

***“Y’ALL IN THE FAMILY”***

**American Cleft Palate-Craniofacial Association**

***67<sup>th</sup> Annual Meeting***

**and Pre-Conference Symposia:**

***“Multidisciplinary Care of the Patient with Craniofacial Anomalies”***  
***“Nuts and Bolts for Team Care”***



**CALENDAR OF EVENTS  
AND  
REGISTRATION PACKET**

**March 15-20, 2010  
Omni Fort Worth Hotel  
Fort Worth, Texas**

Dear Colleagues and Friends,

I invite you to join me for the 67th Annual Meeting of the American Cleft Palate-Craniofacial Association at the new Omni Hotel in downtown Fort Worth, Texas on March 16-20, 2010.

“Y’all in the Family” is the theme for the meeting, and you will certainly want to experience the wonderful Texas hospitality of Fort Worth as the ACPA family gathers to once again learn from each other. Dr. Howard Saal and his program committee have done an outstanding job of putting together a fantastic multidisciplinary program focused on team care of individuals with cleft lip and palate and other craniofacial anomalies. With the family of our patients and our multidisciplinary team family as the focus, several panel discussions, the usual high quality scientific presentations, and many in depth study sessions will be of interest to all.

Kathy Sulik, PhD, an embryologist and teratologist from Chapel Hill, North Carolina will open the meeting with the D. Ralph Millard, Jr., MD Lecture. Dr. Sulik’s research has focused for almost 30 years on the mechanisms and pathogenesis of craniofacial malformations with a particular interest in modeling the embryology of human genetic syndromes. Her photographs of normal and abnormal embryologic development of the face are fascinating to see, and I am certain her presentation will be a great kick off to the meeting.

Joe Losee, MD and Peg Nopoulos, MD are the Co-Chairs of the 2010 Pre-Conference Symposium which will precede the annual meeting on March 15-16. This one and ½ day meeting is jointly sponsored by the American Society of Craniofacial Surgery and is entitled “Multidisciplinary Care of the Patient with Craniofacial Anomalies”. It will consist of a broad-based series of presentations from clinical care to research topics that will be of interest to all health care providers associated with the care and treatment of patients with craniofacial conditions. “Nuts and Bolts for Team Care” co-chaired by Janice Rockwood, RN,BSN and Karen Via, MSN,BSN, RN will once again be held for a ½ day on Tuesday afternoon March 16th.

Texas is a unique state and Fort Worth is about as Texas as you can get. The climate in late March is usually warm and spring like and its western, cowboy atmosphere is sure to lead to lots of the usual ACPA fun. Dianne Mulick-Altuna, MS and her local arrangements committee have found some great places for us to socialize. I suspect some of us might even be seen riding a mechanical bull or doing the Texas two step.

I look forward to welcoming the ACPA family to our 67th annual meeting in Fort Worth where we will once again learn from each other, renew old friendships and make new ones, and gain knowledge that will help our patients and their families.

Sincerely,

Isaac L. Wornom III, MD, FACS

2010 ACPA President

## WEEK AT A GLANCE

### FRIDAY, MARCH 12TH

4:00PM-7:00PM

Cleft Palate Foundation's

*Connections: A Conference for Parents and Patients*

Registration/Check In/Meet and Greet

### SATURDAY, MARCH 13TH

8:00AM-6:30PM

Cleft Palate Foundation's

*Connections: A Conference for Parents and Patients*

General Sessions and Roundtable Discussions

### SUNDAY, MARCH 14TH

4:00PM-7:00PM

ACPA 67th Annual Meeting and Pre-Conference

Symposia Registration

### MONDAY, MARCH 15TH

7:30AM-5:00PM

Registration

8:30AM-5:00PM

Pre-Conference Symposium I:

*Multidisciplinary Care of the Patient with Craniofacial Anomalies*

*Jointly sponsored with the American Society of Craniofacial Surgery (ASCFS)*

### TUESDAY, MARCH 16TH

8:00AM-7:30PM

Registration

8:30AM-12:00PM

Pre-Conference Symposium I (continued):

*Multidisciplinary Care of the Patient with Craniofacial Anomalies*

*Jointly sponsored with the American Society of Craniofacial Surgery (ASCFS)*

12:00PM-1:30PM

ACPA/CPF Committee Chair Luncheon

12:00PM-5:00PM

Pre-Conference Symposium II:

*Nuts and Bolts for Team Care*

1:30PM-6:00PM

ACPA/CPF Committee Meetings

4:00PM-6:00PM

Exhibit Set-up

6:30PM-9:00PM

ACPA/CPF Presidents' Welcoming Reception

### WEDNESDAY, MARCH 17TH

6:30AM-6:00PM

Registration

7:00AM-8:00AM

Eye Openers - Session I - Complimentary Eye Openers

7:00AM-5:00PM

Exhibits

7:20AM-8:30AM

Past Presidents' Breakfast

8:00AM-5:00PM

Poster Session A

Video Presentation

8:30AM-9:00AM

Opening General Session

9:00AM-10:00AM

General Session I - Keynote Address

10:30AM-12:30PM

General Session I - Continued

12:30PM-2:00PM

Lunch Break (On Your Own)

2011 Program Committee Meeting/Luncheon

CPCJ Editorial Board Luncheon - (Open only to Editor and Section Editors)

Ethics Roundtable - Registration Required (Optional Lunch Available)

2:00PM-3:30PM

General Session II - Family Decisions Panel

3:55PM-6:05PM

Show and Tell

7:30PM - 10:30PM

CPF "Good Sports" Event – Wine and Cheese Reception

### THURSDAY, MARCH 18TH

6:30AM-6:00PM

Registration

7:00AM-8:00AM

Eye Openers - Session II

7:00AM-5:00PM

Exhibits

8:00AM-5:00PM

Poster Session B

Video Presentation

8:00AM-10:00AM

Junior Investigator Session

10:30AM-11:45AM  
General Session III - The Craniofacial Camp Panel

12:00PM-2:00PM  
Annual Awards Luncheon

2:00PM-2:30PM  
Break-Exhibits / Poster Session B / Video Presentation

2:30PM-4:00PM  
Study Sessions - Group I (A-F)

4:00PM-4:30PM  
Break - Exhibits / Poster Session B / Coffee Break

4:30PM-6:00PM  
Study Sessions - Group II (G-L)

6:30PM-7:30PM  
ASHA Division 5 Reception

#### **FRIDAY, MARCH 19TH**

7:00AM-8:00AM  
ASCFS Breakfast

7:00AM-5:00PM  
Exhibits

7:30AM-5:30PM  
Registration

8:00AM-5:00PM  
Poster Session C

8:00AM-9:00AM  
General Session IV - Training

8:00AM-5:30PM  
Video Presentation

9:00AM-10:15AM  
ACPA Annual Business Meeting (ACPA members only)

10:00AM-10:30AM  
Break - Exhibits / Poster Session C / Video Presentation

10:30AM-12:00PM  
Concurrent Sessions (Group 1)  
Session I - ASCFS Part 1  
Session II - Orthodontics  
Session III - Craniofacial Biology 1  
Session IV - Psychosocial

12:00PM-1:30PM  
ACPA Second Executive Council Meeting / Lunch  
Lunch Break (On Your Own)

1:30PM-3:00PM  
Concurrent Sessions (Group 2)  
Session V - ASCFS II  
Session VI - Cleft Lip and Palate Surgery 1  
Session VII - Craniofacial Biology 2  
Session VIII - Speech Physiology

3:00PM-3:30PM  
Break - Exhibits / Poster Session C / Video Presentation

3:30PM-5:00PM  
Concurrent Sessions (Group 3)  
Session IX - Cleft Lip and Palate Surgery 2  
Session X - Neuroscience, Growth and Development  
Session XI - Genetics, Syndromes and Etiology  
Session XII - Technology

7:00PM-11:00PM  
ACPA 67th Annual Gala

#### **SATURDAY, MARCH 20TH**

7:30AM-12:30PM  
Registration

8:00AM-10:15AM  
General Session V - Optimizing Outcomes, Speech and the Burden of Care

8:00AM-10:00AM  
General Session VI - ASCFS Panel - Hemifacial Microsomia

10:45AM-12:00PM  
Closing General Session - International Treatment Panel

12:00PM-1:00PM  
ASHA Symposium Registration

1:00PM-5:30PM  
ASHA/ACPA Post-Conference Symposium for Speech-Language Pathologists - Practical Applications for Assessment and Treatment of Children with Cleft Palate Speech and Resonance Disorders

## 2010 PROGRAM COMMITTEE

Howard Saal, MD, chair  
Stephen Paul Beals, MD  
Canice Crerand, PhD  
Sean P. Edwards, MD, DDS, FRCDC  
Daniel B. Spagnoli, DDS, PhD

Lynn Fox, MA  
Robert J. Havlik, MD  
Jamie S. Idelberg, BS, RDH  
Michael P. Karnell, PhD

Janice F. Lalikos, MD, MA  
Andrew C. Lidral, DDS, PhD  
Kerry Callahan Mandulak, MA  
Mark P. Mooney, PhD

## 2010 LOCAL ARRANGEMENTS

Diane Mulick-Altuna, MS, chair  
Jeffrey A. Fearon, MD

Richard Y. Ha, MD  
Eric H. Hubli, MD

## NATIONAL OFFICE STAFF

Nancy C. Smythe, Executive Director  
Jeremy Baggish, Deputy Director  
Lisa Gist, MA, CPF Director of Family Services

Rafael Goldberg, Member Services Manager  
Morgan Gregson, CPF Administrator  
Hillary Jones, Administrative Assistant

Amatullah King, Meetings Coordinator  
Debbie Ogle, CPCJ Editorial Assistant

## GENERAL INFORMATION

The American Cleft Palate-Craniofacial Association is an interdisciplinary professional society with members from the fields of:

**Anatomy**

**Audiology**

**Coordination/Administration**

**Counseling**

**Dental Hygiene**

**Dietetics/Nutrition**

**Family Practice**

**General Dentistry**

**General Medicine**

**General Surgery**

**Genetics**

**Nursing**

**Neurosurgery**

**Oral/Maxillofacial Surgery**

**Orthodontics**

**Otolaryngology**

**Pediatrics**

**Pediatric Dentistry**

**Pediatric Surgery**

**Plastic Surgery**

**Prosthodontics/Prosthetics**

**Psychiatry/Neurology**

**Psychology**

**Radiology**

**Research**

**Social Work**

**Speech-Language Pathology**

The 2010 Scientific Program features general and concurrent specialty sessions, panel presentations, poster and video sessions, exhibits, study sessions, and eye openers.

## EDUCATIONAL OBJECTIVE

The overall educational objectives of the Annual Meeting are (1) to make concerned professionals aware of new clinical and research information through the organized presentation of original papers and poster sessions, and (2) to provide an opportunity for the involved professionals to update their knowledge and skills in their own and related disciplines. The main focus of all sessions is to address concerns of the patient with cleft lip, cleft palate or other craniofacial anomalies in order for the patient to achieve a more adequate physical, social, emotional, and vocational adjustment. Specific educational objectives for each component of the meeting are presented throughout the agenda.

## CONTINUING EDUCATION INFORMATION

### CONTINUING EDUCATION CREDITS:

	<u>ASHA</u>	<u>ACCME</u>	<u>Nursing</u>	<u>Instructional Level</u>
Convention	1.9 CEUs	19.25 hours	*	Variable
Study Sessions	0.1 CEU each	1.5 hours	*	Variable
Eye Openers	0.1 CEU each	1.0 hour	*	Variable
Pre-Conference Symposium I	.8 CEU	8.75 hours	-----	Intermediate
Pre-Conference Symposium II	.3 CEU	3.75 hours	-----	Intermediate

\* Contact hours have been applied for from the North Carolina Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

## AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION:



The American Cleft Palate-Craniofacial Association is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This program is offered for 3.5 CEUs (Various Levels, Professional Area).

**CONTINUING MEDICAL EDUCATION:** The American Cleft Palate-Craniofacial Association (ACPA) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

**Designation Statement:** The American Cleft Palate-Craniofacial Association designates this continuing medical education activity for a maximum of 36.75 category 1 credits toward the AMA Physician's Recognition Award. **Each physician should claim only those credits that he/she actually spent in the activity.**

**Faculty Disclosure Statements** It is the policy of ACPA to ensure fair balance, independence, objectivity, and scientific rigor in all its programs. Trade names are to be avoided during presentations. Presentations made at the Annual Meeting, in symposia, and other continuing medical educational activities sponsored by ACPA, in compliance with standards for accreditation by ACCME, must include information regarding off-label use(s) and all commercial or industrial funding, consulting, or equity holdings by the authors of this presentation and/or anyone related to the authors which could be affected by or could have an affect on the content of the presentation. This information will be disclosed to learners through statements in printed meeting materials and must be declared by the presenter at the beginning of his/her presentation. In addition, faculty are to disclose any discussion of off-label uses.

## **SATURDAY, MARCH 13TH**

**Connections: A Conference for Patients and Families** is also a unique opportunity for professionals! Come spend the day with us and . . .

- \* **Meet this year's Blessings-in-Disguise families.** Our experienced family panel will receive questions from young families about their parenting lives and cleft-care experiences.
- \* **Hear the Connections Team Panel,** representing the range of disciplines serving a treatment team and answering specific questions about team and specialists' care.
- \* **Join small-group discussions** with families and professionals. Content will focus on specific developmental issues throughout childhood and adolescence, as well as special-interest, round-table discussions focusing on genetics and craniofacial issues, management of speech development and therapy decisions and insurance and craniofacial care.

## **PRE-CONFERENCE SYMPOSIUM I**

**Monday, March 15th and Tuesday, March 16th**

**Jointly sponsored with the American Society of Craniofacial Surgery (ASCFS)**

**Additional support by Mohammad Mazaheri, MDD, DDS, MSc**

### **Multidisciplinary Care of the Patient with Craniofacial Anomalies**

This 2010 ACPA Pre-Conference program, jointly sponsored with the American Society of Craniofacial Surgery (ASCFS), is designed to be a broad-based series of presentations that range from clinical care to research topics. Examples of topics include the history of craniofacial surgery as well as current techniques and complications; neurosurgical issues; genetics; medical concerns; brain structure and function; speech concerns; orthodontic care; and research in craniofacial anomalies. The target audience includes all health care providers associated with the care of craniofacial patients as well as researchers interested in either basic aspects (genetics, pathoetiology) or clinical research (efficacy of treatment options, outcomes, services).

Attendees will have a comprehensive, yet introductory level exposure to all aspects germane to craniofacial anomalies and will gain appreciation of the challenge for multidisciplinary approaches to both clinical and research aspects of this field.

