

# 2006 Ultimate Colorado Mid-Winter Meeting

## Program Features

### Program Goals

The program is designed to update otolaryngologists, audiologists, and affiliated professionals in current developments in their related fields. The program is an amalgamation of the Ultimate Colorado Ski Meeting and the long-running Colorado Audiology—Otology Meeting. The meeting begins with a joint session on Sunday morning. For the remainder, two simultaneous sessions will be on going, one emphasizing topics in otolaryngology and the other in otology and audiology. Attendees are encouraged to participate in the sessions of their choice.

At the conclusion of this activity, participants should be able to:

- Relate examples of progress in facial plastic and reconstructive surgery of the head and neck
- Specify advances and controversies in current management of head and neck cancers.
- Enumerate important developments in pediatric otolaryngology in the area of chronic cough, airway management, infectious diseases including otitis media and guided imaging.
- Summarize the current rhinologic management of fungal sinusitis, skull base defects, biomaterials, coding issues in rhinology and neoplasms.
- Understand general otolaryngology topics relevant to laryngologic disorders, sleep apnea, electronic medical record systems and changes in healthcare corporations.
- Review recent advances in otology and neurotology with special emphasis in the areas of general otology, hearing diagnostics, early identification and intervention in hearing loss, molecular mechanisms in the auditory system, hearing aids, cochlear implantation, cochlear implant technology and vestibular therapy

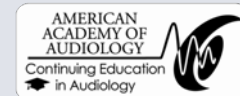
## Program Certification

### Accreditation

The University of Colorado School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Colorado School of Medicine designates this educational activity for a maximum of 18 category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spends in the educational activity.

Audiologists may claim AAA CE credit. The Colorado Hearing Foundation is approved by the American Academy to offer a maximum of 18 Academy CEU's for this activity. Academy approval of this continuing education activity does not imply endorsement of course content, specific products, or clinical procedure.



### Disclosure

Consistent with the University of Colorado School of Medicine (UCSOM) policy, faculty for this activity are expected to disclose any economic or other personal interests that create, or may be perceived as creating, a bias related to the material discussed. This policy is intended to make you aware of faculty's interests, so you may form your own judgments about such material. In addition, consistent with UCSOM policy, faculty are expected to disclose to you at the beginning of their presentation(s) any product mentioned during their presentation that is not labeled for the use under discussion or is still investigational. This policy is intended to allow you to form your judgments about such materials.

## Organizing Committee

Kenny H. Chan (course director), John P. Campana, Stephen P. Cass, Norman R. Friedman, Sandy Abbott Gabbard, Todd T. Kingdom, Herman A. Jenkins, and John I. Song

## Invited Guest Speakers

### Clinicians

Douglas Backous, MD  
Owen Black, MD  
Margaretha L. Casselbrant, MD, PhD  
Douglas B. Chepeha, MD  
Noel Cohen, MD  
Newton Coker, MD  
Mark S. Courey, MD  
John L. Frodel, MD  
Bruce Gantz, MD  
Michael K. Gibson, MD  
Mathew Hanasono, MD  
Jacques Herzog, MD  
Andrew J. Hotaling, MD  
Peter H. Hwang, MD  
Rodney P. Lusk, MD

Virginia Mason Clinic, Seattle, WA  
Portland, OR  
University of Pittsburgh, Pittsburgh PA  
University of Michigan, Ann Arbor, MI  
NYU, New York, NY  
Baylor College of Medicine, Houston, TX  
UCSF, San Francisco, CA  
Geisinger MC, Danville, PA  
University of Iowa, Iowa City, IA  
Johns Hopkins University, Baltimore, MD  
MD Anderson Hospital, Houston TX  
St. Louis, MO  
Maywood, IL  
University of Oregon, Portland, OR  
Boys Town, Omaha NE

Scott C. Manning, MD  
Richard Miyamoto, MD  
Richard R. Orlandi, MD  
Tapan Padhya, MD  
J. Thomas Roland, MD  
Jay Rubinstein, MD, PhD  
James E. Saunders, MD  
Pramod K. Sharma, MD  
Michael J. Sillers  
Douglas K. Trask, MD, PhD  
Tom Wang, MD  
Peter Weber, MD

### Audiologists and Hearing Scientists

James Battley, MD, PhD,  
Darla Franz, MD  
Linda Hood, PhD  
Paul Kileny, PhD  
David Lim, MD  
Christine Menapace, MA  
Jerry Northern, PhD  
Steven Staller, PhD  
Christopher Turner PhD  
Richard Tyler, PhD  
Martin T. Walsh, PhD  
Susan Waltzman, PhD

