.

6. If providing recommendations involving clinical medicine, they will be based on evidence that is accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients. All scientific research referred to, reported or used in CME in support of justification of a patient care recommendation will conform to the generally accepted standards of experimental design, data collection and analysis.

7. If presenting research funded by a commercial company, the information presented will be based on generally accepted scientific principles and methods, and will not promote the commercial interest of the funding company.

**\*\*\*Disclosures—Oral Presentations \*\*\***

**Saturday April 30, 2011, Scientific Session**

**Oral Presentations: Authors/Presenters/Panel Participants  
Disclosures (listed in order of presentation)**

**7:43**

**Guest of Honor**

Richard T. Miyamoto, MD—Cochlear Corp-Advisory Committee,  
Advanced Bionics-Advisory Committee

**8:10**

Justin S. Golub, MD—No Disclosure

Jong Ho Won, PhD—No Disclosure

Ward R. Drennan, PhD—No Disclosure

Tina D. Worman, MS—No Disclosure

Jay T. Rubinstein, MD, PhD—Paid consultant for Cochlear  
Americas

**8:18**

Anil K. Lalwani, MD—No Disclosure

Noel L. Cohen, MD—No Disclosure

**8:26**

Marco Mandalá—No Disclosure

Liliana Colletti, PhD—No Disclosure

Vittorio Colletti, MD—No Disclosure

**8:34**

Simon I. Angeli, MD—Medtronic, recipient of research grant

Hamlet Suarez, MD—No Disclosure

Xue Liu, MD—No Disclosure

**8:42**

Henryk Skarzynski, MD, PhD—No Disclosure

Artur Lorens, PhD—No Disclosure

Anna Piotrowska, MD, PhD—No Disclosure

Piotr H. Skarzynski, MD, MSc—No Disclosure

Monika Matusiak, MD, PhD—No Disclosure



**\*\*\*Disclosures—Oral Presentations\*\*\***

**Saturday April 30, 2011, Scientific Session (Cont)**

**8:50**

Kyle P. Allen, MD, MPH—No Disclosure

Angela G. Shoup, PhD—No Disclosure

Peter S. Roland, MD—Consultant: Med-El, Advanced Bionics  
Cochlear Corporation, Alcon.

**8:58**

Herman A. Jenkins, MD—Otologics LLC; grant recipient for  
basic and clinical trials research

Kristin Uhler, PhD—Otologics LLC; grant recipient for basic  
and clinical trials research

**9:14**

**Basic Science Lecture**

Kirk Aleck, MD—No Disclosure

**10:15**

Hillary A. Snapp, AuD—Consultant to Cochlear Corporation. As a  
consultant receive travel expenses for meetings attended. Do not  
receive any other compensation from this company

David Fabry, PhD—No Disclosure

Fred F. Telischi, MD—Serve as a consultant to cochlear corporation,  
as a consultant receive travel expenses for meetings attended.

Simon I. Angeli, MD— No Disclosure

**10:23**

Robert A. Battista, MD—No Disclosure

R. Mark Wiet, MD— No Disclosure

Vasilike Rauch, AuD—No Disclosure

Krystine Mullins, AuD—No Disclosure

Joyce Kim, BS—No Disclosure

Richard J. Wiet, MD—No Disclosure

**10:31**

Bjorn Herman, MD—No Disclosure

Daniel M. Zeitler, MD—No Disclosure

Simon I. Angeli, MD—No Disclosure

Ann W. Plum—No Disclosure

Hillary A. Snapp, AuD—Consultant to Cochlear Corporation

Fred F. Telischi, MD, MEE—Consultant to Cochlear Corporation

**10:39**

Suhael R. Momin, BA—No Disclosure

Sami J. Melki, MD—No Disclosure

Joy O. Obokhare, MD—No Disclosure

Souha A. Fares, MS—No Disclosure

Kumar N. Alagramam, PhD—No Disclosure

Cliff A. Megerian, MD—No Disclosure

**10:47**

Maroun T. Semaan, MD—No Disclosure

Qing Y. Zheng, MD—No Disclosure

Heping Yu—No Disclosure

Fangchan Han, MD—No Disclosure

Cliff A. Megerian, MD—No Disclosure

**\*\*\*Disclosures—Oral Presentations\*\*\***

**Saturday April 30, 2011, Scientific Session (Cont)**

**10:55**

Eric Monteiro, MD—No Disclosure  
Prodip Das, DM—No Disclosure  
Mike Daly, MS—No Disclosure  
Harley Chan, PhD—No Disclosure  
Adrian James, DM, MA—No Disclosure