#### **Session Co-Chairs:**

*Joseph E. Losee, MD*

Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA

*Peg C. Nopoulos, MD*

University of Iowa – Department of Psychiatry

#### **Symposium Faculty:**

*Steven R. Buchman, MD*

Mott Children's Hospital, Ann Arbor, MI

*Franklyn Cladis, MD*

University of Pittsburgh, Pittsburgh, PA

*Amy L. Conrad, PhD*

The University of Iowa Hospitals and Clinics, Iowa City, IA

*Canice E. Crerand, PhD*

The Children's Hospital of Philadelphia  
Plastic & Reconstructive Surgery, Philadelphia, PA

*Michael L. Cunningham, MD, PhD*

Seattle Children's Craniofacial Center, Seattle, WA

*Alvaro A. Figueroa, DDS, MS*

Rush Craniofacial Center, Chicago, IL

*Matthew D. Ford, MS*

Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA

*Robert J. Havlik, MD* Indiana University Riley Hospital,  
Indianapolis, IN

*Richard A. Hopper, MD, MS*

Children's Hospital and Regional Medical Center,  
Seattle, WA

*Marilyn C. Jones, MD*

Rady's Children's Hospital of San Diego, San Diego, CA

*Henry K. Kawamoto, MD, DDS*

A Medical Corporation, Santa Monica, CA

*Gary F. Rogers, MD, MBA, MPH, JD*

Children's Hospital of Boston, Boston, MA

*David Sacco, MD*

Children's Medical Center Dallas, Dallas, TX

*James D. Sidman, MD*

Pediatric ENT Associates, Minneapolis, MN

*Steven Wall, MD*

John Radcliffe Hospital, Oxford, UK

*Stephen Warren, MD*

New York University School of Medicine, New York, NY

## **Monday, March 15th**

- 8:30AM **INTRODUCTION TO CRANIOFACIAL SURGERY**  
*Joseph Losee, MD*
- 8:45AM **30 YEARS OF CRANIOFACIAL SURGERY**  
*Henry Kawamoto, MD*
- 9:30AM **CRANIOFACIAL GENETICS: UPDATE**  
*Marilyn Jones, MD*
- 9:45AM **DISCUSSION**  
*Joseph Losee, MD*
- 10:00AM **BREAK**
- 10:30AM **MEDICAL CONCERNS: PEDIATRICS**  
*Michael Cunningham, MD*
- 11:00AM **AIRWAY ISSUES IN CRANIOFACIAL SURGERY: ENT**  
*James Sidman, MD*
- 11:30AM **DISCUSSION**  
*Peg Nopoulos, MD*
- 11:45AM **LUNCH ON YOUR OWN**
- 1:15PM **INTRACRANIAL PRESSURE IN CRANIOSYNOSTOSIS**  
*Steven Wall, MD*
- 1:45PM **NEUROSURGICAL ISSUES IN CRANIOFACIAL SURGERY**  
*David Sacco, MD*
- 2:15PM **DISCUSSION**  
*Joseph Losee, MD*
- 2:30PM **BRAIN STRUCTURE AND FUNCTION IN CRANIOFACIAL PATIENTS**  
*Peg Nopoulos, MD*
- 3:00PM **COGNITIVE FUNCTION IN CRANIOFACIAL PATIENTS**  
*Amy L. Conrad, PhD*
- 3:15PM **DISCUSSION**  
*Joseph Losee, MD*
- 3:30PM **BREAK**
- 4:00PM **PSYCHOSOCIAL IMPACT OF CRANIOFACIAL ANOMALIES**  
*Canice E. Crerand, PhD*
- 4:25PM **SPEECH CONCERNS IN PATIENTS WITH CRANIOFACIAL ANOMALIES**  
*Matthew Ford, MS*
- 4:45PM **DISCUSSION**  
*Peg Nopoulos, MD*

## **Tuesday, March, 16th**

8:30AM-12:00PM

- 8:30AM **BLOOD CONSERVATION IN CRANIOFACIAL SURGERY**  
*Franklyn Cladis, MD*
- 8:45AM **PRIMARY SURGERY: CONVENTIONAL TECHNIQUES**  
*Robert Havlik, MD*
- 9:15AM **PRIMARY SURGERY: ENDOSCOPIC TECHNIQUES**  
*Gary Rogers, MD*
- 9:45AM **DISCUSSION**  
*Joseph Losee, MD*
- 10:15AM **BREAK**
- 10:30AM **ORTHODONTIC THERAPY IN CRANIOFACIAL SURGERY**  
*Al Figueroa, DDS*
- 10:45AM **TREATMENT PROTOCOLS SYNDROMIC CRANIOSYNOSTOSIS**  
*Steven R. Buchman, MD*
- 11:15AM **COMPLICATIONS OF CRANIOFACIAL SURGERY**  
*Richard Hopper, MD*
- 11:30AM **RESEARCH IN CRANIOFACIAL ANOMALIES**  
*Stephen Warren, MD*
- 11:45AM **DISCUSSION**  
*Peg Nopoulos, MD*

### **PRE-CONFERENCE SYMPOSIUM II - NUTS & BOLTS FOR TEAM CARE**

## **Tuesday, March, 16th**

**Session Co-Chairs:** Janice R. Rockwood, RN, BSN, and Karen B. Via, MSN, BSN, RN

**12:00PM LUNCH**

**1:00PM WELCOME**

**1:05PM PROTOCOL DEVELOPMENT FOR THE CRITICAL AIRWAY PATIENT: A NURSING PERSPECTIVE**  
*Elena M. Hopkins, RN, MS, PNP*

**1:15PM EVOLUTION OF RECOVERY FROM TONGUE REDUCTION SURGERY**  
*DeAnn A. Wilson, BSN, RN*

**1:25PM QUALITY OF LIFE IN CHILDREN WITH CLEFT LIP AND CLEFT PALATE AFTER OPERATION**  
*Darawan Augsornwan*

**1:35PM DISCUSSION**

**1:50PM FAMILY SUPPORT PROGRAMS FOR YOUTH WITH CLEFT LIP AND PALATE: LESSONS LEARNED AND FUTURE DIRECTIONS**  
*Patricia Marik, PsyD, Adriane Baylis, PhD*

**2:00PM TRANSITION FROM CAMPER TO ROLE MODEL: AN EVALUATION OF THE LEADER-IN-TRAINING SUMMER CAMP PROGRAM FOR CHILDREN WITH CRANIOFACIAL CONDITIONS**

*Dawn Leavitt, RN, Marsha Ose, RN, Cassandra Aspinall, SW, Ashley Sorensen, SW, Hillary Carey, BA, Carrie Heike*

**2:10PM CREATING AND USING A COLORING BOOK TO HELP FAMILIES PREPARE THEIR CHILDREN FOR SURGERY**

*Ann Lindahl, Leslie Lobel-Juba, MSW*

**2:20PM DISCUSSION**

**2:35PM COMPASSION FATIGUE: THE COST OF CARING**

*Terri D. McCaffrey, RN, MA, CNS*

**2:45PM READABILITY OF CRANIOFACIAL TEAM CORRESPONDENCE LETTERS**

*Danielle Dahle, BA, Jeffrey M. Karp, DMD, MS, Peter F. Koltz, MD, Christine O. Emerson, PNP, John A. Giroto, MD*

**2:55PM HEALTH MAINTENANCE FOR THE INTERNATIONALLY ADOPTED CHILD WITH CLEFT**

*K.A. Haynes*

**3:05PM DISCUSSION & REFRESHMENTS**

**3:30PM "HOW WE DO IT"**

*Patricia D. Chibbaro, RN, MS, CPNP, Moderator*

**4:45PM DISCUSSION & EVALUATION**

**5:00PM ADJOURN**

## **67th ANNUAL MEETING OF THE AMERICAN CLEFT PALATE-CRANIOFACIAL ASSOCIATION**

### **Tuesday, March 16th**

8:30AM-12:00PM

PRE-CONFERENCE SYMPOSIUM I (CONTINUED):

*MULTIDISCIPLINARY CARE OF THE PATIENT WITH CRANIOFACIAL ANOMALIES*

*JOINTLY SPONSORED WITH THE AMERICAN SOCIETY OF CRANIOFACIAL SURGERY (ASCFS)*

12:00PM-1:30PM

ACPA/CPF COMMITTEE CHAIR LUNCHEON

12:00PM-5:00PM

PRE-CONFERENCE SYMPOSIUM II:

*NUTS AND BOLTS FOR TEAM CARE*

1:30PM-6:00PM

ACPA/CPF COMMITTEE MEETINGS

4:00PM-6:00PM

EXHIBIT SET-UP

6:30PM-9:00PM

ACPA/CPF PRESIDENTS' WELCOMING RECEPTION

### **Wednesday, March 17th**

6:30AM-6:00PM

REGISTRATION, POSTER SESSION A, EXHIBITS, VIDEO PRESENTATION

7:00AM-8:00AM

EYE OPENERS - SESSION I - COMPLIMENTARY EYE OPENERS

7:00AM-5:00PM

EXHIBITS

7:20AM-8:30AM

PAST PRESIDENTS' BREAKFAST

8:00AM-5:00PM

POSTER SESSION A

VIDEO PRESENTATION

8:30AM-9:00AM

OPENING GENERAL SESSION

9:00AM-10:00AM

GENERAL SESSION I - KEYNOTE ADDRESS

10:30AM-12:30PM

GENERAL SESSION I - CONTINUED

12:30PM-2:00PM

LUNCH BREAK (ON YOUR OWN)

2011 PROGRAM COMMITTEE MEETING/LUNCHEON

CPCJ EDITORIAL BOARD LUNCHEON - (OPEN ONLY TO EDITOR AND SECTION EDITORS)

ETHICS ROUNDTABLE - REGISTRATION REQUIRED (OPTIONAL LUNCH AVAILABLE)

2:00PM-3:30PM

GENERAL SESSION II - FAMILY DECISIONS PANEL

3:55PM-6:05PM

SHOW AND TELL

7:30PM-10:30PM

CPF "Good Sports" Event - Wine and Cheese Reception

### **COMPLIMENTARY EYE OPENERS - SESSION I**

7:00AM-8:00AM

#### **Instruction Level**

B=Beginner

I=Intermediate

A=Advanced

V=Varied

#### **Format**

L=Lecture

H=Hands-on

P=Panel

R=Roundtable

**1**

#### **1 CLINICAL DATA STANDARDS: AN EXTENSION FROM THE PARAMETERS OF CARE DOCUMENTATION**

The ACPA Database Committee is currently attempting to address members' concerns over the lack of agreed data collection targets for clinical care. The committee has developed a data standards framework based upon the ACPA's Parameters of Care documentation and will be seeking members' input to identify these data standards. This presentation will allow members to gain an understanding of this process so that they will be better informed about how to participate within their areas of expertise. (V, L)

*David A. Fitzsimons, BS*

**2**

#### **2 THE AMERICLEFT PROJECT: GUIDELINES FOR PARTICIPATION IN COLLABORATIVE INTERCENTER OUTCOMES STUDIES**

This Eye Opener will provide attendees with information useful in preparing for participation in intercenter outcome studies, based on the experiences of those who have already successfully executed such studies in the Eurocleft and Americleft Projects. The steps necessary to initiate those Projects, necessary records and methodologies to ensure scientifically valid and reliable comparisons will be outlined. (I, P)

*Ross E. Long Jr., DMD, PhD, John Daskalogiannakis DDS, Ronald R. Hathaway, DDS, MS, Ana Mercado, DMD, PhD, Manish Lamichane, DDS, MS, Kathleen Russell, DDS, MSc, Judith Trost-Cardamone, PhD, Kathy Chapman, PhD, Debbie Sell, PhD*

**3**

**3 CHALLENGING CASE STUDIES IN VELOPHARYNGEAL MANAGEMENT**

Over the past ten years, Cleft Lip and Palate/Craniofacial teams have worked to enhance team care by increasing their focus on family centered, collaborative decision making. ASHA DIVISION 5, Oral Facial Disorders will present challenging VPD cases from several teams in both video and audio format. Each presentation will provide a detailed history, identify options for treatment strategies, consider "best practices", and specify medical/speech/ family concerns for all treatment options. Attendees will add to the discussion, decision making and offer alternative treatment strategies. (I, P)

*Judith LeDuc, MA, Dianne Mulick-Altuna, MS, Adriane Baylis, PhD, Mary Berger, MS, Judith Trost-Cardamone, PhD*

**4**

**4 TEAM APPROVAL PROCESS: CAT 101, IT'S NOT AS SCARY AS IT LOOKS!**

An overview of the team approval application will be presented. There will be particular emphasis placed on questions requiring explanations relative to a team's total quality improvement process and measures of treatment and protocol outcomes. The major problems encountered by the pilot and first region teams completing the assessment tool will be discussed together with strategies offered to these teams to aid in addressing specific areas of concern such as outcome measures of a team's procedures. Audience participation will be encouraged. Individuals attending this course will be able to discuss the goals of the application process and list areas of concern for their team that might be encountered during the application process. (B, L)

*Marilyn A. Cohen, BA*

**5**

**5 MANUSCRIPT PREPARATION**

This eye-opener will be given by members of the CPCJ Editorial Board. Section editors from a variety of disciplines will discuss what constitutes a good scientific manuscript, what kind of manuscripts are accepted, and what is required by the CPCJ. Common problems in manuscript preparation, and weaknesses of submitted manuscripts will be discussed. (V, L)

*Arshad Muzaffar, MD, Editor, and members of the CPCJ Editorial Board*

**OPENING GENERAL SESSION**

8:30AM-9:00AM

**Welcome and Opening Remarks**

*Isaac L. Wornom, III, MD, ACPA President*

*Howard M. Saal, MD, ACPA Vice President and Program Committee Chair*

*Dianne J. Mulick-Altuna, MS, Local Arrangements Chair*

*Earl J. Seaver, PhD, President, Cleft Palate Foundation*

**GENERAL SESSION I - KEYNOTE ADDRESS - KATHY SULICK**

9:00AM-10:00AM

**THE D. RALPH MILLARD, JR., MD LECTURESHIP**

*Sponsored by The Millard Society*

**Objective:** Attendees will be able to understand the embryology of normal facial development as it relates to lip and palate especially with regard to orofacial clefting.

**Session Chair:** Isaac L. Wornom, III, MD

**Session Co-Chair:** Howard M. Saal, MD



## **New Views on Normal and Abnormal Facial**

Dr. Sulik will present an overview of normal facial embryonic development and description of the genesis of both commonly occurring and unusual orofacial clefts, illustrating the complex array of human facial growth centers that are present at early prenatal stages and the positional relationship of these centers to typical and unusual orofacial clefts.

Dr. Sulik will describe her research with colleague, Robert J. Lipinski Ph.D., utilizing mouse models for examination of the genesis of cleft lip and palate following exposure to hedgehog signaling antagonists, and she will illustrate the wide range of clefting subtypes that result from insult occurring during the narrow window of embryonic development that corresponds to the 3rd to 4th weeks of human prenatal development.

Dr. Sulik will also discuss the application of new technologies for examination of concurrent facial and Central Nervous System insult and for identification of face shape alterations in non-cleft, teratogen-exposed subjects.

*Kathleen K. Sulik, Ph.D. is a Professor of Cell and Developmental Biology and a member of the Bowles Center for Alcohol Studies at the University of North Carolina, Chapel Hill, NC. She received her BS from Drake University in 1970, and her PhD in Anatomy from The University of Tennessee in 1976. Her postdoctoral training was in the field of teratology at the University of North Carolina (1976-1978). Research conducted by Dr. Sulik and her students has focused on understanding the cellular mechanisms underlying birth defects, with a major emphasis on the brain and face. Using animal model systems, the majority of work in the Sulik laboratory has been on abnormalities caused by maternal alcohol use. Dr. Sulik has authored over 200 publications. In 1995-6 she served as the president of the Teratology Society and in 2004-5 as President of the Research Society on Alcoholism Fetal Alcohol Syndrome Study Group (FASSG). In 2007 she received the NOFAS Excellence award for her pioneering research and distinguished contributions to the FAS field; and in 2009 she was presented the Henry Rosett award by the FASSG for her career achievements.*

### **GENERAL SESSION I (CONTINUED)**

10:30AM-12:30PM

**Goal:** To develop an understanding of cleft and craniofacial research as it relates to different ages and stages of the life cycle.

**Objective:** Attendees will be able to identify the contributions of at least three healthcare disciplines as they relate to diagnosis and treatment of craniofacial disorders and orofacial clefts.

**Session Chair:** Michael J. Buckley, DMD, MS, MBA

**Session Co-Chair:** Jerald B. Moon, PhD

**6**

10:30AM **MORPHOLOGY AND GROWTH OF THE PRENATAL HUMAN MANDIBLE STUDIED BY 3D ULTRASOUND**  
*Hermann, Darvann, Sundberg, Kreiborg, Jørgensen*

**7**

10:40AM **ECONOMIC ADVANTAGES TO NEONATAL DISTRACTION DECISION TREE MODEL**  
*Kohan, Hazany, Vyas, Katchikian, Bradley*

**8**

10:50AM **OUTCOME OF A RANDOMIZED CLINICAL TRIAL COMPARING FURLOW TO LANGENBECK PRIMARY PALATOPLASTY IN UCLP**  
*Brosco, Pegoraro-Krook, Dutka, Osawa*

11:00AM **DISCUSSION**

- 9**  
11:10AM **EXAMINING THE USE OF POSTOPERATIVE RESTRAINTS IN CHILDREN AFTER CLEFT LIP AND/OR PALATE REPAIR**  
*Lehman, Huth*
- 10**  
11:20AM **LONGITUDINAL STUDY OF GROWTH OF CHILDREN WITH UNILATERAL CLEFT LIP AND PALATE FROM 2 TO 10 YEARS OLD**  
*Marques, Borgo, Martinelli, Nackashi, Pegoraro-Krook, Williams, de Souza*
- 11**  
11:30AM **PARENT PERCEPTIONS OF STIGMA OUTCOMES AND QUALITY OF LIFE AMONG SCHOOL-AGED CHILDREN WITH AND WITHOUT CLEFT LIP/PALATE**  
*Cassell, Strauss, White, Howell, Meyer*
- 11:40AM **DISCUSSION**
- 12**  
11:50AM **ORTHOGNATHIC SURGERY IMPROVING QUALITY OF LIFE FOR ADOLESCENTS**  
*Bellucci, Barr, Kapp-Simon, Patel*
- 13**  
12:00PM **AN EXPANSION OF THE AMERICLEFT INTERCENTER COMPARISON OF DENTAL ARCH RELATIONSHIPS TO INCLUDE A CENTER USING NAM +/- GPP AS PART OF ITS PRIMARY PROTOCOL**  
*Peanchitlertkajorn, Russell, Daskalogiannakis, Lamichane, Mercado, Hathaway, Long, Gregory*
- 14**  
12:10PM **FAMILY CARE STARTS AT HOME: THE ROLE OF TEAM SELF-EVALUATION IN IMPROVING THE QUALITY OF TEAM FUNCTIONING**  
*Fox, Stein, Van Aalst, Zajac, Stone, Young, Chastan*
- 12:20PM **DISCUSSION**
- 12:30PM- LUNCH BREAK (ON YOUR OWN)  
2:00PM 2011 PROGRAM COMMITTEE MEETING/LUNCHEON  
CPCJ EDITORIAL BOARD LUNCHEON - (OPEN ONLY TO EDITOR AND SECTION EDITORS)  
ETHICS ROUNDTABLE - REGISTRATION REQUIRED (OPTIONAL LUNCH AVAILABLE)

#### **GENERAL SESSION II - FAMILY DECISIONS PANEL**

2:00PM-3:30PM

**Goal:** To create an awareness of the decisions required for managing children with craniofacial disorders.

**Objective:** Attendees will be able to identify the challenges for families, caretakers and healthcare professionals in providing care to children with complex craniofacial needs.