### University of Colorado Faculty

Mona Abaza, MD  
Gregory Allen, MD  
Kathryn Arehart, PhD  
Robert Baldwin, PhD  
Jennifer Barnes, PhD candidate  
Arlene Stredler Brown, MA  
John Campana, MD  
Stephen Cass, MD, MPH  
Kenny H. Chan, MD  
Janet DesGeorges  
Marion Downs, MA, DHS  
Carol Foster, MD  
Tammy Fredrickson PhD candidate  
Norman R. Friedman, MD

UCHSC Sandra Abbott Gabbard, PhD  
UCHSC Melissa Garafalo PhD candidate  
Boulder Herman A. Jenkins, MD  
UCHSC Cheryl Johnson, EdD  
Boulder Todd T. Kingdom, MD  
Boulder Jamie Moushey PhD candidate  
UCHSC Rebecca Nelson PhD candidate  
UCHSC Cory Portnuff PhD candidate  
UCHSC Katie Rennie, PhD  
Boulder John I Song, MD  
UCHSC Daniel Tollin, PhD  
UCHSC Kristin Uhler, MA  
Boulder Christina Yoshinago-Itano, PhD  
UCHSC Patricia Yoon, MD

University of Washington, Seattle, WA  
University of Indiana, Indianapolis, IN  
University of Utah, Salt Lake City, UT  
University of South Florida, Tampa, FL  
NYU, New York, NY  
University of Washington, Seattle, WA  
University of Oklahoma, Oklahoma City, OK  
University of Utah, Salt Lake City, UT  
University of Alabama, Birmingham, AL  
University of Iowa, Iowa City, IA  
Oregon Health Sciences Center, Portland, OR  
Cleveland Clinic, Cleveland, OH

## Travel & Lodging Information

### Location

The meeting will be held at The Lodge at Vail, Vail, Colorado, a premier ski-resort with accommodations ranging from hotel rooms to condominiums and a modern conference facility. The Lodge is a member of the Preferred Hotels & Resorts Worldwide and appeared on the *Condé Nast* Traveler's Gold List, 2004-2005. Located in the center of Vail village, it has ready access to the Vail free bus route, making car rental unnecessary.

A block of discounted hotel rooms (\$278 per night for regular rooms and \$309 per night for deluxe rooms) and condominiums (\$288 per night for studios, \$370 per night for 1-bedroom units and \$725 per night for 2-bedroom units) have been reserved. Rates include breakfast for up to 2 people served at the Conference Center. Availability is limited, registrants are encouraged to call the Lodge (800-331-5634) at their earliest convenience to arrange accommodations.

### By Car

Leaving Denver International Airport on Pena Blvd., take I-70 West to Vail exit 176 (approximately 115 miles). Go under the highway and exit the second roundabout onto Vail Road, which turns into East Gore Creek Drive. The Lodge at Vail is at 174 East Gore Creek Drive. From Eagle Airport, take I-70 East to exit 176 and follow as above. Hotel discounted valet parking for conference participants is available at \$10 per day.

### By Shuttle from Denver International or Eagle Vail Airport

Shuttle services to the Lodge are available from either airport, provided by Colorado Mountain Express. Call 800-525-6363 for reservations.

### Air Travel, Lift Tickets, Updates and Additional Information

Discounted airline tickets, especially for travel without a Saturday night stay, are offered through Vail Resort Management Company at (888-223-7902), please mention group code WTCCMID. Additional information on lift ticket, equipment rental and ski conditions can be viewed at [www.vailresort.com](http://www.vailresort.com). Meeting Updates can be obtained at the departmental website at [www.uchsc.edu/sm/otolaryn](http://www.uchsc.edu/sm/otolaryn), under *events*. Registrants will be contacted by our staff via e-mail within 30 days of the meeting regarding discounted group ski tickets.