**11:03**

A. Robier, MD—Cochlear Consultant  
P. Lecerf, MD—No Disclosure  
JP. Cottier, MD, PhD—No Disclosure  
D. Bakhos, MD—No Disclosure  
E. Lescanne, MD, PhD—No Disclosure

**11:19**

J. Eric Lupo, MD, MS—No Disclosure  
Kanthaiah Koka, PhD—No Disclosure  
Herman A. Jenkins, MD—Otologics LLC research Grant  
Daniel J. Tollin, MD—Otologics LLC research Grant

**11:27**

Jayant Ramakrishna, Hons BHSc—No Disclosure  
Joel A. Goebel, MD—No Disclosure  
Lorne S. Parnes, MD—No Disclosure

**11:35**

M. Geraldine Zuniga, MD—No Disclosure  
Kristen Janky, AuD, PhD—No Disclosure  
Michael Schubert, PT, PhD—No Disclosure  
John P. Carey, MD—No Disclosure

**11:43**

Angela S. Peng, MD—No Disclosure  
Meghan Thompson—No Disclosure  
Aristides Sismanis, MD—No Disclosure  
Daniel H. Coelho, MD—No Disclosure

**Sunday, May 1, 2011, Scientific Session**

**\*\*\*Oral Presentations: Authors/Presenters/Panel Participants  
Disclosures (listed in order of presentation)**

**1:00**

John J. Rosowski, PhD—No Disclosure  
Jeffery Tao Cheng, PhD—No Disclosure  
Saumil N. Merchant, MD—No Disclosure  
Ellery Harrington, MS—No Disclosure  
Cosme Furlong, PhD—No Disclosure

**1:08**

Lucas M. Viana—No Disclosure  
André Luiz Lopes Sampaio, MD—No Disclosure  
Nilda Agostinho Maia, Audiologist—No Disclosure  
Alessandra Ramos Venosa, MD—No Disclosure  
Rozania M. P. Junqueira—No Disclosure  
Carlos Augusto Costa Pires de Oliveira, MD, PhD—No Disclosure

**\*\*\*Disclosures—Oral Presentations\*\*\***

**Sunday, May 1, 2011, Scientific Session (Cont)**

**1:16**

Joseph B. Nadol, Jr., MD—AOS Council Member

Joe C. Adams, PhD—No Disclosure

Jennifer O'Malley—No Disclosure

**1:24**

Michael Murray, MD—Consultant to Sonitus Corporation stock options in Sonitus Corporation

Gerald R. Popelka, PhD—Consultant to Sonitus Corporation

**1:32**

Bryan K. Ward, MD—No Disclosure

Christine G. Gourin, MD—No Disclosure

Howard W. Francis, MD—No Disclosure

**1:40**

Brian D. Westerberg, MD—No Disclosure

Anne E. Conlin, MD—No Disclosure

Patrick W. Doyle, MD—No Disclosure

Michael A. Nobel, MD—No Disclosure

Robert P. Rennie, PhD—Scientific consultant for Innovotech, manufacturer of Biofilm-PA

**1:56**

Stanley Pelosi, MD—No Disclosure

George B. Wanna, MD—No Disclosure

Eric E. Smouha, MD—No Disclosure

**2:04**

David J. Eisenman, MD—No Disclosure

Hernan Goldsztein, MD—No Disclosure

**2:12**

Olivier Sterkers, MD, PhD—No Disclosure

Reka Ablonczy, MD—No Disclosure

Alexis Bozorg-Grayeli, MD, PhD—No Disclosure

Daniele Bernardeschi, MD, PhD—No Disclosure

**2:20**

Bob Lerut, MD—No Disclosure

Alain Pfammatter, MD—No Disclosure

Johnny Moons, MScN—No Disclosure

Thomas Linder, MD, PhD—No Disclosure

**2:28**

Loren J. Bartels, MD—OmniGuide: unpaid consultant, program moderator, speaker. Advanced Bionics Medical Advisory Board Member. Patent holder with Grace Medical Inc for a Bartels titanium slotted bucket prosthesis.