**Session Chair:** Marilyn A. Cohen, BA, LSLP

- 15**  
2:00PM **FAMILIES MAKING DIFFICULT DECISIONS - THE CHALLENGES OF CRANIOFACIAL CARE**  
*Cohen, Costello, Drake, Hathaway, Havlik, Kummer*

#### **SHOW AND TELL**

3:55PM-6:05PM

**Goal:** To provide a forum for sharing new ideas, techniques, care presentations, and research findings related to the management of patients with cleft and craniofacial conditions.

**Objective:** Attendees will be able to identify three innovations or new techniques that may be applied to their treatment or research of patients with cleft and craniofacial conditions.

**Session Chair:** Michael P. Karnell, PhD

**Session Co-Chair:** Sean P. Edwards, MD, DDS, FRCDC

3:55PM **INTRODUCTION**

**16**

4:00PM **LONG TERM SPEECH OUTCOME ANALYSIS OF UVULAR TRANSPOSITION**

*David, Argenta*

**17**

4:05PM **THE BOCA CLEFT LIP REPAIR**

*Gordon, Uribe-Rivera, Gordon, Billmire*

**18**

4:10PM **QUANTIFICATION OF SPATIALLY DETAILED 3D FACIAL ASYMMETRY: A METHOD AND TWO EXAMPLE APPLICATIONS**

*Darvann, Hermann, Larsen, Demant, Ólafsdóttir, Kane, Govier, Lipira, Lo, Kreiborg*

**19**

4:15PM **A MULTIDISCIPLINARY PERIOPERATIVE AIRWAY PROTOCOL FOR PATIENTS WITH CRANIOFACIAL ANOMALIES**

*Hall, Hopkins, Schendel*

**20**

4:20PM **SALVAGE TECHNIQUE FOR FAILED PHARYNGOPLASTY USING AN ALLODERM RING**

*Kelly, Plikaitis, Blalock, David, Argenta*

**21**

4:25PM **BILAMINAR RESORBABLE FIXATION WITH A NEW ALIGNMENT RIVETING CLAMP (NARC)**

*Carpenter, Abbott, Goodrich, Staffenberg*

**22**

4:30PM **PALATAL ADHESION - AN ADJUNCT APPROACH TO CLEFT PALATE REPAIR**

*Morales, Aboutanos, Blocksom*

**23**

4:35PM **ASSESSMENT OF GROWTH PROFILES IN CHILDREN AND ADOLESCENTS WITH CLEFTS**

*Fargione, Koltz, Lakin, Girotto*

**24**

4:40PM **OCULOauriculofrontonasal SYNDROME: A CASE SERIES AND DESCRIPTION OF DISTINCTIVE NASAL BONE ANOMALIES**

*Evans, Gruss, Khanna, Cunningham, Hing*

**25**

4:45PM **EAR MOLDING FOR CONGENITAL EAR DEFORMITIES: NONSURGICAL TREATMENT, AN INTERSECTION OF ORTHODONTIC AND PLASTIC SURGERY COLLABORATION**

*Caterson, Grayson*

**26**

4:50PM **APLASIA CUTIS CONGENITA: TREATMENT ALGORITHM OF A RARE CONGENITAL ANOMALY**

*Bharti, David, Argenta, Groves, Sanger*

**27**

4:55PM **WHO IS THE TOUGHEST CRITIC? RATING AESTHETIC OUTCOMES OF CLEFT LIP**

## **REPAIR**

*Koltz, Shaw, Emerson, Girotto*

**28**

5:00PM **A MUSCLE SPARING TECHNIQUE FOR THE EXCISION OF LIP PITS**

*Carpenter, Staffenberg*

**29**

5:05PM **USING MAGNETIC RESONANCE IMAGING AND COMPUTER MODELING TO EVALUATE SUBMUCOUS CLEFT PALATE**

*Perry, Kuehn, Bailey, Wachtel*

**30**

5:10PM **SURGICAL MANAGEMENT OF FRONTAL PLAGIOCEPHALY CAUSED BY UNILATERAL FRONTOSPHEOIDAL SYNOSTOSIS**

*Kirman, Thompson*

**31**

5:15PM **DISTRACTION OSTEOGENESIS OF THE PALATE: A METHOD FOR CLOSURE OF LARGE ANTERIOR FISTULAS**

*Menezes, Moxley*

**32**

5:20PM **USE OF 3D VIRTUAL PLANNING SOFTWARE AND FREE FIBULA FLAP IN PREMAXILLARY RECONSTRUCTION OF A PATIENT WITH BILATERAL CLEFT LIP AND PALATE**

*Kelley, Da Silveira*

**33**

5:25PM **USE OF A NASAL SPRING IN PATIENTS WITH INCOMPLETE CLEFT LIP AND PALATE**

*Peanchitlertkajorn*

**34**

5:30PM **SURGICAL CORRECTION OF SOFT TISSUE SAGITTAL DEFICIENCIES IN THE REPAIRED CLEFT LIP: THE PALMARIS LONGUS TENDON GRAFT**

*Jarrah, Bradley, Kawamoto*

**35**

5:35PM **COMPLICATED MANAGEMENT OF POLYOSTOTIC FIBROUS DYSPLASIA OF THE CRANIOFACIAL SKELETON IN A PATIENT WITH MARFAN'S SYNDROME: AN UNUSUAL PRESENTATION**

*Morales, Aboutanos*

**36**

5:40PM **ENDOSCOPIC STRIP CRANIECTOMY AND POSTOPERATIVE HELMET MOLDING THERAPY FOR SAGITAL SYNOSTOSIS**

*Ridgway, Berry-Candelario, Rogers, Proctor*

**37**

5:45PM **SOLVING CONVERGENT VECTOR PROBLEMS WITH INTERNAL MAXILLARY DISTRACTORS THROUGH THE USE OF A FIXED RAPID PALATAL EXPANDER**

*Yen, Hammoudeh, Lypka*

**38**

5:50PM **TWELVE YEARS OF EXPERIENCE WITH NASOPHARYNGEAL INTUBATION IN SEVERE CASES OF ISOLATED ROBIN SEQUENCE**

*Marques, Brosco*

5:55PM **39**  
**IMPROVING CRANIOFACIAL SURGERY ON BOARD A MILITARY HOSPITAL SHIP:  
REMOTE FOLLOW UP AFTER A HUMANITARIAN MISSION**

*Kumar*

6:00PM **40**  
**THE ROLE OF THE PEDIATRIC DENTIST IN MULTIDISCIPLINARY CLEFT PALATE  
TEAMS AS REPORTED BY TEAMS LISTED WITH THE AMERICAN CLEFT  
PALATE – CRANIOFACIAL ASSOCIATION**

*Giroto*

7:30PM- 10:30PM CPF "GOOD SPORTS" EVENT - WINE AND CHEESE RECEPTION

## **Thursday, March 18th**

6:30AM-6:00PM  
REGISTRATION

7:00AM-8:00AM  
EYE OPENERS - SESSION II

7:00AM-5:00PM  
EXHIBITS

8:00AM-5:00PM  
POSTER SESSION B

8:00AM-10:00AM  
JUNIOR INVESTIGATOR SESSION

### **THURSDAY, MARCH 18TH (CONTINUED)**

8:00AM-5:00PM  
VIDEO PRESENTATION

10:30AM-11:45AM  
GENERAL SESSION III - THE CRANIOFACIAL CAMP PANEL

12:00PM-2:00PM  
ANNUAL AWARDS LUNCHEON

2:00PM-2:30PM  
BREAK-EXHIBITS / POSTER SESSION B / VIDEO PRESENTATION

2:30PM-4:00PM  
STUDY SESSIONS - GROUP I (A-F)

4:00PM-4:30PM  
BREAK - EXHIBITS / POSTER SESSION B / COFFEE BREAK

4:30PM-6:00PM  
STUDY SESSIONS - GROUP II (G-L)

6:30PM-7:30PM  
ASHA DIVISION 5 RECEPTION

## EYE OPENER SESSION II

7:00AM-8:00AM

*\*Separate registration fee required.*

Instruction Level	Format
B=Beginner	L=Lecture
I=Intermediate	H=Hands-on
A=Advanced	P=Panel
V=Varied	R=Roundtable

- 41**  
7:00AM **6. A COLLABORATIVE CARE PROGRAM FOR SPEECH-LANGUAGE PATHOLOGISTS**  
This session describes an innovative collaborative care program, in which the community and team SLPs, with the patient and parent, participate in joint listening tasks, develop treatment plans, discuss therapy techniques, and share ideas. The community SLP receives ASHA CEUs, the parent becomes a partner in the child's therapy, and the time spent is billable for the team SLP. Objective: Participants will describe the process of producing their own collaborative care program. (V, L)  
*Lynn Marty Grames, MA, Anne Bedwinek, PhD*
- 42**  
7:00AM **7. OROPHARYNGEAL ANOMALIES: EFFECTS ON SPEECH AND RESONANCE**  
Speech and resonance can be affected by various oral anomalies, pharyngeal anomalies and malocclusion. Structural anomalies can result in obligatory errors (where the function is normal but the presence of the anomaly itself causes speech distortion) or compensatory errors (where function changes in response to the structure). Differential diagnosis is important so that treatment can be managed appropriately and family members can be given the right information to form realistic expectations. (I, L)  
*Ann Kummer, PhD*
- 43**  
7:00AM **8. PREVENTION OF DENTAL CARIES THROUGH CRANIOFACIAL TEAM FLUORIDE VARNISH PROGRAMS**  
This eye opener session will educate craniofacial team members and coordinators about the scientific evidence base supporting topical fluoride varnish applications for preventing dental caries in children. Registrants will learn how to apply fluoride varnish in children with craniofacial differences. A state-by-state review of reimbursement policies for its use in non-dental offices will be addressed. Registrants will foster their knowledge of how to start fluoride varnish programs in their cleft and craniofacial teams. (I, L)  
*Jeffrey Karp, DMD, MS, Alvin Amante, DMD, John Giroto, MD*
- 45**  
7:00AM **9. EAR MOLDING: NONSURGICAL CORRECTION OF AURICULAR DEFORMITIES**  
Congenital deformation of one or both auricles is a relatively frequent phenomenon. Nonsurgical correction of auricular deformities by splinting may be attempted in the neonatal period with excellent results, no discomfort, and minimal expense. The etiology, types, and treatment of auricular deformities will be reviewed. The aim of this presentation is to discuss the utility of nonsurgical correction of mild to moderate ear deformities and how this service can be offered by a cleft-craniofacial team. (V, L)  
*Lisa Vecchione, DMD*
- 46**  
7:00AM **10. THE NORTH THAMES CLEFT CENTRE PROTOCOL FOR CLEFT CARE**  
The North Thames Cleft Centre, based at Great Ormond Street Hospital for Children, London, has a well-established protocol which differs in many features from most centres in North America. Extensive outcome studies have demonstrated results for speech and maxillary growth which compare favourably with other centres.  
  
The protocol and rationale will be presented by team members for discussion. (V, P)  
*Brian Sommerlad, MD, Loshan Kangesu, FRCS, Debbie Sell, PhD, Marie Pinkstone, Dr. Jo Shearer, Michael Mars, DSc, PhD, DS, DOrth, Norman Hay, Dr. Raouf Chorbachi, Alex Habel, MBChB, Val Pereira, Julie Hughes*

## **JUNIOR INVESTIGATOR SESSION**

8:00AM-10:00AM

**Goal:** To encourage and support multidisciplinary research by investigators in or recently graduated from training programs dealing with cleft and craniofacial evaluation and treatment.

**Objective:** Attendees will be able to identify and discuss three research questions related to cleft and craniofacial care.

**Session Chair:** Sidney B. Eisig, DDS

**Session Co-Chair:** Gregory E. Lakin, MD

**47**

8:00AM **ASSESSING THE EFFICACY OF INTERVAL CRANIOPLASTY FLAPS IN VIVO AND IN VITRO**

*Sultan, Schachar, Davidson, Butala, Knobel, Witek, Ricci, Saadeh, Warren*

**48**

8:10AM **SERIAL HEAD CIRCUMFERENCE AND NEURODEVELOPMENTAL SCREENING AFTER SURGICAL CORRECTION FOR SINGLE- AND MULTIPLE-SUTURE CRANIOSYNOSTOSIS**

*Carlisle, Sykes, Mehta, Singhal*

**49**

8:20AM **ASSOCIATED FACTORS FOR HYPONATREMIA IN SURGICAL CORRECTION OF CRANIOSYNOSTOSIS IN CHILDREN**

*Bykowski, Naran, Grunwaldt, Schmitt, Moritz, Pollack, Losee, Cladis*

8:30AM **DISCUSSION**

**50**

8:40AM **DOES SIDE OF CLEFT MATTER? PRELIMINARY EVIDENCE FOR THE DIFFERENTIAL EFFECTS OF LEFT AND RIGHT CLEFTS ON BRAIN STRUCTURE AND RELATED BEHAVIOR**

*van der Plas, Nopoulos*

**51**

8:50AM **THREE-DIMENSIONAL UPPER AIRWAY SPACIAL CHANGES FOLLOWING ORTHOGNATHIC SURGERY FOR PATIENTS WITH CLASS III MALOCCLUSION**

*Groh, Zhao, O'Gara, Curtis, Monahan, Morris, Patel*

**52**

9:00AM **CRITICAL ANALYSIS OF CONSECUTIVE UNILATERAL CLEFT LIP REPAIRS: DETERMINING IDEAL SAMPLE SIZE**

*Power, Matic*

9:10AM **DISCUSSION**

**53**

9:20AM **MESODERMAL ROLE IN MANDIBULAR DEVELOPMENT**

*Carpenter, Aggarwal, Morrow*

**54**

9:30AM **IRF6 AS A DOWNSTREAM EFFECTOR OF  $\beta$  SIGNALING IN PALATOGENESIS: IN UTERO SOMATIC DELIVERY OF AD-IRF6 RESCUES THE PALATAL FUSION DEFECT IN  $\beta$  KO MICE**

*Wu, Yang, Salhab, Kirschner, Nah*

**55**

9:40AM **IN VITRO ASSESSMENT OF OSTEOBLAST BEHAVIOR IN INFANTS WITH CRANIOSYNOSTOSIS**

*Cypel, Leong, Pang, Dirks, Forrest*

9:50AM **DISCUSSION**

10:00AM **COFFEE BREAK AND JUNIOR INVESTIGATOR AWARD PANEL MEETING**

## **GENERAL SESSION III - THE CRANIOFACIAL CAMP PANEL**

10:30AM-11:45AM

**Goal:** To present information regarding the role of camping experiences in the care of children with craniofacial and oral clefting disorders.

**Objective:** Attendees will be able to understand how a camp can be an important experience for children with craniofacial disorders and their families.

**Session Chair:** Dawn K. Rothchild, MSN, PCNS- BC

**56**

10:30AM **THE CRANIOFACIAL CAMP EXPERIENCE**

*Rothchild, Idelberg, Bonneteau, Dixon-Wood, Fox, Yenatska, Ose, Dixon, Dunckley*

11:30AM **DISCUSSION**

11:45AM **BREAK FOR LUNCH**

## **ANNUAL AWARDS LUNCHEON**

12:00PM - 2:00PM

Presentation of ACPA and CPF awards and scholarships.