*This program is a part of the Colorado Statewide Extended Campus. State funds were not used to develop or administer this program.*

To Register or for More Information Contact:  
Jen Preston  
303-315-0743  
Fax: 303-315-8787  
Department of Otolaryngology  
4200 East Ninth Avenue, B205  
Denver, CO 80262  
[www.uchsc.edu/otolaryngology](http://www.uchsc.edu/otolaryngology)

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- 18 hours of category 1 AMA CME or Audiology CEUs
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Ultimate  
**Colorado**  
Mid-Winter Meeting

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**Colorado**  
Mid-Winter Meeting

An Otolaryngology Update, and  
The Colorado Audiology-Otology Conference  
January 29 - February 2, 2006  
The Lodge at Vail, Vail Colorado



**Presented By:**  
The Department of Otolaryngology  
University of Colorado School of Medicine

**Sponsored By:**  
Office of Continuing Education  
University of Colorado School of Medicine

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# 2006 Ultimate Colorado Mid-Winter Meeting

## Registration

### The Ultimate Colorado Mid-Winter Meeting An Otolaryngology Update and The Colorado Audiology- Otology Conference

January 29 - February 2, 2006  
The Lodge at Vail, Vail, Colorado

Early registration is encouraged. Written confirmation will be sent upon receipt of your registration and payment. Registration fee includes daily breakfast, afternoon snacks, as well as the Sunday evening reception. To register online visit: [www.uchsc.edu/cme](http://www.uchsc.edu/cme) and click the **Register Now** button. VISA or MasterCard is required for on-line registration.

The conference tuition is refundable, less a \$50 processing fee, if your cancellation is received, in writing, by December 15, 2005. **(The \$50 processing fee is non-refundable regardless of the reason for cancellation.)** After December 15<sup>th</sup>, no refunds will be granted. The Department of Otolaryngology reserves the right to cancel this conference in the event of unforeseen circumstances. In the event of cancellation, the Department of Otolaryngology is obligated to refund the registration fee only.

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ MI: \_\_\_\_\_  
Degree: MD DO PhD MA MS PA NP RN  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
E-mail Address: \_\_\_\_\_

Registration Fee: on/before 12/5/05 after 12/5/05  
Physicians \$600 \$650  
Allied Professionals \$275 \$325  
Total amount enclosed \$ \_\_\_\_\_ Check #: \_\_\_\_\_

Make checks payable to: **The Department of Otolaryngology**

Visa  MasterCard  
Credit Card Number \_\_\_\_\_ Exp Date \_\_\_\_\_  
Signature \_\_\_\_\_

Please check here if you have a disability and require accommodation in order to fully participate in this activity. Someone from the planning committee will contact you to discuss your specific needs.

Please fill out registration card, detach and mail to:  
CME-UCDHSC-UMWOTO  
4200 East Ninth Avenue C -295  
Denver, CO 80262-0295

### Cochlear Implant Technology Update *Moderator: Thomas Roland*

4:15-4:35 p.m. MedEI Corporation – Darla Franz  
4:35-4:55 p.m. Advanced Bionics Corporation – Steven Staller  
4:55-5:15 p.m. Cochlear Americas – Christine Menapace  
5:15-6:15 p.m. Panel Discussion: Challenging CI Cases – Thomas Roland (Moderator), Bruce Gantz, Richard Miyamoto, Jay Rubinstein, Douglas Backous and Noel Cohen

### February 1, 2006 (Wednesday)

**Vestibular Mechanism** *Moderator: Stephen Cass*  
7:00-7:30 a.m. Auditory Function in Patients with Gentamycin Vestibular Ototoxicity – Owen Black  
7:30-8:00 a.m. VEMP Applications in the Clinical Population – Carol Foster  
8:00-8:30 a.m. Evaluation of the VOR Following Unilateral Gentamycin Ablation – Stephen Cass  
8:30-9:00 a.m. Neuronavigation in Neurotology – Peter Weber

### Audiology Research

*Moderator: Sandra Gabbard*  
7:00-7:25 a.m. Progressive and Late-Onset Sensorineural Hearing Loss in Childhood – Jamie Moushey  
7:25-7:50 a.m. Language Outcomes of Early-identified Children with Hearing Loss – Melissa Garafalo  
7:50-8:10 a.m. Developmental Outcomes for Spanish-Speaking Children with Hearing Loss – Rebecca Nelson  
8:10-8:35 a.m. Incidence and Prevalence of Auditory Neuropathy – Cory Portnuff  
8:35-9:00 a.m. Infant Speech Perception – Kristin Uhler & Tammy Fredrickson

### February 2, 2006 (Thursday)

**Tinnitus and Sound Perception** *Moderator: Jerry Northern*  
7:00-7:30 a.m. New Counseling and Sound Therapies for Tinnitus – Richard Tyler  
7:30-8:00 a.m. Speech Perception in Background Noise – Kathy Arehardt  
8:00-8:30 a.m. FM Systems for Young Children – Jennifer Barnes  
8:30-9:00 a.m. Electrophysiological testing and hearing aid fitting – Paul Kileny

5:15-5:45 p.m. Role of Superior Olivary Complex in Sound Localization: – Daniel Tollin  
5:45-6:15 p.m. Future Directions of Stem Cell Research – James Battey  
6:15-8:15 p.m. Welcome Wine and Cheese Party