Christopher J. Danner, MD—OmniGuide: unpaid speaker

**2:36**

R. Mark Wiet, MD—No Disclosure

Joyce Kim, BS—No Disclosure

Richard J. Wiet, MD—Consultant to Medtronic

Robert A. Battista, MD—No Disclosure

**\*\*\*Disclosures—Oral Presentations\*\*\***

**Sunday, May 1, 2011, Scientific Session (Cont)**

**2:42**

Brandon Isaacson, MD—Medtronic Midas Rex Institute -  
Course Instructor and Consultant

Ryan Neilan, MD—No Disclosure

**3:15**

Bassem M. Hanna, MD—No Disclosure

Dennis S. Poe, MD—No Disclosure

**3:23**

P. Ashley Wackym, MD—Member, Surgeons Advisory Board,  
Cochlear Americas. Member, Surgical Advisory  
Board, Med-El Corporation. Member, Advisory  
Board, Otomed, Inc.

F. Owen Black, MD—No Disclosure

**3:31**

David R. Friedmann, MD—No Disclosure

Jan Eubig, MD—No Disclosure

Megan McGill—No Disclosure

Bidyut K. Pramanik, MD—No Disclosure

Anil K. Lalwani, MD—No Disclosure

**3:39**

Candice C. Colby, MD—No Disclosure

Ian Crocker, MD—No Disclosure

Douglas E. Mattox, MD—No Disclosure

**3:52**

Panel Presentation

Edwin M. Monsell, MD, PhD—No Disclosure

Nikolas H. Blevins, MD—No Disclosure

P. Ashley Wackym, MD—Member, Surgeons Advisory Board,  
Cochlear Americas. Member, Surgical Advisory  
Board, Med-El Corporation. Member, Advisory  
Board, Otomed, Inc.

## **2011 Program Advisory Committee**

Moises A. Arriaga, MD  
David M. Barrs, MD  
Douglas A. Chen, MD  
Richard A. Chole, MD, PhD  
Charles Della Santina, MD  
Bruce J. Gantz, MD  
Marlan R. Hansen, MD  
Bradley W. Kesser, MD  
Harold H. Kim, MD  
Edwin M. Monsell, MD  
D. Bradley Welling, MD

## **145th AOS Annual Spring Meeting**

**April 21-22, 2012**

**Manchester Grand Hyatt**

**San Diego, CA**

### **Abstract Deadline: October 15, 2011**

**Abstract Instructions and submission form will be available on website after July 1, 2011**

**Website—[www.americanotologicalsociety.org](http://www.americanotologicalsociety.org)**

**All primary and contributing authors are required to sign a disclosure/conflict of interest document at time of abstract submission in order for the abstract to be considered by the Program Advisory Committee**

### **Journal Requirements/Instructions to Authors/Presenters**

The journal of *OTOLOGY & NEUROTOLOGY* no longer accepts paper manuscripts. All manuscripts must be submitted online **three weeks** prior to the annual meeting, via the journal's website: <https://www.editorialmanager.com/on/>. Instructions for registering, submitting a manuscript, and the author guidelines can all be found on the Editorial Manager site: <https://www.editorialmanager.com/on/>. One copy of the manuscript (.pdf format) is to be submitted electronically to the AOS Administrative Office a **minimum of three weeks** prior to the Annual Meeting for content and conflict of interest review and resolution.