## **BREAK - EXHIBITS / POSTER SESSION B / VIDEO PRESENTATION**

2:00PM - 2:30PM

## **STUDY SESSIONS**

*\*Separate registration fee required.*

<b>Instruction Level</b>	<b>Format</b>
B=Beginner	L=Lecture
I=Intermediate	H=Hands-on
A=Advanced	P=Panel
V=Varied	R=Roundtable

## **STUDY SESSIONS - GROUP I**

2:30PM-4:00PM

**57**

2:30PM **A. FEEDING THE CHILD WITH SIMPLE TO COMPLEX CRANIOFACIAL CONDITIONS**

This study session will organize the various hazards to successful feeding posed by the structural anomalies in craniofacial conditions from simple to complex. Then audience participation is welcomed by demonstration of tools used to solve feeding problems. The participant will be able to support newborns with craniofacial anomalies and their families using simple, efficient feeding strategies. The participant will be able to recognize when to refer to other specialists to maintain safe nutrition for growth. The participant will be encouraged to share their experiences with successful methods of treating feeding problems in their clinic. (V, L)

*Anne Boekelheide, RN, MSN, PNP, Margaret Langham, BSN, MS, PNP*

**58**

2:30PM **B. THE IMPORTANCE OF UNDERSTANDING THE DYNAMICS OF YOUR TEAM "FAMILY":  
NEGOTIATING OPPOSITE SIDES OF THE STREET WHEN YOU ARE STANDING IN THE MIDDLE OF  
THE ROAD**

Due to the variety of patient needs found in craniofacial settings families and clients can experience medical management. Good patient care is dependent on the communication between team members and family's. All types of providers will benefit from the information provided in this session. This will include information to assist all disciplines in better understanding effective and clear communication methods that can be utilized in a team setting. (V, L)

**59**

2:30PM **C. NON-CLEFT CAUSES OF RESONANCE DISORDERS AND VELOPHARYNGEAL DYSFUNCTION: IMPACT ON TREATMENT**

Although cleft palate is the most common cause of velopharyngeal dysfunction (VPD), there are many other causes of abnormal resonance and nasal emission. Differential diagnosis of the cause of the speech characteristics is essential in order to determine appropriate treatment. The presenter will discuss the various causes of abnormal resonance or nasal emission, using video clips to illustrate several disorders. Options for treatment of various causes of non-cleft VPD will be discussed. (I, L)

*Ann Kummer, PhD*

**60**

2:30PM **D. DIFFICULT PROBLEMS IN VELOPHARYNGEAL DYSFUNCTION EVALUATION AND MANAGEMENT**

(V, L)

*Jeffrey Marsh, MD, Renee Linenfelser, MS, CCC-SLP*

**61**

2:30PM **E. ANALYZING AND INCORPORATING NASOALVEOLAR MOLDING TO IMPROVE CLEFT LIP AND NASAL RECONSTRUCTION**

The presenters will discuss approaches to neonatal naso-alveolar molding including the use of prefabricated conformers, making this technique more accessible to families and providers in any setting. The surgical techniques include planning skin incisions to reflect individual anatomy and strategies of muscle reconstruction to improve lip function. Video clips will be incorporated as an additional assessment tool. The goal is for participants to become critical observers and acquire practical techniques to achieve a more natural appearance for their patients with clefts. (V, L)

*Janet Salomonson, MD, Don LaRossa, MD*

**62**

2:30PM **F. FISH & CHIPS: WHAT'S NEW IN GENETIC DIAGNOSIS?**

Cleft lip, cleft palate and most craniofacial disorders often have an underlying genetic etiology or predisposition. In the past being able to make a genetic diagnosis was primarily based on clinical evaluation and chromosomal analysis. However, newer technologies, such as fluorescence in situ hybridization (FISH) and microarrays have evolved which have expanded our abilities to diagnose many more disorders, leading to improved treatments and interventions as well as better counseling for families regarding prognosis, recurrence risks, and anticipatory management. Objective of presentation is to familiarize participants with the new genetic diagnostic technologies, recognize the indications for when to order these tests in the Craniofacial Clinic, and understand how to interpret test results and counsel families. (V, L)

*Howard Saal, MD, Patricia Bender, MSN, BN*

**BREAK - EXHIBITS / POSTER SESSION B / COFFEE BREAK**

4:00PM - 4:30PM

**STUDY SESSIONS: GROUP II**

4:30PM-6:00PM

**63**

4:30PM **G. APPLIANCE MANAGEMENT OF CLEFT PALATE AND COMMUNICATIVE DISORDERS**

The prosthetic treatment of patients with cleft palate and craniofacial conditions are an important part of the multidisciplinary approach to solving a variety of problems related to speech and appearance. In some cases, even after surgical intervention to repair the cleft palate, speech and swallowing may not be completely restored. A prosthodontist engaged in treating craniofacial team patients with oral, facial, and speech deficits will discuss the physiologic indications for appliances and the principles involved in prosthetic management. (V, L)

*Luiz Pimenta, DDS, MS, PhD, David Zajac, PhD*

**64**

4:30PM **H. UNDERSTANDING AND MEETING THE PSYCHOSOCIAL NEEDS OF PATIENTS, FAMILIES AND COMMUNITIES: SO MUCH TO DO AND SO LITTLE TIME TO DO IT IN!**

An important part of any patient's craniofacial care involves an assessment of the psychosocial needs of the

patient and family. Resources available to understand these issues are often limited. At this session, strategies will be reviewed that can be helpful in systematizing how this is done. It is felt that all members can benefit from this session that is meant to increase the opportunities to enhance patient satisfaction while also improving access to care and decreasing its burden. (V, L)

*Cassandra Aspinall, MSW, LICSW, Ashley Sorensen, LICSW, MSW*

**65**

4:30PM **I. TEAM MANAGEMENT OF VELOPHARYNGEAL DYSFUNCTION: A DIFFICULT CASE STUDY SESSION**

Several authors have discussed the difficulty in managing patients with atypical causes and presentations of velopharyngeal inadequacy for speech. The purpose of this study session is to allow team members (audience/participants/ authors) to fully participate in an active discussion of solutions for most difficult cases of VPI. The authors and participants will present cases that have challenged various members of their team and engage all attendees in discussion. Participants will be able to identify and integrate transdisciplinary diagnostic information to identify several options for treatment. (V,P)

*Judith LeDuc, MA, Dianne Mulick-Altuna, MS, Adriane Baylis, PhD, Mary Berger, MS, Scott Dailey, MA, Judith Trost-Cardamone, PhD*

**66**

4:30PM **J. NASOALVEOLAR MOLDING AND PRESURGICAL COLUMELLA ELONGATION IN UNILATERAL AND BILATERAL CLEFTS OF THE LIP ALVEOLUS AND PALATE**

It is anticipated that the attendees will acquire increased understanding of nasopalveolar molding: the clinical method, benefits, limitations, literature and long-term research findings. The student will be able to articulate the differences in method, objectives and outcomes between traditional presurgical infant orthopedics and nasopalveolar molding. (V, L)

*Barry Grayson, DDS, Court Cutting, MD, Lawrence Brecht, DDS, Kapadia, Pradip Shetye, BDS, MDS, Margy Maroutsis*

**67**

4:30PM **K. THE SRI LANKAN CLEFT LIP AND PALATE PROJECT: AN ACCOUNT OF 25 YEARS OF MULTIDISCIPLINARY TREATMENT, TEACHING, RESEARCH RESULTS AND THE ESTABLISHMENT OF SUSTAINABLE LOCAL TEAMS**

A critical analysis of clinical outcomes, problems, achievements and failures is presented by a multidisciplinary team. (V, L)

*Michael Mars, DSC, PhD, FDS, D.Orth, Debbie Sell, PhD, Alex Habel, MB, ChB, FRCP, MRCPCH, Jo Shearer, BSc, MSc, DClinPsy, Raouf Chorbachi, MB, BCh, FRCS, MSc, Tony Sirimanna, MB, ChB, FRCS, FRCP, Brijesh Patel, BDS, MSc, MFDS, M.Orth, Alan Gowans, DS, MOrth, FDS, MSc, Valerie Pereira, MSc, MRCSLT*

**ASHA DIVISION 5 RECEPTION**

6:30PM-7:30PM

Cash bar and hors d'oeuvres. The steering committee of ASHA's Division 5 is sponsoring an informal meeting and reception for speech pathologists/speech scientists. This is an opportunity to meet others with similar interests and learn more about the activities of the Division as well as its relationship with ACPA.

**Friday, March 19th**

7:00AM-8:00AM

ASCFS BREAKFAST

7:00AM-5:00PM

EXHIBITS

7:30AM-5:30PM

REGISTRATION

8:00AM-5:00PM

POSTER SESSION C

VIDEO PRESENTATION

8:00AM-9:00AM

GENERAL SESSION IV - TRAINING

9:00AM-10:15AM  
ACPA ANNUAL BUSINESS MEETING (ACPA MEMBERS ONLY)

10:00AM-10:30AM  
BREAK - EXHIBITS / POSTER SESSION C / VIDEO PRESENTATION

10:30AM-12:00PM  
CONCURRENT SESSIONS (GROUP 1)  
SESSION I - ASCFS PART 1  
SESSION II - ORTHODONTICS  
SESSION III - CRANIOFACIAL BIOLOGY 1  
SESSION IV - PSYCHOSOCIAL

12:00PM-1:30PM  
LUNCH BREAK (ON YOUR OWN)  
ASCFS LUNCHEON/BUSINESS MEETING (separate registration fee required)  
Open only to members of the American Society of Craniofacial Surgeons

12:00PM-3:00PM  
ACPA SECOND EXECUTIVE COUNCIL MEETING / LUNCH

1:30PM-3:00PM  
CONCURRENT SESSIONS (GROUP 2)  
SESSION V - ASCFS II  
SESSION VI - CLEFT LIP AND PALATE SURGERY 1  
SESSION VII - CRANIOFACIAL BIOLOGY 2  
SESSION VIII - SPEECH PHYSIOLOGY

3:00PM-3:30PM  
BREAK - EXHIBITS / POSTER SESSION C / VIDEO PRESENTATION

3:30PM-5:00PM  
CONCURRENT SESSIONS (GROUP 3)  
SESSION IX - CLEFT LIP AND PALATE SURGERY 2  
SESSION X - NEUROSCIENCE, GROWTH AND DEVELOPMENT  
SESSION XI - GENETICS, SYNDROMES AND ETIOLOGY  
SESSION XII - TECHNOLOGY

7:00PM-11:00PM  
ACPA 67TH ANNUAL GALA

#### **GENERAL SESSION IV - TRAINING**

8:00AM - 9:00AM

**Goal:** To improve understanding of the role of craniofacial centers and healthcare professionals in the education of children with craniofacial anomalies and in training the next generation of craniofacial professionals.

**Objective:** Attendees will be able to identify at least three issues or methods to enhance education of children with craniofacial anomalies and/or methods to improve surgical training.

**Chair:** Janice F. Lalikos, MD, MA

**Co-Chair:** Richard Y. Ha, MD

**69**

8:00AM **THE IMPORTANCE OF THE CAREGIVERS IN THE TRANSITION OF CHILDREN WITH CRANIOFACIAL ANOMALIES TO NEW SCHOOLS AND CRANIOFACIAL TEAMS**

*Braun*

**161**

8:10AM **PATTERN OF VELOPHARYNGEAL GROWTH DEVIATION IN PATIENTS WITH CLEFT PALATE WITH OR WITHOUT PHARYNGEAL FLAPS**

Mazaheri

- 8:20AM **71**  
**SURGICAL TRAINING IN CLEFT LIP AND PALATE SURGERY IN NORTH AMERICA**  
*Cheng, Prince, Verchere*
- 8:30AM **72**  
**CREATING A VIRTUAL SURGICAL ATLAS OF CRANIOFACIAL PROCEDURES: SURGICAL ANIMATIONS**  
*Flores, DeLuccia, Olikar, McCarthy*
- 8:50AM **DISCUSSION**
- 9:00AM-10:15AM **ACPA ANNUAL BUSINESS MEETING (ACPA MEMBERS ONLY)**
- 10:00AM-10:30AM **BREAK - EXHIBITS / POSTER SESSION C / VIDEO PRESENTATION**

**CONCURRENT SPECIALTY SESSIONS (Group 1)**

10:30AM-12:00PM

**SESSION I: ASCFS PART I**



**Goal:** To provide those who treat craniofacial conditions surgically with a forum to discuss new concepts and share information.

**Objective:** Attendees will be able to discuss and evaluate at least three new surgical management techniques for a variety of craniofacial conditions.

**Session Chair:** Kant Y.K. Lin, MD

- 10:30AM **73**  
**LESSONS FROM THE GLOBAL WAR ON TERROR: SUCCESSFUL RECONSTRUCTION OF WARFARE RELATED CRANIECTOMY DEFECTS USING CUSTOM DESIGNED IMPLANTS**  
*Kumar, Bell, Stephens, Rouse, Harshbarger, Armonda*



- 74**  
 10:40AM **SAFETY AND EFFICACY OF PRE-OPERATIVE EPOETIN ALPHA IN SURGICAL CALVARIAL REMODELING: AN 8 -YEAR RETROSPECTIVE REVIEW AND ANALYSIS**  
*Naran, Cladis, Fearon, Bradley, Michelotti, Cooper, Cray, Kinsella, Katchikian, Miller, Grunwaldt, Losee*
- 75**  
 10:50AM **CLINICAL PERFORMANCE OF HYDROXYAPATITE BONE CEMENT IN SECONDARY PEDIATRIC CRANIOFACIAL RECONSTRUCTION**  
*Wong, St Hilaire, Moses*
- 76**  
 11:00AM **SAGITTAL SYNOSTOSIS - ACCORDION TECHNIQUE AND OUTCOMES**  
*Morales, Aboutanos, Blocksom*
- 11:10AM **DISCUSSION**
- 77**  
 11:20AM **CORRECTION OF HYDROCEPHALIC MACROCEPHALY WITH TOTAL CRANIAL VAULT REMODELING AND MOLDING HELMET THERAPY**  
*Yaghoubian, Kohan, Katchikian, Jackson, Heller, Lazareff, Bradley*
- 78**  
 11:30AM **BILATERAL ORBITOZYGOMATIC RECONSTRUCTION IN A PATIENT WITH TREACHER-COLLINS SYNDROME WITH TISSUE ENGINEERED BONE**  
*Taylor, Maercks, Jones, Simpson*
- 79**  
 11:40AM **EVOLUTION OF CRANIOFACIAL CARE IN THE THIRD WORLD: FIVE YEAR DATA FROM COMBINED US ARMY/NAVY HUMANITARIAN SURGICAL MISSIONS**  
*Harshbarger, Kumar, Martin, Helling, Perez-Nieves*
- 11:50AM **DISCUSSION**
- 12:00PM- LUNCH (ON YOUR OWN)  
 1:30PM ASCFS LUNCHEON/BUSINESS MEETING (separate registration fee required)  
 Open only to members of the American Society of Craniofacial Surgeons
- 12:00PM- ACPA SECOND EXECUTIVE COUNCIL MEETING / LUNCH  
 3:00PM

**CONCURRENT SPECIALTY SESSIONS (Group 1)**

10:30AM-12:00PM

**SESSION II: ORTHODONTICS**

**Goal:** To expand the awareness of research related to orthodontic treatment of cleft lip and cleft palate.

**Objective:** Attendees will be able to identify at least issues which influence dental and facial development as they relate to orthodontic treatment.