### January 29, 2006 (Monday)

**Marion Downs Hearing Center Update** *Moderator: Marion Downs*  
7:00-7:25 a.m. Language Delays and Implications in Unilateral Hearing Loss – Arlene Stredler Brown  
7:25-7:50 a.m. Newborn Hearing Systems Update – Sandra Gabbard  
7:50-8:15 a.m. Statewide Student Outcome Data for Hard of Hearing – Cheryl Johnson  
8:15-8:40 a.m. Families for Hands and Voices National Update: – Janet DesGeorges  
8:40-9:00 a.m. Integrating Consumers and Support Services – Robert Baldwin

### Cochlear Implants I

*Moderator: Noel Cohen*  
4:15-4:35 p.m. Cochlear Implants, Pitch Perception, and Frequency Mapping – Christopher Turner  
4:35-5:05 p.m. Update on Acoustic and Electrical Speech Processing using Iowa/ Nucleus – Bruce Gantz  
5:05-5:30 p.m. New Strategies in Cochlear Implant Speech Processing – Jay Rubinstein  
5:30-5:55 p.m. Cochlear Implant Reliability Reporting – Douglas Backous  
5:55-6:15 p.m. Cochlear Implants in the Elderly – Jacques Herzog

### January 30, 2006 (Tuesday)

**Cochlear Implants II** *Moderator: Bruce Gantz*  
7:00-7:25 a.m. Oral Language Development in Children with Cochlear Implants – Susan Waltzman  
7:25-7:50 a.m. From Sign to Spoken Language: Evidence of a Lexical Piggyback in the Language of Deaf Children with Cochlear Implants – Christie Yoshinago-Itano  
7:50-8:15 a.m. Outcomes Data in Early Implanted Patients – Richard Miyamoto  
8:15-8:40 a.m. Management of Auditory Neuropathy/Dys-synchrony Patients with Cochlear Implants: Variation in Pre-implant Auditory Responses and a Review of Post-implant Performance – Linda Hood  
8:40-9:00 a.m. Future for Binaural Implants in Children – Noel Cohen

7:40-8:00 a.m. Management of the Neonatal Airway – The External Approach – Gregory Allen  
8:00-9:00 a.m. Panel Discussion: Difficult Cases in Pediatric Otolaryngology – Norman Friedman (moderator), Gregory Allen, Margaretha Casselbrant, Scott Manning

### Facial Plastic

*Moderator: John Campana*  
4:15-4:45 p.m. The Finesse Rhinoplasty – Tom Wang  
4:45-5:15 p.m. Management of the Severely Crooked Nose – John Frodel  
5:15-5:45 p.m. Office Based Cosmetic Procedures – Tom Wang  
5:45-6:15 p.m. Cosmetic Principles in Facial Reconstruction – John Frodel

### February 2, 2006 (Thursday)

6:30-7:00 a.m. Continental Breakfast

### General Otolaryngology

*Moderator: Mona Abaza*  
7:00-7:25 a.m. Use of Video Stroboscope in the Office – Mona Abaza  
7:25-7:50 a.m. Update on Sleep Medicine – Norman Friedman  
7:50-8:15 a.m. Update on the Status of Electronic Medical Records – Rodney Lusk  
8:15-8:40 a.m. Change and Conflict in the Healthcare Corporations – Martin Walsh  
8:40-9:00 a.m. Microlaryngeal Surgery for Benign Disease – Mark Courey

## Otology – Audiology Course Schedule (Preliminary)

### January 29, 2006 (Sunday)

**General Otology (Joint Session)** *Moderator: Herman A. Jenkins*  
7:00-7:20 a.m. Adaptation of Principles of the Toyota Production System to Improve Patient Safety in Otology – Douglas Backous  
7:20-7:40 a.m. Pediatric Controversies – Peter Weber  
7:40-8:00 a.m. Alloplastic Repair of the EAC: Long Term Follow-up and Lessons Learned – James Saunders  
8:00-9:00a.m. Panel Discussion: Management of Chronic Otitis Media and Cholesteatoma – Newton Coker (Moderator), James Saunders, Jacques Herzog, Peter Weber, Bruce Gantz, Douglas Backous

### Basic Ear Mechanisms

*Moderator: David Lim*  
4:15-4:45 p.m. Otoconia in Health and Disease – David Lim  
4:45-5:15 p.m. Neurotransmission at the Type I Hair Cell/Calyx Synapse – Katie Rennie