### **Administrative Office Address**

American Otological Society, Inc.  
Shirley Gossard, Administrator  
3096 Riverdale Road  
The Villages, Florida 32162  
Ph: 352-751-0932  
Fax: 352-751-0696  
Email: [segossard@aol.com](mailto:segossard@aol.com)  
Website: [www.americanotologicalsociety.org](http://www.americanotologicalsociety.org)

Kristen Bordignon, Administrative Assistant  
315 North Iris Drive  
Auburn, IL 62615  
Email: [neurotology65@yahoo.com](mailto:neurotology65@yahoo.com)

## NAMES AND ADDRESSES OF PRIMARY AUTHORS

---

Kyle P. Allen, MD, MPH  
Department of Otolaryngology  
UTSW  
5323 Harry Hines Blvd  
Dallas, TX 75390-9035

Simon I. Angeli, MD  
University of Miami Ear Institute  
1120 NW 14th St. Suite 500  
Miami, FL 33136

Loren J. Bartels, MD  
5 Tampa General Circle 610  
Tampa, FL 33606

Robert A. Battista, MD  
11 Salt Creek Lane, Suite 101  
Hinsdale, IL 60521

Daniel H. Coelho, MD  
Department of Otolaryngology  
Head and Neck Surgery  
P.O. Box 980146  
Richmond, Virginia 23298-0146

Candice C. Colby, MD  
1365A Clifton Rd. NE  
Atlanta, GA, 30339

David J. Eisenman, MD  
16 S. Eutaw St., Suite 500  
Baltimore, MD 21201

David R. Friedmann, MD  
200 E 27th St  
New York, NY 10016

Justin S. Golub, MD  
Univ of WA Dept of Oto-HNS  
1959 NE Pacific St, Box 356515  
Seattle, WA 98195-6515

Bjorn Herman, MD  
University of Miami  
Dept of Otolaryngology (D-48)  
PO Box 016960  
Miami, FL 33101

Bassem M. Hanna  
Department of Otolaryngology,  
Ottawa Hospital-General Campus  
S3, 501 Smyth Rd.  
Ottawa, Ontario  
Canada K1H 8L6

Brandon Isaacson, MD  
5323 Harry Hines Blvd.  
Dallas, TX 75390-9035

Herman A. Jenkins, MD  
12631 E 17th Ave, B205,  
Aurora, CO 80045

Anil K. Lalwani, MD  
Department of Otolaryngology  
560 First Ave, Suite 7Q  
New York, NY 10016

Bob Lerut, MD  
AZ Sint Jan Brugge-Oostende AV  
Brugge, Ruddershove 10  
8000 Brugge, Belgium

J. Eric Lupo, MD, MS  
Mail Stop B205  
12631 E. 17th Ave.  
PO Box 6511  
Aurora, CO 80045

Marco Mandala, MD  
Pzz.le L.A. Scuro, 10  
37134, Verona, Italy

Suhael R. Momin, BA  
13700 Fairhill Rd. #405  
Shaker Heights, OH 44120

Eric Monteiro, MD  
University of Toronto  
190 Elizabeth street Room 3S-438  
Toronto, Ontario  
M5G 2N2

Michael Murray, MD  
Camino Ear Nose and Throat  
393 Blossom Hill Rd, Suite 210  
San Jose, CA 95123

Joseph B. Nadol, Jr., MD  
Department of Otolaryngology  
243 Charles St.  
Boston, MA 02114

Stanley Pelosi, MD  
Department of Otolaryngology-  
Head and Neck Surgery  
The Mount Sinai SOM  
Box 1189  
One Gustave L. Levy Place  
New York, NY 10029

## NAMES AND ADDRESSES OF PRIMARY AUTHORS

---

Jayant Ramakrishna, Hons. BHSc  
339 Windermere Road  
London Health Sciences Centre  
London, Ontario, Canada  
N6A 5A5

A. Robier, MD  
Service ORL et CCF, CHRU de  
Tours Université François-  
Rabelais de Tours  
37000 Tours France

John J. Rosowski, PhD  
Mass Eye and Ear Infirmary  
243 Charles Street  
Boston, MA 02114