**Session Chair:** Kirt E. Simmons, DDS, PhD

**Session Co-Chair:** Ronald Reed Hathaway, DDS, MS

- 80**  
 10:30AM **FACIAL GROWTH IN CHILDREN WITH COMPLETE CLEFT OF THE PRIMARY PALATE AND INTACT SECONDARY PALATE**  
*Padwa, Saperstein, Mulliken*

- 81**  
 10:40AM **SIZE OF PALATAL SHELVES AND OCCLUSAL INDEX IN PATIENTS WITH COMPLETE UNILATERAL CLEFT LIP AND PALATE**  
*Carrara, Ozawa, Lauris, Dutka-Souza, Sousa-Brosco, Pegoraro-Krook*

- 82**  
10:50AM **CEPHALOMETRIC COMPARISON OF TREATMENT OUTCOME IN PATIENTS WITH CBCLP FROM 3 DIFFERENT CENTERS**  
*Daskalogiannakis, Dugas, Long, Hathaway*
- 83**  
11:00AM **A COMPARATIVE STUDY OF THE INCIDENCE OF EARLY SECONDARY NASAL REVISIONS IN PATIENTS WITH UCLP AND BCLP TREATED WITH NASOALVEOLAR MOLDING (NAM) VERSUS PATIENTS NOT TREATED WITH NAM**  
*Grayson, Kapadia, Santana, Fernandez, Brecht, Cutting*
- 11:10AM **DISCUSSION**
- 84**  
11:20AM **PREDICTORS FOR POOR DENTAL ARCH RELATIONSHIPS IN YOUNG CHILDREN WITH UNILATERAL CLEFT LIP AND PALATE**  
*Liao, Hsieh*
- 85**  
11:30AM **DENTAL ARCH RELATIONSHIP IN CHILDREN WITH COMPLETE UNILATERAL CLEFT LIP AND PALATE AFTER ONE-STAGE (WARSAW PROTOCOL) AND TWO-STAGE (OSLO PROTOCOL) REPAIR**  
*Fudalej, Dudkiewicz, Hortis-Dzierzbicka, Semb*
- 86**  
11:40AM **INFLUENCE OF AGE DURING PRIMARY PALATOPLASTY AT DENTAL ARCH RELATIONSHIP ON 462 PATIENTS WITH UCLP**  
*Okada-Ozawa, Cavassan, Lauris, Almeida, Dolce, Dutka-Souza, Pegoraro-Krook, Williams*
- 11:50AM **DISCUSSION**
- 12:00PM- LUNCH (ON YOUR OWN)  
1:30PM ASCFS LUNCHEON/BUSINESS MEETING (separate registration fee required)  
Open only to members of the American Society of Craniofacial Surgeons
- 12:00PM- ACPA SECOND EXECUTIVE COUNCIL MEETING / LUNCH  
3:00PM

### **CONCURRENT SPECIALTY SESSIONS (Group 1)**

10:30AM-12:00PM

#### **SESSION III: CRANIOFACIAL BIOLOGY 1**

**Goal:** To create an awareness of new research related to cleft and craniofacial conditions.

**Objective:** Attendees will be able to identify at least three new research findings related to the biology of craniofacial conditions.

**Session Chair:** Mark P. Mooney, PhD

**Session Co-Chair:** Daniel B. Spagnoli, DDS, PhD

- 87**  
10:30AM **UMBILICAL CORD-DERIVED MESENCHYMAL STEM CELLS ARE AN IDEAL SOURCE FOR TISSUE ENGINEERED BONE IN CHILDREN**  
*Madan, Caballero, van Aalst*
- 88**  
10:40AM **BONE MARROW-DERIVED STEM CELLS IN PALATAL WOUND HEALING**  
*Verstappen, Katsaros, Torensma, Von den Hoff*
- 89**  
10:50AM **TESTOSTERONE AND BMP4 RESPONSE IN CRANIOSYNOSTOTIC RABBIT BONE CELLS**  
*Cray, Lensie, Smalley, Finegold, Siegel, Losee, Mooney, Cooper*

- 90**  
 11:00AM **ALLODERM-ADIPOSE DERIVED STEM CELL CONSTRUCTS TO OPTIMIZE ORONASAL FISTULA HEALING**  
*Katchikian, Yaghoubian, Ashjian, Bradley*
- 11:10AM **DISCUSSION**
- 91**  
 11:20AM **HUMAN CRANIOFACIAL DEVELOPMENT AND WNT5A MUTATION**  
*Beiraghi, Person, Schleiffarth, Sieben, Neumann, Robu, van Bokhoven, Mazzeu, Brunner, Ekker, Petryk, Lohr*
- 92**  
 11:30AM **TYPE III COLLAGEN-DEFICIENT MICE EXHIBIT ALTERED CRANIOFACIAL AND SKELETAL DEVELOPMENT**  
*Shah, Cohen, Wolk, Adams*
- 93**  
 11:40AM **DEVELOPMENT OF THE CALVARIAL DIPLOE AS ASSESSED BY COMPUTED TOMOGRAPHY**  
*Sun, Lipira, Govier, Woo*
- 11:50AM **DISCUSSION**
- 12:00PM- LUNCH (ON YOUR OWN)  
 1:30PM ASCFS LUNCHEON/BUSINESS MEETING (separate registration fee required)  
 Open only to members of the American Society of Craniofacial Surgeons
- 12:00PM- ACPA SECOND EXECUTIVE COUNCIL MEETING / LUNCH  
 3:00PM

#### **CONCURRENT SPECIALTY SESSIONS (Group 1)**

10:30AM-12:00PM

#### **SESSION IV: PSYCHOSOCIAL**

**Goal:** To expand awareness of psychosocial and academic issues faced by children with cleft lip, cleft palate and craniofacial disorders and their families.

**Objective:** Attendees will be able to discuss at least three factors which influence academic and psychosocial outcome of children with cleft lip, cleft palate and craniofacial disorders and their families.

**Session Chair:** Nancy W. Berk, PhD

**Session Co-Chair:** Canice E. Crerand, PhD

- 94**  
 10:40AM **FACTORS ASSOCIATED WITH PARENTAL ADAPTATION TO HAVING A CHILD WITH A CLEFT LIP AND/OR PALATE: THE IMPACT OF PARENTAL DIAGNOSIS**  
*O'Hanlon, Shearer, Hearst, Camic*
- 95**  
 10:50AM **SOCIAL RISK FACTORS AND DEVELOPMENT IN INFANTS AND CHILDREN WITH SINGLE-SUTURE CRANIOSYNOSTOSIS**  
*Cloonan, Kapp-Simon, Craddock, Speltz*
- 97**  
 11:00AM **QUALITY OF LIFE AND FAMILY CENTERED CARE FOR CHILDREN WITH VELOCARDIOFACIAL SYNDROME**  
*Looman, Thurmes*
- 11:10AM **DISCUSSION**

- 98**  
11:20AM **CHILDREN WITH SINGLE SUTURE CRANIOSYNOSTOSIS: PATTERNS OF PERFORMANCE ACROSS INFANT AND TODDLER ASSESSMENTS**  
*Cradock, Kapp-Simon, Speltz*
- 99**  
11:30AM **RELIANCE ON SIGHT VOCABULARY AND PHONETIC DECODING IN READING BY CHILDREN WITH CLEFT LIP AND PALATE**  
*Zajac*
- 100**  
11:40AM **ACADEMIC ACHIEVEMENT IN INDIVIDUALS WITH CLEFT: A POPULATION-BASED REGISTER STUDY**  
*Persson, Svensson, Becker*
- 11:50AM **DISCUSSION**
- 12:00PM- LUNCH (ON YOUR OWN)  
1:30PM ASCFS LUNCHEON/BUSINESS MEETING (separate registration fee required)  
Open only to members of the American Society of Craniofacial Surgeons
- 12:00PM- ACPA SECOND EXECUTIVE COUNCIL MEETING / LUNCH  
3:00PM

**CONCURRENT SPECIALTY SESSIONS (Group 2)**

1:30PM-3:00PM

**SESSION V: ASCFS II**



**Goal:** To provide those who treat craniofacial conditions surgically with a forum to discuss new concepts and share information.

**Objective:** Attendees will be able to discuss and evaluate at least three new surgical management techniques for a variety of craniofacial conditions.

**Session Chair:** Richard A. Hopper, MD, MS

- 101**  
1:30PM **INTERNAL MIDFACE DISTRACTION - A TWELVE YEAR EXPERIENCE**  
*Frank, Cohen*
- 102**  
1:40PM **POLYSOMNOGRAPHIC DEMONSTRATION OF THE IMPROVEMENT OF UPPER AIRWAY OBSTRUCTION IN INFANTS WITH SYNDROMIC PIERRE ROBIN SEQUENCE**  
*Shaqiri, Rozzelle*

- 103**  
1:50PM **NEONATAL MANDIBULAR DISTRACTION: A SEVEN YEAR EXPERIENCE**  
*Gordon, Uribe-Rivera, Gordon, Billmire*
- 104**  
2:00PM **NO DISSECTION MANDIBULAR DISTRACTION**  
*Gordon, Uribe-Rivera*
- 2:10PM **DISCUSSION**
- 105**  
2:20PM **EVALUATION OF SURGICAL OUTCOMES IN UNILATERAL CORONAL SYNOSTOSIS**  
*Brown, Khechoyan, Saltzman, Gruss, Birgfeld, Hopper*
- 106**  
2:30PM **TONGUE-LIP ADHESION IS EFFECTIVE IN AMELIORATING UPPER AIRWAY OBSTRUCTION IN INFANTS WITH PRS WITH MILD MICROGNATHIA AND GLOSSOPTOSIS**  
*Shaqiri, Rozzelle*
- 107**  
2:40PM **A NOVEL TECHNIQUE FOR PERFORMING A TONGUE-LIP ADHESION - THE TONGUE SUSPENSION TECHNIQUE**  
*Mann, Neaman, Hill, Bajnrauh*
- 2:50PM **DISCUSSION**
- 3:00PM **BREAK - EXHIBITS / POSTER SESSION C / VIDEO PRESENTATION**

#### **CONCURRENT SPECIALTY SESSIONS (Group 2)**

1:30PM-3:00PM

#### **SESSION VI: CLEFT LIP AND PALATE SURGERY 1**

**Goal:** To provide a forum for the discussion of surgical techniques and their outcome-supported surgical practices in patients with cleft lip and palate.

**Objective:** Attendees will be able to identify and discuss three outcome-supported surgical practices and techniques used for cleft lip and palate repair.

**Session Chair:** Delora L. Mount, MD

**Session Co-Chair:** Christopher B. Gordon, MD

- 108**  
1:30PM **EFFECTS OF ONE- AND THREE-STAGE SURGICAL TREATMENT PROTOCOLS ON NASOLABIAL APPEARANCE IN CHILDREN WITH COMPLETE UNILATERAL CLEFT LIP AND PALATE (UCLP)**  
*Fudalej, Katsaros, Bongaarts, Dudkiewicz, Kuijpers-Jagtman*
- 109**  
1:40PM **NASAL MORPHOLOGICAL CHANGES AFTER ALVEOLAR BONE GRAFTING SURGERY IN PATIENTS WITH UNILATERAL CLEFT LIP AND PALATE**  
*Medina, Gateno, Kau, English, Teichgraeber, Xia*
- 110**  
1:50PM **THREE-DIMENSIONAL (3D) CHANGES IN LIP MORPHOLOGY AFTER REVISION SURGERY**  
*Tanikawa, Trotman*

- 2:00PM **111**  
**THE USE OF STAGED ROTATION ADVANCEMENTS FOR COMPLETE BILATERAL CLEFTS: IMPROVED RESULTS**  
*Wolfe*
- 2:10PM **DISCUSSION**
- 2:20PM **112**  
**PALATOPLASTY AS THE TECHNIQUE OF CHOICE FOR PREVENTION OF OBSTRUCTIVE SLEEP APNEA SECONDARY TO SURGERY FOR VELOPHARYNGEAL INSUFFICIENCY**  
*Prada, Gomez, Echeverri, Tavera*
- 2:30PM **113**  
**SURGICAL MANAGEMENT OF THE SPECTRUM OF SUBMUCOUS CLEFT PALATE (SMCP): SPEECH OUTCOME IN NON -SYNDROMIC PATIENTS**  
*Ghanem, Gilleard, Sell, Birch, Sommerlad*
- 2:40PM **114**  
**ANATOMICAL MUSCLE DISSECTION REPAIR OF THE SUBMUCOUS CLEFT PALATE (SMCP) IN PATIENTS WITH VELOCARDIOFACIAL SYNDROME (VCFS): OUTCOME OF SPEECH AND VIDEOFUOROSCOPY MEASUREMENTS**  
*Ghanem, Gilleard, Sell, Birch, Sommerlad*
- 2:50PM **DISCUSSION**
- 3:00PM **BREAK - EXHIBITS / POSTER SESSION C / VIDEO PRESENTATION**

#### **CONCURRENT SPECIALTY SESSIONS (Group 2)**

1:30PM-3:00PM

#### **CONCURRENT SESSION VII: CRANIOFACIAL BIOLOGY 2**

**Goal:** To create an awareness of new research related to bone growth in the treatment of cleft and craniofacial conditions.

**Objective:** Attendees will be able to discuss at least three new research studies which will influence future approaches to the treatment of bone growth in the treatment of cleft and craniofacial disorders.

**Session Chair:** Andrew C. Lidral, DDS, PhD

**Session Co-Chair:** Russell R. Reid, MD, PhD

- 1:30PM **115**  
**BONE MORPHOGENIC PROTEIN AND DEMINERALIZED BONE MATRIX FOR THE REPAIR OF ALVEOLAR CLEFTS - THE CHILDREN'S HOSPITAL, LOS ANGELES EXPERIENCE**  
*Hammoudeh, Nazarian Mobin, Yen, Urata*

- 1:40PM **116**  
**AUTOLOGOUS CRANIAL PARTICULATE BONE GRAFT FOR ONLAY CRANIOPLASTY: AN EXPERIMENTAL EVALUATION**  
*Clune, Mulliken, Glowacki, Rogers, Arany, Kulungowski, Greene*

- 1:50PM **117**  
**A QUANTITATIVE ASSESSMENT OF TISSUE-ENGINEERED BONE**  
*Taylor, Jones, Turer, Kellogg*

- 2:00PM **118**  
**NOVEL CALCIUM PHOSPHATE CEMENT-BASED SCAFFOLDS FOR BONE TISSUE ENGINEERING**  
*Bauer, Costello, Campbell, Roy, Mooney, Kumta, Sfeir*

- 2:10PM **DISCUSSION**

119

2:20PM **IMPROVED RAT ALVEOLAR CLEFT HEALING WITH MINIMAL GROWTH DISTURBANCE**

*Katchikian, Yaghoubian, Yang, Bradley*

120

2:30PM **THE PRETREATMENT OF THE SURFACE OF HYDROXYAPATITE FOR OSTEOBLAST GROWTH :  
CRYSTALLIZED HA**

*Park, Kim, Kim, Choi*

121

2:40PM **NOVEL MECHANISMS FOR ACCELERATING DISTRACTION OSTEOGENESIS BY AUGMENTING  
NEOVASCULARIZATION**

*Davidson, Butala, Sultan, Knobel, Tutela, Canizares, Wagner, Witek, Saadeh, Warren*

2:50PM **DISCUSSION**

3:00PM **BREAK - EXHIBITS / POSTER SESSION C / VIDEO PRESENTATION**

### **CONCURRENT SPECIALTY SESSIONS (Group 2)**

1:30PM-3:00PM

#### **CONCURRENT SESSION VIII: SPEECH PHYSIOLOGY**

**Goal:** To present a comprehensive forum for the presentation and discussion of issues related prediction, diagnosis and prognosis of speech and communication disorders in individuals with clefts and other craniofacial disorders.

**Objective:** Attendees will be able to identify those factors which influence the diagnosis and prognosis of cleft related speech disorders and develop strategies for treatment.

**Session Chair:** Lynn M. Fox, MA, Med

**Session Co-Chair:** Dianne J. Mulick-Altuna, MS

122

1:30PM **ASSESSMENT OF CLEFT PALATE ARTICULATION AND RESONANCE IN FAMILIAR AND UNFAMILIAR  
LANGUAGES: ENGLISH, SPANISH, AND HMONG**

*Cordero*

123

1:40PM **PREDICTORS OF HYPERNASALITY IN CHILDREN WITH REPAIRED CLEFT PALATE**

*Queiros, Zajac*

124

1:50PM **PERCEPTUAL CONFUSIONS AMONG OBSTRUENT CONSONANTS: PRELIMINARY EVIDENCE FROM  
CHILDREN WITH CLEFT LIP AND PALATE AND ADEQUATE VELOPHARYNGEAL FUNCTION**

*Zajac, Plante*

125

2:00PM **COMMUNICATION APPREHENSION IN ADOLESCENTS WITH VPI: IS IT RELATED TO SPEECH  
PERFORMANCE?**

*Dzioba, Husein, Dworschak-Stokan, Doyle*

2:10PM **DISCUSSION**

126

2:20PM **THE RELATIONSHIP BETWEEN EARLY READING SKILLS AND SPEECH AND LANGUAGE  
PERFORMANCE FOR CHILDREN WITH CLEFT LIP AND PALATE**

*Chapman*

2:30PM **127**  
**CONSTRUCTING A SPEECH ASSESSMENT PROTOCOL FOR MULTINATIONAL RESEARCH STUDIES:  
THE CASE FOR A HYBRIDIZED APPROACH**  
*Ford, Cohn, Neiswanger, Schmidt, Marazita*

2:40PM **128**  
**MULTICENTRIC PROSPECTIVE CLINICAL STUDY FOR DIAGNOSIS OF OROFACIAL DYSFUNCTIONS  
IN PATIENTS WITH CLEFT LIP, ALVEOLUS AND PALATE**  
*Dieckmann, Bauska, Steinberga, Lipnickiene, Padrik, Gundlach, Lenz*

2:50PM **DISCUSSION**

3:00PM **BREAK - EXHIBITS / POSTER SESSION C / VIDEO PRESENTATION**

**CONCURRENT SPECIALTY SESSIONS (Group 3)**

3:30PM-5:00PM

**SESSION IX - CLEFT LIP & PALATE SURGERY 2**

**Goal:** To provide a forum for the discussion of surgical techniques and their outcome-supported surgical practices in patients with cleft lip and palate.