8:30-9:00 a.m. Novel Therapies in Thyroid Cancer – Douglas K. Trask

### Head & Neck Surgery II

*Moderator: John Song*  
4:15-4:45 p.m. Update on PET Scans in the Head and Neck – Tapan A. Padhya  
4:45-5:15 p.m. What's New in Head and Neck Reconstruction – Matthew Hanasono  
5:15-6:15 p.m. Panel discussion: Controversies in Head and Neck Surgery – John I. Song (Moderator), Tapan Padhya, Douglas Trask, Douglas Chepeha, Pramod Sharma, Michael Gibson, Mathew Hanasono

### Workshop

6:30-7:30 p.m. Percutaneous Gastrostomy – John Campana, John Song  
Registration Limited to 20 participants.

### January 31, 2006 (Tuesday)

6:30-7:00 a.m. Registration & Continental Breakfast

### Nasal and Sinus Disease I

*Moderator: Todd Kingdom*  
7:00-7:25 a.m. The Pathophysiology of Rhinosinusitis: New Concepts – Todd Kingdom  
7:25-7:50 a.m. The Role of Fungi in Rhinosinusitis – Richard Orlandi  
7:50-8:00 a.m. Questions and Discussion  
8:00-8:25 a.m. Management of the Frontal Sinus – Peter Hwang  
8:25-8:50 a.m. Endoscopic Management of CSF Leaks and Skull Base Defects – Michael Sillers  
8:50-9:00 a.m. Questions and Discussion

### Nasal and Sinus Disease II

*Moderator: Todd Kingdom*  
4:15-4:40 p.m. Biomaterials in Rhinology – Richard Orlandi  
4:40-5:05 p.m. Coding Issues in Rhinology – Michael Sillers  
5:05-5:30 p.m. Endoscopic Management of Neoplasms – Todd Kingdom  
5:30-6:15 p.m. Panel Discussion: Case Presentations in Rhinology – Todd Kingdom (moderator), Peter Hwang, Peter Orlandi, Michael Sillers

### February 1, 2006 (Wednesday)

6:30-7:00 a.m. Registration & Continental Breakfast

### Pediatric II

*Moderator: Norman Friedman*  
7:00-7:20 a.m. Otitis Media Update – Margaretha Casselbrant  
7:20-7:40 a.m. Applications of Guided Imaging in Temporal Bone Surgery – Rodney Lusk

## General Otolaryngology Course Schedule (Preliminary)

### January 28, 2006 (Saturday)

4:00-6:00 p.m. Registration at hotel lobby

### January 29, 2006 (Sunday)

6:30-7:00 a.m. Registration & Continental Breakfast

### General Otology (Joint Session)

*Moderator: Herman A. Jenkins*  
7:00-7:20 a.m. Adaptation of Principles of the Toyota Production System to Improve Patient Safety in Otology – Douglas Backous  
7:20-7:40 a.m. Pediatrics Controversies – Peter Weber  
7:40-8:00 a.m. Alloplastic Repair of the EAC: Long Term Follow-up and Lessons Learned – James Saunders  
8:00-9:00a.m. Panel Discussion: Management of Chronic Otitis Media and Cholesteatoma – Newton Coker (Moderator), James Saunders, Jacques Herzog, Peter Weber, Bruce Gantz, Douglas Backous

### Pediatric I

*Moderator: Kenny Chan*  
4:15-4:45 p.m. Dr. Sylvan E. Stool Memorial Lectureship: Chronic Cough in Children – Andrew Hotaling  
4:45-4:05 p.m. Management of the Pediatric Airway: The Internal Approach – Scott Manning  
4:05-5:25 p.m. Pediatric Otolaryngologic Infections: Emergence of Antibiotic-Resistant Strains – Patricia Yoon  
5:25-6:15 p.m. Panel Discussion: Controversies In Pediatric Sinus Surgery – Kenny Chan (moderator), Andrew Hotaling, Rodney Lusk, Scott Manning, Patricia Yoon  
6:15-8:15 p.m. Welcome Wine & Cheese Party

### January 30, 2006 (Monday)

6:30-7:00 a.m. Registration & Continental Breakfast

### Head & Neck Surgery I

*Moderator: John Song*  
7:00-7:30 a.m. Update on Current Clinical Trials for Head and Neck Cancer – Michael K. Gibson  
7:30-8:00 a.m. Management of Paragangliomas of the Head and Neck – Pramod Sharma  
8:00-8:30 a.m. Management of the Neck in SCCHN: Strategies and Considerations – Douglas Chepeha