Maroun T. Semaan, MD  
11100 Euclid Ave, Lk 4532  
Cleveland, Ohio 44106

Hillary Snapp, AuD  
1120 NW 14th Street Fifth floor  
Miami, Fl 33136

Henryk Skarzynski  
Institute of Physiology and  
Pathology of Hearing  
Zgrupowania AK Kampinos 1  
01-943 Warsaw, Poland

Olivier Sterkers, MD, PhD  
100 bd du general Leclerc  
92110 Clichy  
France

Lucas Moura Viana  
SQN 313 Bloco D Apto  
109 Asa Norte  
Brasília DF Brazil 70766040

P. Ashley Wackym, MD  
Legacy Research Institute  
1225 NE 2nd Avenue  
Portland, OR 97232

Bryan K. Ward, MD  
915 East 37th Street  
Baltimore, MD 21218

Brian D. Westerberg, MD  
Rotary Hearing Clinic  
Room 2600  
1081 Burrard Street  
Vancouver, British Columbia,  
Canada V6Z 1Y6

R. Mark Wiet, MD  
11 Salt Creek Lane  
Suite 101  
Hinsdale, IL 60521

M. Geraldine Zuniga, MD  
Johns Hopkins University SOM  
Otolaryngology—HNS  
601 N Caroline St 6th Floor  
Baltimore, MD 21287-0910

## NOTES



**Saturday, April 30, 2011**

**7:00 Business Meeting (Restricted to Members)**  
**Room:** Sheraton Ballroom IV/V

Minutes of the Annual Meeting 2010

Introduction of New Members

Election of Nominating Committee

Report of the Secretary-Treasurer

Report of the Editor-Librarian

**7:30 Scientific Program**  
*(Open to Registered Members & Non-Members—  
Badge required for admission)*  
**Room:** Sheraton Ballroom IV/V

**Moderators:** *C. Phillip Daspit, MD*  
*Paul R. Lambert, MD*

**7:30 Remarks by the President**  
*C. Phillip Daspit, MD*

**7:35 Presidential Citation**  
*Derald E. Brackmann, MD*  
*Newton J. Coker, MD*  
*Karl L. Horn, MD*  
*Fred D. Owens, MD*  
*Andrew G. Shetter, MD*  
*David F. Wilson, MD*

**7:43 Introduction of Guest of Honor**  
*Richard T. Miyamoto, MD*

**Guest of Honor Presentation**  
**Cochlear Implants: Past, Present and Future?**  
*Richard T. Miyamoto, MD*

**8:02 DISCUSSION**

**Moderators:** *C. Phillip Daspit, MD*  
*Paul R. Lambert, MD*

**Cochlear and Other Implants**

**8:10 Spectral and Temporal Measures in Hybrid  
Cochlear Implant Users: On the Mechanism of  
Electroacoustic Hearing Benefits**  
*Justin S. Golub, MD*  
*Jong Ho Won, PhD*  
*Ward R. Drennan, PhD*  
*Tina D. Worman, MS*  
*Jay T. Rubinstein, MD, PhD*

## NOTES

- 8:18     **Meningitis following Cochlear Implantation  
Continues to be a Problem in 2010**  
*Anil K. Lalwani, MD*  
*Noel L. Cohen, MD*
- 8:26     **The Atretic Ear and the Value of Round Window  
Vibrant Sound Bridge Implantation in Children  
and Infants**  
*Marco Mandalá, MD*  
*Liliana Colletti, PhD*  
*Vittorio Colletti, MD*
- 8:34     **The Influence of Genotype in the Language  
Growth of Children with Cochlear Implants**  
*Simon I. Angeli, MD*  
*Hamlet Suarez, MD*  
*Xue Liu, MD*
- 8:42     **Results with New SRA Electrode - Hearing  
Preservation in PDT**  
*Henryk Skarzynski, MD, PhD*  
*Artur Lorens, PhD*  
*Anna Piotrowska, MD, PhD*  
*Piotr H. Skarzynski, MD, MSc*  
*Monika Matusiak, MD, PhD*
- 8:50     **Cochlear Implantation in Children with  
Auditory Neuropathy**  
*Kyle P. Allen, MD, MPH*  
*Angela G. Shoup, PhD*  
*Peter S. Roland, MD*
- 8:58     **Speech Perception Comparisons of the Otologics  
Implanted Carina and the Freedom Microphones  
in Cochlear Implant Patients**  
*Herman A. Jenkins, MD*  
*Kristin Uhler, PhD*
- 9:06     **DISCUSSION**
- 9:14     **Basic Science Lecture  
Patterns of Inheritance as Illustrated by  
Disorders of Hearing**  
*Kirk Aleck, MD*
- 9:44     **DISCUSSION**
- 9:50     **BREAK WITH EXHIBITORS**
- Cochlear and Other Implants-Continued, Animal  
Research, Radiology**
- 10:15    **Bone Anchored Implant Validation for  
Single-Sided Deafness**  
*Hillary A. Snapp, AuD*  
*David Fabry, PhD*  
*Fred F. Telischi, MD*  
*Simon I. Angeli, MD*