**Objective:** Attendees will be able to identify and discuss three outcome-supported surgical practices and techniques used for cleft lip and palate repair.

**Session Chair:** Don LaRossa, MD

**Session Co-Chair:** Eric H. Hubli, MD

3:30PM **129**  
**EFFECT OF GINGIVOPERIOSTEOPLASTY ON MIDFACE GROWTH AT SKELETAL MATURITY IN  
UNILATERAL COMPLETE CLEFTS FOLLOWING PIN RETAINED ALVEOLAR MOLDING**  
*Cutting, Grayson, Brecht, Garfinkle, Kapadia, Reina-Carmona, Gianoutsos*

3:40PM **130**  
**A CEPHALOMETRIC STUDY TO INVESTIGATE THE EFFECT OF VOMERINE FLAP REPAIR ON  
MAXILLARY GROWTH AT TEN YEARS OF AGE**  
*Hay, Patel, Sommerlad*

3:50PM **131**  
**INLAY CRANIOPLASTY AN EXPERIMENTAL COMPARISON OF BONE-DUST VERSUS CRANIAL  
PARTICULATE BONE**  
*Clune, Mulliken, Glowacki, Rogers, Arany, Kulungowski, Greene*

4:00PM **132**  
**CRANIOSYNOSTOSIS: THE EVOLVING ROLE OF ENDOSCOPIC AND MINIMALLY INVASIVE  
TREATMENTS**  
*Frank, Cohen*

4:10PM **DISCUSSION**

4:20PM **133**  
**TWO-STAGE CLEFT PALATE REPAIRS - LONG TERM RESULTS**  
*Morales, Aboutanos, Blocksom, Chapman, Taylor*

4:30PM **134**  
**PREDICTORS OF VELOPHARYNGEAL INCOMPETENCE IN PATIENTS WITH CLEFTS FOLLOWING  
LEFORT I MAXILLARY ADVANCEMENT**  
*Padwa, McComb, Nuss, Marrinan*

4:40PM **135**  
**THE SPACER FLAP: SEVEN YEAR FOLLOW-UP OF SIMULTANEOUS TENSION FREE CLOSURE AND  
PUSH BACK OF LARGE CLEFT PALATES**  
*Alizadeh*

4:50PM **DISCUSSION**

7:00PM- 67<sup>th</sup> ANNUAL GALA  
11:00PM

**CONCURRENT SPECIALTY SESSIONS (Group 3)**

3:30PM-5:00PM

**SESSION X - NEUROSCIENCE, GROWTH AND DEVELOPMENT**

**Goal:** To characterize current research on growth and brain development in individuals born with craniofacial and cleft conditions.

**Objective:** Attendees will be able to discuss the influence a cleft or other craniofacial condition may have on growth and neurological outcomes.

**Session Chair:** Yvonne R. Gutierrez, MD

**Session Co-Chair:** Seth M. Weinberg, PhD

3:30PM **136**  
**NUTRITIONAL STATUS OF CHILDREN WITH CLEFT LIP-PALATE DURING THE FIRST TWO YEARS OF AGE**  
*Marques, Miranda, Peres*

3:40PM **137**  
**ABNORMAL GROWTH IS RELATED TO ABNORMAL DEVELOPMENT OF THE PITUITARY GLAND IN ISOLATED CLEFTS OF THE LIP AND/OR PALATE**  
*Nopoulos, Aerts, Ziebell*

3:50PM **138**  
**PHYSICAL CHARACTERISTICS AND GENERAL INTELLECTUAL CAPACITY IN YOUNG MALE ADULTS WITH CLEFT**  
*Persson, Svensson, Becker*

4:00PM **139**  
**THE RELATIONSHIP BETWEEN INTRACRANIAL VOLUME AND BRAIN VOLUME IN UNILATERAL CORONAL CRANIOSYNOSTOSIS**  
*Aldridge, Vaddi, Moffitt, Richtsmeier, Kane, Marsh, Panchal, Hill*

4:10PM **DISCUSSION**

4:20PM **140**  
**NEUROBIOLOGY OF NEUROLOGICAL SOFT SIGNS IN CHILDREN WITH NONSYNDROMIC CLEFT OF THE LIP AND/OR PALATE**  
*Conrad, Nopoulos, Richman*

4:30PM **141**  
**ABNORMAL BRAIN STRUCTURE IN BOYS WITH DEFORMATIONAL PLAGIOCEPHALY: A LONG-TERM OUTCOME STUDY**  
*Nopoulos, Conrad, Wood, Menezes*

4:40PM **142**  
**THE BIOETHICS OF SEPARATING CONJOINED TWINS IN PLASTIC SURGERY**  
*Lee, Gosain, Becker*

4:50PM **DISCUSSION**

7:00PM- 67<sup>th</sup> ANNUAL GALA  
11:00PM

## **CONCURRENT SPECIALTY SESSIONS (Group 3)**

3:30PM-5:00PM

### **SESSION XI - GENETICS, SYNDROMES AND ETIOLOGY**

**Goal:** To present information regarding recent genetic findings related to the causes and epidemiology of orofacial clefts and craniofacial disorders.

**Objective:** The attendees will be able to discuss at least three genes which are known to cause or predispose to clefts and craniofacial disorders.

**Session Chair:** Michael L. Cunningham, MD, PhD

**Session Co-Chair:** Mary L. Marazita, PhD

- 3:30PM **143**  
**POLYMORPHISMS OF THE MTHFR 677CT AND RFC1 80AG GENES AND CLEFT LIP AND PALATE IN GUATEMALA**  
*Delurgio, Tolar, Obara, Mosby, Berdichevsky, Behad, Gomez, Komura, Lal, Prabhakar, Tolarova*
- 3:40PM **144**  
**WHAT'S WRONG WITH FOXE1, A MAJOR GENE FOR NONSYNDROMIC CLEFT LIP AND PALATE?**  
*Lidral, Bullard, Machida, Dierdorff, Moreno, Mansilla, Murray, Cornell*
- 3:50PM **145**  
**ETIOLOGY OF NONSYNDROMIC CLEFT LIP AND PALATE IN SAN SALVADOR**  
*Kai, Al-Melh, Mishra, Mashouf, Dudley, Moniz, Tolar, Mosby, Berdichevsky, Behad, Tolarova*
- 4:00PM **146**  
**MOLECULAR GENETIC FINDINGS AND THEIR FUTURE CLINICAL IMPACT IN CL/P**  
*Mansilla, Christensen, Lie, Beaty, Hetmanski, Marazita, Murray*
- 4:10PM **DISCUSSION**
- 4:20PM **147**  
**MATERNAL DIETARY ZINC INTAKE AND THE ETIOLOGY OF CLEFT LIP AND PALATE**  
*Tintloy, Mosby, Cadelinia, Barnts, Tolar, Obara, Boyd, Marchino, Escobedo, Berdichevsky, Leach, Tolarova*
- 4:30PM **148**  
**CRANIOFACIAL MORPHOLOGY IN PATIENTS WITH G/BBB SYNDROME**  
*Dalben, Richieri-Costa, Taveira*
- 4:40PM **149**  
**CRANIOSYNOSTOSIS: CLINICAL INSIGHTS AND CLUES TO ADDITIONAL ETIOLOGIES**  
*McDonald-McGinn, Bartlett, Whitaker, Zackai*
- 4:50PM **DISCUSSION**
- 7:00PM-11:00PM 67<sup>th</sup> ANNUAL GALA

## **CONCURRENT SPECIALTY SESSIONS (Group 3)**

3:30PM-5:00PM

### **SESSION XII - TECHNOLOGY**

**Goal:** To present information regarding new techniques available to assist in treatment and research of cleft and craniofacial conditions.

**Objective:** Attendees will be able to identify three new advances in the use of technology for studying or treating cleft/craniofacial conditions.

**Session Chair:** David A. Fitzsimons, BS

**Session Co-Chair:** Ann W. Kummer, MAT, PhD

- 3:30PM **150**  
**3D ASSESSMENT OF AIRWAY IN INDIVIDUALS WITH CLEFT LIP AND PALATE**  
*Cheung, Vargervik, Oberoi*
- 3:40PM **151**  
**APPLICATION OF CONE BEAM COMPUTED TOMOGRAPHY (CBCT) TECHNOLOGY IN VOLUMETRIC ANALYSIS OF SIMULATED ALVEOLAR CLEFT DEFECTS AND BONE GRAFTS: AN EXPERIMENTAL STUDY**  
*Amirlak, Tang, Hans, Palomo, Gosain*
- 3:50PM **152**  
**OBLIQUE-CORONAL MAGNETIC RESONANCE IMAGING OF VELOPHARYNGEAL AREA DURING SPEECH**  
*Bae, Kuehn, Sutton, Conway*
- 4:00PM **153**  
**A TECHNIQUE FOR ASSESSING VELAR MUSCLE POSITION ON INTRAORAL EXAMINATION**  
*Mehendale*
- 4:10PM **DISCUSSION**
- 4:20PM **154**  
**THE AMERICLEFT PROJECT: A COMPARISON OF RELIABILITY BETWEEN GOSLON YARDSTICK RATINGS USING PLASTER DENTAL CASTS VS DIGITAL IMAGES**  
*Mercado, Daskalogiannakis, Long, Russell, Hathaway, Gregory*
- 4:30PM **155**  
**TELEMEDICINE'S USE IN INTERNATIONAL TEAM CLEFT CARE**  
*Bailey, Sigler, Dobke, Agha, Fischer, Kipps, Leal, Martinez, Borquez, Tremper, Holmes, Gosman*
- 4:40PM **156**  
**ESTIMATION OF FUTURE RESOURCE REQUIREMENTS FOR CLEFT CARE USING A COMPUTER PROGRAMME BASED UPON CLINICAL CARE PROTOCOLS**  
*Fitzsimons*
- 4:50PM **DISCUSSION**
- 7:00PM-11:00PM **67<sup>th</sup> ANNUAL GALA**

## **Saturday, March 20<sup>th</sup>**

7:30AM-12:30PM

Registration

8:00AM-10:15AM

General Session V - Optimizing Outcomes, Speech and the Burden of Care

8:00AM-10:00AM

General Session VI - ASCFS Panel - Hemifacial Microsomia

10:45AM-12:00PM

Closing General Session - International Treatment Panel

12:00PM-1:00PM

ASHA Symposium Registration

1:00PM-5:30PM

ASHA/ACPA Post-Conference Symposium for Speech-Language Pathologists - Practical Applications for Assessment and Treatment of Children with Cleft Palate Speech and Resonance Disorders

### **GENERAL SESSION V - OPTIMIZING OUTCOMES, SPEECH AND THE BURDON OF CARE**

8:00AM-10:15AM

**Goal:** To present information which will lead to improved understanding of the diagnosis, natural history and treatment of cleft lip and cleft palate including speech disorders.

**Objective:**

1. The attendees will be able to discuss those factors which influence long term outcomes of craniofacial and cleft.
2. The attendees will be able to discuss treatment and outcomes of speech articulation disorders related to clefts.

**Session Chair:** Jamie S. Idelberg, BS, RDH

**Session Co-Chair:** Iris H. Sageser, RDH, MS

**157**

8:10AM **NASALITY IN CHILDREN WITH ROBIN SEQUENCE AFTER PRIMARY PALATOPLASTY**

*Prado-Oliveira, Dutka, Marques, Sousa-Brosco*

**159**

8:20AM **HYPERNASAL RESONANCE OUTCOMES AT AGES 3 TO 4 YEARS VS 6 TO 7 YEARS**

*Karnell, Dailey, Strike, Canady*

8:30AM **DISCUSSION**

**160**

8:40AM **VELOPHARYNGEAL MOTION AND LEVATOR MUSCLE SHORTENING DURING PHONATION IN YOUNG CHILDREN FOLLOWING PRIMARY PALATAL REPAIR**

*Tian, Yin, Zhao, Li, Shi*

**158**

8:50AM **THE EFFECT OF SPHINCTER PHARYNGOPLASTY CONTRACTILITY ON SPEECH OUTCOMES: AN UPDATE**

*Hubbard, Rice, Muzaffar*

9:00AM **DISCUSSION**

9:20AM **163**  
**20 YEAR FOLLOW-UP OF 149 INDIVIDUALS BORN WITH UNILATERAL COMPLETE CLEFT LIP AND PALATE: DENTOFACIAL DEVELOPMENT AND BURDEN OF CARE**  
*Semb, Rønning, Åbyholm*

9:30AM **164**  
**LESSENING THE BURDEN OF CARE AND OUTCOME REVIEW**  
*Cohen, Matthews, Paterno, Sharrar*

9:40AM **165**  
**EDUCATING FAMILIES: PREDICTING OUT-OF-POCKET COSTS IN THE SURGICAL MANAGEMENT OF CLEFT LIP AND PALATE DEFORMITIES**  
*Albino, Koltz, Girotto*

9:50AM **166**  
**RESOURCE UTILIZATION, OUTCOME ANALYSIS AND COMPENSATION IN THE MEDICAID VERSUS INSURED CLEFT POPULATION. IMPLICATIONS ON THE FUTURE VIABILITY OF CLEFT CENTERS**  
*Sati, Havlik, Flores*

10:00AM **DISCUSSION**

10:10AM **COFFEE BREAK**

#### **GENERAL SESSION VI - ASCFS PANEL - HEMIFACIAL MICROSOMIA**

8:30AM-10:30AM



**Goal:** To present a comprehensive approach to the treatment of individuals with hemifacial microsomia.

**Objective:** Attendees will identify the spectrum of how hemifacial microsomia presents and discuss current diagnostic and surgical approaches to treatment of hemifacial microsomia.

**Session Chair:** Robert Havlik, MD

**Session Co-Chair:** Stephen Beals, MD

8:00AM **INTERDISCIPLINARY MANAGEMENT OF HEMIFACIAL MICROSOMIA FROM BIRTH TO ADULTHOOD**  
Hemifacial microsomia (HFM), the second most common congenital facial deformity, is one of the most challenging to treat. The panel will present the clinical pathway for interdisciplinary management of HFM from birth to adulthood. The audience will receive a contemporary treatment protocol that will improve the clinical management of patients with HFM. The attendee will gain increased competence which will contribute to better long term outcomes.

*Panel will include: Stephen Beals MD, Robert Havlik MD, Craig Birgfeld MD, Jeff Fearon MD, Patricia Glick DMD, Deborah Leach MA, CCC-SLP, Kant Lin MD, and Margot Stein, PhD*

## **CLOSING GENERAL SESSION - INTERNATIONAL TREATMENT PANEL**

10:45AM-12:00PM

**Goal:** To improve awareness of how volunteer international missions are perceived by the host nations.

**Objective:** Attendees will be able to identify the importance of enhanced understanding of the cultural and social issues in the nations where surgical missions perform surgeries and the need for cultural sensitivities.

**Session Chair:** John A. Van Aalst, MD

10:45AM **168**

### **VOLUNTEER INTERNATIONAL TREATMENT PROGRAMS FROM A HOST NATION PERSPECTIVE**

The goal of this panel is to critically examine volunteer international treatment programs around the world from the perspective of health care practitioners in the host nation. The paradigm for such international treatment program work across disciplines is changing and needs to be host-nation centered rather than volunteer centered; if Westerners hope to continue to be welcome participants in the care of children with clefts in developing nations, we will have to change accordingly.

*John A. van Aalst, MD, MA, FACS, Libby Wilson, MD, Jorge Palacios-Martinez, MD, Peter Donkor, MDSc, FWACS, Shankar M. Rai, MBBS, MS, Percy Rossell-Perry, MD, and Hanine Al Sheikh, BS*

## **POSTER SESSIONS**

March 17-19th

There will be three poster sessions, each for 1 day. Each Poster Session will run from 8:00AM-5:00PM on its scheduled day and will be located in the Exhibits Hall.

**Goal:** To create a visual forum for the sharing of interdisciplinary research and treatments for patients with cleft and craniofacial conditions.

### **POSTER SESSION A**

Wednesday, March 17th

8:00AM-5:00PM

**Goal:** To create a visual forum for the sharing of interdisciplinary research and treatments for patients with cleft and craniofacial conditions.

8:00AM **169**

#### **MOUSE GENOTYPE INFLUENCED NICOTINE TERATOGENIC EFFECTS ON PALATAL FUSION**

*Serrano, Svoboda*

8:00AM **170**

#### **HIGH AND LOW-PRESSURE NASALANCE SCORES OF CHILDREN WITH CLEFT LIP AND PALATE WHO EXHIBIT ADEQUATE VELOPHARYNGEAL FUNCTION**

*Steere, Zajac, Fox, van Aalst*

8:00AM **171**

#### **CEACAM1 REQUIREMENT IN MOUSE EMBRYONIC PALATAL FUSION**

*Mima, Kogo, Nohara, Tanaka, Hieda, Sakai*

8:00AM **172**

#### **PATIENT OUTCOMES: A SURVEY OF TEAM CARE**

*Madison, Weltzien*

8:00AM **173**

#### **CHILD AND FAMILY DEVELOPMENTAL MILESTONES AND EDUCATIONAL NEEDS**

*Ziegert, Tercha, Gavin-Evans*

8:00AM **174**

#### **CLEFT MICROSTOMIA MICROGNATHIA (BETTEX GRAF) SYNDROME NEW CASES AND A REVIEW OF THE CLINICAL AND GENETIC CHARACTERISTICS**

*Pham, Redett, Vander Kolk, Boyadjiev*

8:00AM **175**  
**IDENTIFICATION OF EARLY UPPER JAW PATTERNING GENES IN EDNRA MUTANT EMBRYOS**  
*Ruest, Zhang*

- 8:00AM **176**  
**PRENATAL COUNSELING'S EFFECT ON RATES OF NEONATAL INTENSIVE CARE ADMISSION FOR FEEDING RELATED ISSUES**  
*Hubbard, Baker, Muzaffar*
- 8:00AM **177**  
**COORDINATING CARE FOR A RURAL FAMILY: MINIMIZNG RETURNS-MAXIMIZING POTENTIAL-SURGERY AND INTENSIVE SPEECH-LANGUAGE THERAPY: A COST BENEFIT COMPARISON**  
*Steffen, Allen, Valdez*
- 8:00AM **178**  
**TYPE III COLLAGEN-DEFICIENT MICE EXHIBIT ALTERED CRANIOFACIAL AND SKELETAL EVELOPMENT**  
*Shah, Cohen, Volk, Adams*
- 8:00AM **179**  
**CHANGE IN NEUROMUSCULAR UNITS OF THE LEVATOR VELI PALATINI MUSCLE RECRUITED DURING SPEECH IN ASSOCIATION WITH PLACEMENT OF A SPEECH AID PROSTHESIS**  
*Nohara, Takai, Satoh, Sakai*
- 8:00AM **180**  
**IMMUNOHISTOCHEMICAL STUDIES OF NONDEMINERALIZED DEVELOPING HARD TISSUE FOR FUTURE RECONSTRUCTION**  
*Buckley, Lieb, Lam, Beniash*
- 8:00AM **181**  
**CLEFT TEAM ADVOCACY PROGRAM IN AFRICA: A TWO YEAR PROGRESS REPORT**  
*Hing, Cunningham, Hopper, Gruss, Birgfeld, Jonmarker, Pittaway, Sittler, Kinter, Eblen, Davis, Donkor*
- 8:00AM **182**  
**DETECTION OF MICRODELETION/MICRODUPLICATIONS IN CASES WITH CLEFT LIP AND PALATE USING HIGH RESOLUTION ARRAY CGH**  
*Petrin, Manak, Murray*
- 8:00AM **183**  
**DIFFERENCES IN THE PREVALENCE OF COMPENSATORY ARTICULATIONS FOLLOWING FURLOW'S OR PUSHBACK PALATOPLASTY**  
*Sugiyama, Nohara, Takai, Sakai, Kogo, Tanaka*
- 8:00AM **184**  
**CLEFT PALATE PEDAGOGY AND ACADEMIC PUBLIC SERVICE: DISSEMINATING KNOWLEDGE ONE GOOGLE 'KNOL' AT A TIME**  
*Cohn, Galera, Ford*
- 8:00AM **185**  
**IMPROVING STUDENTS' UNDERSTANDING OF CLEFT PALATE SURGERY THROUGH COMPUTER TECHNOLOGY**  
*Perry, Kuehn, Cunningham*
- 8:00AM **186**  
**MAXILLARY ANTERIOR SEGMENTAL DISTRACTION OSTEOGENESIS BY HYBRID DISTRACTOR SUCCESSFULLY DEMONSTRATE THE ROTATIONAL SEGMENTAL MOVEMENTS IN PATIENTS WITH CLEFT LIP AND CLEFT PLATE**  
*Tanaka, Iida, Aikawa, Ishibashi, Kogo*
- 8:00AM **187**  
**MANDIBULAR ASYMMETRY IN SUBJECTS WITH A CLP**  
*Akcam, Memikoglu, Ozel, Baspinar*

8:00AM **188**  
**PROPORTIONAL CHANGES IN NOSTRIL WIDTH AFTER UNILATERAL CLEFT LIP REPAIR**  
*Bermudez, Carter, Magee*

8:00AM **189**  
**THE ICF APPLICATION TO CLEFT LIP AND PALATE: A CASE REPORT**  
*Madison, Bowman, Pimentel*

#### **VIDEO PRESENTATION**

Wednesday, March 17th

8:00AM-5:00PM

**Goal:** To create a visual forum for the sharing of interdisciplinary research and treatments for patients with cleft and craniofacial conditions.

8:00AM **231**  
**TEN YEAR REVIEW OF PROSTHETIC TREATMENT OF VELOPHARYNGEAL DYSFUNCTION**  
*Pegoraro-Krook, Dutka, Aferri, Uemeoka, Cassoto, Souza, Waldrigui, Costa*

#### **POSTER SESSION B**

Thursday, March 18th

8:00AM-5:00PM

**Goal:** To create a visual forum for the sharing of interdisciplinary research and treatments for patients with left and craniofacial conditions.

8:00AM **190**  
**TRANSFER OF ACOUSTIC ENERGY ACROSS THE HARD AND SOFT PALATE**  
*Blanton, Watterson, Lewis*

8:00AM **191**  
**LEFORT III DISTRACTION: CONTROLLING POSITION AND PATH OF THE OSTEOTOMIZED MIDFACE SEGMENT ON A RIGID PLATFORM- DEVELOPMENT OF A NEW DEVICE**  
*Shetye, Grayson, McCarthy*

8:00AM **192**  
**PSEUDOTUMOR CEREBRI IN PATIENTS WITH NON-SYNDROMIC SINGLE SUTURE CRANIOSYNOSTOSIS**  
*Leis, Dunbar, Zouros, Ray*

8:00AM **193**  
**DO PATIENTS WITH CRANIOSYNOSTOSIS HAVE AN INCREASED INCIDENCE OF AUDITORY NEUROPATHY AS NEWBORNS?**  
*Hubbard, Scheele, Rice, Muzaffar*

8:00AM **194**  
**COMPARISON OF THREE TECHNIQUES TO OBTAIN NASAL SYMMETRY IN PATIENTS WITH BILATERAL CLEFT LIP**  
*Chang, Chen*

8:00AM **195**  
**THE MODIFIED NASOALVEOLAR MOLDING APPLIANCE AT RAMATHIBODI HOSPITAL: DIRECT ACTIVATION METHOD AND TREATMENT OUTCOME**  
*Disthaporn*

- 8:00AM **196**  
**A MODIFIED REICHERT'S TECHNIQUE FOR UNILATERAL CLEFT LIP REPAIR**  
*Rossell-Perry*
- 8:00AM **198**  
**THE ROLE OF THE PEDIATRICIAN AND OTHER PRIMARY HEALTH PROVIDERS IN THE EARLY IDENTIFICATION OF PATIENTS WITH VCFS**  
*Leon-Salazar, Beiraghi, Kolts, Anderson*
- 8:00AM **199**  
**SEQUENCE OF CRANIO-FRONTO-ORBITAL RECONSTRUCTION IN SYNDROMIC PANSYNOSTOSIS ASSISTED WITH DISTRACTION OSTEOGENESIS AND TISSUE EXPANSION**  
*Singhal*
- 8:00AM **200**  
**MODIFICATION OF POTTER'S TECHNIQUE IN CONSECUTIVE CASES OF RESIDUAL UNILATERAL CLEFT NASAL DEFORMITY**  
*Marcus, Walsh*
- 8:00AM **201**  
**PEDIATRIC LARGE-SCALE CALVARIAL RECONSTRUCTION WITH POROUS POLYETHYLENE ALLOPLASTIC IMPLANTS**  
*Lin, Grunwaldt, Jiang, Kinsella, Cooper, Losee*
- ~~8:00AM **202**  
**UNILATERAL CORONAL SYNOSTOSIS: FRONTO-ORBITAL ADVANCEMENT VS. ENDOSCOPIC SUTURECTOMY/HELMET THERAPY**  
*Tan, Proctor, Mulliken, Rogers* **WITHDRAWN**~~
- 8:00AM **203**  
**WAITING AND LEARNING: PARENTAL PERCEPTIONS OF INFORMATION SHARING SESSIONS**  
*Louw, Louw, Kola, Smith, Shibambu*
- 8:00AM **204**  
**HOME MANAGEMENT OF FEEDING FOR INFANTS WITH PIERRE ROBIN SEQUENCE**  
*Harkness*
- 8:00AM **205**  
**THERAPY WITH BONE MARROW MESENCHYMAL STEM CELLS AND HYALURONIC ACID IN RABBIT CALVARIA**  
*Ramalho*
- 8:00AM **206**  
**HYPODONTIA PATTERNS IN DOWN SYNDROME AND THEIR ASSOCIATION WITH REGIONAL FACIAL DIMENSIONS**  
*Suri, Tompson*
- 8:00AM **207**  
**A STUDY MODEL ANALYSIS OF ADULTS WITH UNOPERATED CLEFT PALATE**  
*Chen, Wang*
- 8:00AM **208**  
**HOSPITAL -BASED DATA ON CLEFT STATUS AND POSSIBLE RISK FACTORS IN MONGOLIANS**  
*Garidkhuu, Unurbileg, Baasan, Bazar, Tserenkhuu, Yoshida, Nagato, Hatsuhiko, Akira*
- 8:00AM **209**  
**CLEFT TEAM - PARENTS COMMUNICATION: A LONG AND WINDING ROAD**  
*Herzog*

## **VIDEO PRESENTATION**

Thursday, March 18th

8:00AM-5:00PM

- 8:00AM **232**  
**BILATERAL CLEFT LIP REVISIONS: THE ABBE FLAP**  
*Ellsworth, Koshy, Sandoval, Hatef, Hollier, Stal*

## **POSTER SESSION C**

Thursday, March 18th and Friday, March 19th

**Goal:** To create a visual forum for the sharing of interdisciplinary research and treatments for patients with cleft and craniofacial conditions.

Thursday, March 18th

- 8:00AM **218**  
**COMPENSATORY ARTICULATION PRODUCTION IN PRESCHOOLERS WITH CLEFT PALATE**  
*Chapman, Hardin-Jones*

Friday, March 19th

- 8:00AM **210**  
**DOES VOMERINE FLAP CLOSURE AT LIP REPAIR CHANGE MAXILLARY DIMENSIONS AT PALATE REPAIR?**  
*Maggiulli, Hay, Mars, Worrall, Green, Sommerlad*
- 8:00AM **211**  
**SINGLE Z-PLASTY VERSUS DOUBLE-OPPOSING Z-PLASTY: A CADAVERIC STUDY OF PALATAL LENGTHENING**  
*Chaiyasate, Sachanandani, Woo*
- 8:00AM **212**  
**THE FLORIDA CLEFT AND CRANIOFACIAL FAMILY NETWORK**  
*Yenatska, Williams, Sloyer, Coon*
- 8:00AM **213**  
**PROFESSIONAL AND FAMILY COMMUNICATION ACCORDING TO PATIENT'S PSYCHOSOCIAL DEVELOPMENT**  
*De Felipe, Gewirtz*
- 8:00AM **214**  
**MODIFICATION OF PERIORAL STIFFNESS IN CHILDREN WITH REPAIRED CLEFT LIP/PALATE**  
*Barlow, Trotman, Chu, Lee, Kieweg*
- 8:00AM **215**  
**THE EFFECT OF COLLAGEN COATED CRYSTALLIZED HYDROXYAPATITE IN GROWTH OF OSTEOBLAST IN VITRO**  
*Park, Kim, Kim, Choi*
- 8:00AM **216**  
**SUCCESSFUL STAGED CORRECTION OF TRANSPHENOIDAL ENCEPHALOCELES**  
*Kohan, Katchikian, Yaghoubian, Lazareff, Kawamoto, Bradley*
- 8:00AM **217**  
**EVALUATION OF THE PERIODONTAL STATUS OF PATIENTS WITH CLEFT LIP AND PALATE**  
*Fraga de Almeida*

- 8:00AM **219**  
**A PROTOCOL FOR DETERMINING THE PRESENCE OF GERD IN INDIVIDUALS WITH CLEFT LIP AND/OR PALATE**  
*Hauk, Maruska, Emerson, Giroto, Koltz*
- 8:00AM **220**  
**CAPTURING THE NOSE: USE OF 3D SHAPE DESCRIPTORS TO CHARACTERIZE VARIATION IN NASAL FORM**  
*Heike, Wu, Wilamowska, Hing, Shapiro*
- 8:00AM **221**  
**A NEW RESORBABLE PLATE AND SCREW SYSTEM FOR CRANIOFACIAL SURGERY: PROSPECTIVE STUDY IN 134 PEDIATRIC PATIENTS**  
*Wood, Petronio, Graupman, Gear, Shell*
- 8:00AM **223**  
**VARIATIONS IN VELOPHARYNGEAL STRUCTURES BETWEEN UPRIGHT AND SUPINE POSITIONS USING UPRIGHT MAGNETIC RESONANCE IMAGING**  
*Perry*
- 8:00AM **224**  
**THE CRANIOFACIAL PROGRAM PORTRAIT PROJECT: INCORPORATING ART INTO TREATMENT**  
*Crerand, Sarwer, Bartlett, Whitaker, Yannelli, Pennie, Shanks*
- 8:00AM **225**  
**CRANIOSYNOSTOSIS IN TWINS: A SYSTEMATIC REVIEW AND META-ANALYSIS**  
*Lakin, Sinkin, Koltz, Giroto*
- 8:00AM **226**  
**LANGUAGE AND SPEECH STIMULATION - A METHOD FOR PARENTS TO USE TO IMPROVE CHILDREN'S SPEECH PRODUCTION**  
*Odeh*
- 8:00AM **227**  
**A COMPREHENSIVE EVALUATION OF PHILTRAL MORPHOLOGY USING A THREE-DIMENSIONAL LASER SCANNER AS CONTROL DATA UNDERLYING CLEFT SURGERY**  
*Kishi, Tanaka, Iida, Sakai, Kogo*
- 8:00AM **228**  
**CLEFT LIP AND PALATE SURVEILLANCE AT THE CENTER FOR MONITORING OF CONGENITAL ABNORMALITIES IN MONGOLIA**  
*Natsume, Imai, Koshiji, Senda, Maeda, Otsuka, Numabe, Yoshida, B. Bulgan, Azzaya, Ariuntuul, Erkhembaatar*
- 8:00AM **229**  
**THE FAMILY'S PATTERNS AND ARRANGEMENTS NOWADAYS: A STUDY IN THE CRANIOFACIAL AREA**  
*Sant'Ana, Blattner, Graciano, Mesquita*
- 8:00AM **230**  
**POST SURGICAL ORAL APPLIANCE FOR SEVERE OPENING RESTRICTION**  
*Da Silveira, Kelley*

#### **VIDEO PRESENTATION**

Friday, March 19th

8:00AM-5:00PM

- 8:00AM **233**  
**TEACHING CAREGIVERS ABOUT THE ROLE OF VELOPHARYNX DURING PRODUCTION OF SPEECH SOUNDS**  
*Dutka, Souza, Costa, Pegoraro-Krook, Cassoto, Alves-Neves*

## **COMMERCIAL EXHIBITS**

We are pleased to welcome the following exhibitors who have registered to date:

- 3dMD
- Allen Press, Inc.
- Biomet Microfixation
- Canfield Imaging Systems
- CMF Medicon Surgical, Inc
- Custom Medical Components
- Elsevier
- Lippincott Williams & Wilkins
- Lumitex, MD
- KayPENTAX
- KLS-Martin, LP
- Materialise
- Medical Modeling
- The Medi-Kid Co. Inc
- Orthomerica Products
- Pediatric Medical Solutions
- Porex Surgical, Inc.
- Q-Optics & Quality Aspirators
- Stryker
- Synthes CMF

**Saturday, March 20th**



**ASHA-ACPA Post-Conference Symposium for Speech Language Pathologists**  
Saturday, March 20, 2010 (1:00pm-5:30pm)

*ASHA Special Interest Division 5, Speech Science and Orofacial Disorders and the American Cleft Palate-Craniofacial Association present a special post-conference symposium for speech-language pathologists:*

**Practical Applications for Assessment and Treatment of Children with Cleft Palate  
Speech and Resonance Disorders**



**ASHA Special Interest Division 5 (Speech Science)** is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-

language pathology and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This course is offered for 0.4 ASHA CEUs (Introductory level, Professional area).