## NOTES

- 10:23 **Sound Localization in Unilateral Deafness after Treatment with the TransEar or BAHA**  
*Robert A. Battista, MD*  
*R. Mark Wiet, MD*  
*Vasilike Rauch, AuD*  
*Krystine Mullins, AuD*  
*Joyce Kim, BS*  
*Richard J. Wiet, MD*
- 10:31 **Ethnic Disparity in Skin Complications following Bone-anchored Implantation**  
*Bjorn Herman, MD*  
*Daniel M. Zeitler, MD*  
*Simon I. Angeli, MD*  
*Ann W. Plum*  
*Hillary A. Snapp, AuD*  
*Fred F. Telischi, MD*
- 10:39 **Hearing Preservation in Guinea Pigs with Long-Standing Endolymphatic Hydrops**  
*Suhael R. Momin, BA*  
*Sami J. Melki, MD*  
*Joy O. Obokhare, MD*  
*Souha A. Fares, MS*  
*Kumar N. Alagramam, PhD*  
*Cliff A. Megerian, MD*
- 10:47 **Characterization of Neuronal Cell Death in the Spiral Ganglia of a Mouse Model of Endolymphatic Hydrops**  
*Maroun T. Semaan, MD*  
*Qing Y. Zheng, MD*  
*Heping Yu*  
*Fangchan Han, MD*  
*Cliff A. Megerian, MD*
- 10:55 **The Utility of Cone-Beam Computed Tomography in Determining the Position of Ossicular Prostheses in a Cadaveric Model**  
*Eric Monteiro, MD*  
*Prodip Das, DM*  
*Mike Daly, MS*  
*Harley Chan, PhD*  
*Adrian James, MA, DM*
- 11:03 **Trans-modiolar CT Scan Plane: Cadaveric Temporal Bone Study for the Localization of the Electrode Array in Cochlea Implanted**  
*A. Robier, MD*  
*P. Lecerf, MD*  
*JP. Cottier, MD, PhD*  
*D. Bakhos, MD*  
*E. Lescanne, MD, PhD*
- 11:11 **DISCUSSION**

## NOTES

## **Disorders of Hearing and Balance**

- 11:19 **Third Window Vibroplasty: Assessment of Physiologic Responses in a Model of Stapes Fixation**  
*J. Eric Lupo, MD, MS*  
*Kanthaiah Koka, PhD*  
*Herman A. Jenkins, MD*  
*Daniel J. Tollin, MD*
- 11:27 **Efficacy and Safety of Bilateral Posterior Canal Occlusion in Patients with Refractory Benign Paroxysmal Positional Vertigo: Case Report Series**  
*Jayant Ramakrishna, Hons BHSc*  
*Joel A. Goebel, MD*  
*Lorne S. Parnes, MD*
- 11:35 **What Happens to the Contralateral Ear as Meniere's Disease Progresses? A Study Using Vestibular Evoked Myogenic Potentials**  
*M. Geraldine Zuniga, MD*  
*Kristen Janky, AuD, PhD*  
*Michael Schubert, PT, PhD*  
*John P. Carey, MD*
- 11:43 **Cartilage Tympanoplasty in Smokers**  
*Angela S. Peng, MD*  
*Meghan Thompson*  
*Aristides Sismanis, MD*  
*Daniel H. Coelho, MD*
- 11:51 **DISCUSSION**
- 12:00 **Adjourn**
- 12:05 **AOS Members Group Photograph**  
*(Location to be announced)*
- 6:30 **President's Reception & Dinner Dance**  
Sheraton Ballroom V  
*(Members and Invited Guests Only)*