Professionals \$50

Students \$35

Speakers: Dianne Altuna, MA, CCC-SLP, Katy Hufnagle, MS, CCC-SLP, Kristina Wilson, PhD, CCC-SLP

**Learner Objectives:**

1. Participants will be able to identify important factors of a team approach in the evaluation and management of children with cleft palate or velopharyngeal dysfunction disorders.
2. Participants will be able to identify key aspects of the role of the speech – language pathologist (SLP) during the first two years of life in the child born with cleft palate.
3. Participants will be able to describe misarticulations associated with cleft palate and velopharyngeal inadequacy, and techniques for treating cleft-type errors.
4. Participants will be able to differentiate between developmental and physiological assessment of speech disorders related to cleft palate and/or velopharyngeal insufficiency.
5. Participants will be able to describe speech disorders related to cleft palate and/or velopharyngeal insufficiency based on physiologic factors.
6. Participants will be able to demonstrate management techniques for replacing compensatory articulation with articulation that is normal in both place and manner of production.
7. Participants will be able to describe models of interaction between the team SLP and community SLP.

**Scheduled Topics:**

- Assessment of Speech and Resonance Disorders
- Management of Glottal Stops and Other Difficult Speech Disorders Associated with Cleft Palate/VPI
- Collaborating with Your Local Team

## **REGISTRATION INFORMATION AND POLICIES**

### **CONFERENCE FEES**

Fees apply to each attendee. With the exception of Life Member, and Student Registrations (see below), social events are included in the registration for the 67th Annual Meeting. Extra social event packages may be purchased for guests.

**Separate registration fees are required for the Pre-Conference Symposium, Eye Openers, Study Sessions, the Ethics Roundtable Lunch, and the ASCFS Business Luncheon.**

Eye Openers are one hour mini-courses. Coffee and muffins are included in the registration fee.

Study Sessions are 90-minute short courses exploring a single subject in-depth by one or more faculty members. The scientific program includes two groups of study sessions.

Limited space is available for Eye Openers and Study Sessions. Registration is accepted on a first-come-first-served basis.

**Advance registration is available at a discounted rate up until February 12, 2010.**

### **STUDENT/RESIDENT REGISTRATION**

Student/resident registrations now include a ticket to the Welcoming Reception but do not include tickets to the Annual Luncheon or the Gala. Other registrants are asked to donate unused tickets to students and residents. However, there is no guarantee that tickets will be available. Students and residents may purchase tickets for these functions if guaranteed entrance is desired.

**Student and resident non-members must enclose a statement from their department head attesting to current student or resident status.**

### **LIFE MEMBER REGISTRATION**

ACPA's life members are welcome to complimentary registration to the scientific sessions of the annual meeting. Due to expenses incurred for other sessions (pre-conference, study sessions and eye openers) and the social events, separate registration fees must be paid to attend these events. Life member registrations now include a ticket to the Welcoming Reception **but do not include** tickets to the Annual Luncheon or the Gala.

### **PAYMENT POLICY**

We regret that we cannot offer reduced registration fees for partial attendance. All payments for registration and social events must be paid in full by personal or institutional check, U.S. money order, or credit card (Visa or Mastercard). On-site registrations must be paid in full at registration. Payment must be made in U.S. funds and drawn on a U.S. bank.

### **CANCELLATION POLICY**

There is a 25% administrative fee for cancellations postmarked prior to February 15, 2010. Cancellations postmarked February, 15 through March 12, 2010 will receive a 50% refund. No refunds will be provided after March 12, 2010. All cancellations must be received in writing with postmark and receipt date determining refund action.

ACPA is not responsible for travel expenses or penalties under any circumstances. Attendees voluntarily assume all risks involved in travel to and from the meeting and in attendance at and participation in the program. ACPA and the Omni Fort Worth Hotel shall not be liable for any loss, injury, or damage to person or property resulting directly or indirectly from any acts of God, acts of government or other authorities, civil disturbances, acts of terrorism, riots, thefts, or from any other similar causes.

### **SUBSTITUTIONS**

Substitutions are accepted but must be sent in writing to the National Office and received before the cancellation policy deadline of March 12, 2010.

### **NEED A ROOMMATE?**

If you would like to share a hotel room with another attendee, Amatullah King at the National Office will be maintaining a list of others who wish to do the same. Please contact her at (919)933-9044 or email [meetings@acpa-cpf.org](mailto:meetings@acpa-cpf.org) and she will try to connect you with a potential roommate.

### **ARE YOU A MEMBER OF ACPA?**

Members register for \$175 less than non-members. This is equal to the amount of 2010 dues. If you apply and prepay your dues, you may register for the Annual Meeting at the member rate. Contact Rafael Goldberg at 919.933.9044 or email [membership@acpa-cpf.org](mailto:membership@acpa-cpf.org) for information or to receive an application.

## SOCIAL EVENTS

TUESDAY, MARCH 16th

### **ACPA/CPF Presidents' Welcoming Reception**

Join ACPA President Isaac L. Wornom, III, MD, FACS and CPF President Earl Seaver, PhD for cash bar and light hors d'oeuvres.

WEDNESDAY, MARCH 17th

### **Past Presidents' Breakfast**

Open only to past and current Presidents of the American Cleft Palate-Craniofacial Association and the Cleft Palate Foundation.

### **CPF "Good Sports" Event – Wine and Cheese Reception**

THURSDAY, MARCH 18th

### **Annual Awards Luncheon**

Presentation of ACPA and CPF awards and scholarships.

### **ASHA Division 5 Reception**

Cash bar and hors d'oeuvres. The steering committee of ASHA's Division 5 is sponsoring an informal meeting and reception for speech pathologists/speech scientists. This is an opportunity to meet others with similar interests and learn more about the activities of the Division as well as its relationship with ACPA.

FRIDAY, MARCH 19th

### **ACPA's Annual Gala**

#### **DENIM DANCE AT THE RIVER RANCH**

Put on your jeans, polish your boots and head to the River Ranch with your ACPA partners! Located in the famous Fort Worth Stockyards (for history visit [http://www.fortworthstockyards.org/history\\_overview.aspx](http://www.fortworthstockyards.org/history_overview.aspx)) the River Ranch will give you a real taste of Texas just a short bus ride from the Omni.

We'll have country line dance and Texas Two-Step instructions, a Chuckwagon buffet, and Revolving Door – our 6-member band -- will keep our toes a tappin'! You won't want to miss yet another in a long line of super ACPA parties!

## HOTEL INFORMATION

The 67th Annual Meeting of ACPA will be held at the **Omni Fort Worth Hotel** in downtown **Fort Worth, Texas**. The ACPA Meeting rate is \$179 plus tax for single or double rooms. To reserve your hotel room, please visit [www.acpa-cpf.org](http://www.acpa-cpf.org), and follow the links to the venue/hotel info and registration page, or call 1-800- **843-6664**, and mention group code **ACPA 2010**.

## TRAVEL INFORMATION

For Hotel Travel, Airport Information, and Directions to the Omni Fort Worth Hotel, please visit [www.acpa-cpf.org](http://www.acpa-cpf.org), and follow the links to the venue/travel info page.

## INTERNATIONAL TRAVELERS

Please visit [http://travel.state.gov/visa/visa\\_1750.html](http://travel.state.gov/visa/visa_1750.html) to update yourself on the newest rules and regulations for travel to the United States.

### **ACPA 67th Annual Meeting**

**REGISTRATION FORM -- Please Print Neatly or Type**

FULL NAME (to appear on badge) \_\_\_\_\_

FIRST NAME or NICKNAME (to appear on badge) \_\_\_\_\_

DEGREES \_\_\_\_\_

DISCIPLINE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE/PROV. \_\_\_\_\_

ZIP/POSTAL \_\_\_\_\_

COUNTRY \_\_\_\_\_ DAYTIME PHONE (\_\_\_\_\_) \_\_\_\_\_ FAX (\_\_\_\_\_) \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

**ANNUAL MEETING: March 16-20, 2010**

<i>Type of Registration</i>	<i>By 2/12/2010</i>	<i>After 2/12 or On-site</i>	<i>Amount</i>
<input type="radio"/> ACPA MEMBER (includes social events)		\$400	_____
<input type="radio"/> NON-MEMBER <sup>1</sup> (includes social events)		\$575	_____
<input type="radio"/> STUDENT/RESIDENT MEMBER <sup>2</sup>		\$50	_____
<input type="radio"/> STUDENT/RESIDENT NON-MEMBER <sup>2</sup>		\$200	_____
<input type="radio"/> LIFE MEMBER (social events are not included)			_____

**PRE-CONFERENCE SYMPOSIUM I: March 15-16, 2010**

**Multidisciplinary Care of the Patient With Craniofacial Anomalies** (co-sponsored by the American Society of Craniofacial Surgery)

<i>Type of Registration</i>	<i>After 2/12 or On-site</i>	<i>Amount</i>
<input type="radio"/> ACPA MEMBER (includes social events)	\$225	_____
<input type="radio"/> NON-MEMBER <sup>1</sup> (includes social events)	\$275	_____
<input type="radio"/> STUDENT/RESIDENT MEMBER <sup>2</sup>	\$125	_____
<input type="radio"/> STUDENT/RESIDENT NON-MEMBER <sup>2</sup>	\$175	_____
<input type="radio"/> LIFE MEMBER (social events are not included)		_____

**PRE-CONFERENCE SYMPOSIUM II: March 16, 2010**

**Nuts & Bolts for Team Care**

<input type="radio"/> WITH ANNUAL MEETING REGISTRATION (Lunch included)	\$50	_____
<input type="radio"/> WITHOUT ANNUAL MEETING REGISTRATION (Lunch included)	\$75	_____

**STUDY SESSIONS: March 18, 2010**

GROUP I (A-F): INDICATE ONE COURSE IN GROUP I

2:30 – 4:00 PM A-F _____ 2 <sup>ND</sup> CHOICE _____	\$35	_____
---	------	-------

GROUP II (G-L): INDICATE ONE COURSE IN GROUP II

4:30 – 6:00 PM G-L _____ 2 <sup>ND</sup> CHOICE _____	\$35	_____
---	------	-------

**Subtotal Page 1** \_\_\_\_\_

<sup>1</sup> **NON-MEMBERS:** Are you interested in becoming a member of ACPA? Professionals interested in the area of habilitation and/or research concerned with the study and treatment of cleft palate and related craniofacial anomalies are invited to apply for membership. Included in the membership fee are such benefits as a subscription to the Cleft Palate-Craniofacial Journal and quarterly newsletter, ACPA Membership-Team Directory, other informational mailings, and discount registration fees to the ANNUAL MEETING. You may register for the ANNUAL MEETING at the member rate if an application for membership and pre-payment of dues (and entrance fee) are on file at the National Office. Please contact Rafael Goldberg at (919)933-9044 for information and to receive an application.

<sup>2</sup> **STUDENT/RESIDENT REGISTRATIONS** do not include tickets to the Annual Luncheon or Gala. Student & resident non-members must enclose a statement from their department head attesting to current student or resident status.

**EYE OPENERS: March 17-18-2010. 7:00AM-8:00AM**

WEDNESDAY, March 17 (Choose one course from GROUP 1)

Choose only ONE Course: Please Note \$5 reservation fee is non-refundable

INDICATE COURSE # 1 - #5: 1<sup>ST</sup> Choice \_\_\_\_\_ 2<sup>ND</sup> Choice \_\_\_\_\_ \$5 \_\_\_\_\_

THURSDAY, March 18 (Choose one course from GROUP 2)

INDICATE COURSE #6 - #10: 1<sup>ST</sup> Choice \_\_\_\_\_ 2<sup>ND</sup> Choice \_\_\_\_\_ \$25 \_\_\_\_\_

**OTHER EVENTS**

**CLEFT PALATE FOUNDATION "GOOD SPORTS" BENEFIT: Wednesday, March 17<sup>th</sup>, 7:30PM**

(Includes entrance fee, t-shirt, and a minimum \$25 contribution to CPF)

Please circle your T-shirt size: S M L XL XXL Minimum Contribution: \$100 \_\_\_\_\_

**STUDENT/RESIDENT AND LIFE MEMBER SOCIAL PACKAGE:**

Includes Thursday's Annual Luncheon, and Friday's Gala

(Welcoming Reception is included with Registration) \$100 \_\_\_\_\_

**GUEST/SPOUSE SOCIAL EVENT PACKAGE:**

(Includes tickets to Tuesday Night's Welcoming Reception, Thursday's Annual Luncheon, and Friday's Gala)

\$135 \_\_\_\_\_

Guest's Name: \_\_\_\_\_

(Note: Except for student/residents, and life member registrations, one social event package is included with meeting registration)

**PAST PRESIDENTS' BREAKFAST**

(Wednesday, March 17, 7:30AM)

Check here for reservation

Open only to Past and Current Presidents of the American Cleft Palate-Craniofacial Association and Cleft Palate Foundation

**ASHA DIVISION 5 MEETING AND RECEPTION**

(Thursday, March 18, 6:30PM)

Check here for reservation

Open to Speech Pathologists and Scientists

**ETHICS ROUNDTABLE (Registration required)**

Check here for reservation/no lunch

o WITH LUNCH

\$30 \_\_\_\_\_

**ASCFS LUNCHEON**

(Friday, March 19, 12:00PM-1:30PM)

\$40 \_\_\_\_\_

Open only to members of the American Society of Craniofacial Surgery

**ACPA/ASHA Post-Conference Symposium for Speech Language Pathologists**

(Saturday, March 20, 1:00PM-5:30PM)

Professionals: \$50 \_\_\_\_\_

Students: \$35 \_\_\_\_\_

**CONNECTIONS – PARENT/PATIENT CONFERENCE: March 13, 2010**

o WITH ACPA REGISTRATION \$30 \_\_\_\_\_

o WITHOUT ANNUAL MEETING REGISTRATION \$50 \_\_\_\_\_

I will not be able to attend the conference but please send me a program. \$15 \_\_\_\_\_

I would like to make a contribution at this time to the Cleft Palate Foundation. \_\_\_\_\_

I am attending the ACPA Annual Meeting for the first time. Check here

**TOTAL AMOUNT ENCLOSED** \$ \_\_\_\_\_

---

**PAYMENT INFORMATION**

**PAYMENT POLICY:** We regret that we cannot offer reduced registration fees for partial attendance. All payments for registration and social events must be paid in full by personal or institutional check, U.S. money order, or credit card. On-site registrations must be paid in full at registration.

PAYMENTS MUST BE MADE IN U.S. FUNDS AND DRAWN ON A U.S. BANK.  
MAKE CHECKS PAYABLE TO ACPA, AND MAIL OR FAX THIS FORM TO:

**ACPA**  
**1504 East Franklin Street, Suite 102**  
**Chapel Hill, NC 27514-2820**  
**FAX: (919)933-9604**

Please charge ACPA Annual Meeting registration to my:

(Circle One)    **Visa**                      **MasterCard**  
                         (13 or 16 numbers)      (16 numbers)

Account Number: \_\_\_\_\_

Credit Card Security Number (on back of most cards) \_\_\_\_\_

Expiration Date: \_\_\_\_\_ (MO-YR)

---

*Signature*