## NOTES



**Sunday, May 1, 2011**

- 12:30 **Business Meeting** (*Restricted to Members*)  
**Room:** Sheraton Ballroom IV/V  
Report of the  
A. Board of Trustees of the Research Fund  
B. American Board of Otolaryngology  
C. Award of Merit Committee  
D. American College of Surgeons  
E. American Academy of Otolaryngology-HNS  
F. AAO-HNS Board of Governors

Report of Audit Committee

Report of the AOS Education Committee

Report of the Membership Development Committee

Report of the Nominating Committee

Unfinished Business

New Business

- 1:00 **Scientific Program**  
(*Open to Registered Members & Non-Members—  
Badge Required for admittance*)  
**Room:** Sheraton Ballroom IV/V

**Moderators:** *C. Phillip Daspit, MD*  
*Paul R. Lambert, MD*

**Disorders of Hearing and Balance – Continued**

- 1:00 **New Data on the Motion of the Normal and  
Reconstructed Tympanic Membrane**  
*John J. Rosowski, PhD*  
*Jeffery Tao Cheng, PhD*  
*Saumil N. Merchant, MD*  
*Ellery Harrington, MS*  
*Cosme Furlong, PhD*
- 1:08 **ABR Changes in Children after Treatment with  
High Dose Cisplatin**  
*Lucas M. Viana*  
*André Luiz Lopes Sampaio, MD*  
*Nilda Agostinho Maia, Audiologist*  
*Alessandra Ramos Venosa, MD*  
*Rozania M. P. Junqueira*  
*Carlos Augusto Costa Pires de Oliveira, MD, PhD*

## NOTES

1:16 **Temporal Bone Histopathology in a Case of Sensorineural Hearing Loss Caused by Superficial Siderosis of the Central Nervous System**  
*Joseph B. Nadol, Jr., MD*  
*Joe C. Adams, PhD*  
*Jennifer O'Malley*

1:24 **Long Term Clinical Findings for a Novel Bone Conduction Device for Single Sided Deafness**  
*Michael Murray, MD*  
*Gerald R. Popelka, PhD*

1:32 **Impact of Case Volume on Short-term Surgical Outcomes and Costs of Vestibular Schwannoma Care**  
*Bryan K. Ward, MD*  
*Christine G. Gourin, MD*  
*Howard W. Francis, MD*

1:40 **In Vitro Assessment of Efficacy of Ciprofloxacin-Dexamethasone and N-Acetylcysteine on Bacteria and Biofilms Associated with Chronic Suppurative Otitis Media**  
*Brian D. Westerberg, MD*  
*Anne E. Conlin, MD*  
*Patrick W. Doyle, MD*  
*Michael A. Nobel, MD*  
*Robert P. Rennie, PhD*

1:48 **DISCUSSION**

### **Temporal Bone Surgical Interventions**

1:56 **Canal Wall Reconstruction in the Surgical Management of Cholesteatoma**  
*Stanley Pelosi, MD*  
*George B. Wanna, MD*  
*Eric E. Smouha, MD*

2:04 **Transmastoid Repair of the Sinus Wall for Pulsatile Tinnitus Due to Sigmoid Sinus Diverticulum and Dehiscence**  
*David J. Eisenman, MD*  
*Hernan Goldsztein, MD*

2:12 **Continuous Facial Nerve Stimulating Burr for Otological and Neurotological Surgeries**  
*Olivier Sterkers, MD, PhD*  
*Reka Ablonczy, MD*  
*Alexis Bozorg-Grayeli, MD, PhD*  
*Daniele Bernardeschi, MD, PhD*