American Dental Education Association

Oral and Maxillofacial Radiology Section

January 2010 Newsletter Volume 15, No. 1

Section Officers 2009 – 2010
Chair:
Dr. Jahanzeb Chaudhry
University of Tennessee Health Science Center
College of Dentistry
875 Union Avenue
Memphis, TN 38163
Phone: 901-448-6171
FAX: 901-448-2671
Email: jahanzeb.chaudhry@utmem.edu

Chair-elect:
Dr. Vijay Parashar
University of Detroit Mercy School of Dentistry
2700 Martin Luther King, Jr, Blvd
Detroit, MI 48208-2576
Phone: 313-494-6884
FAX: 313-494-6666
Email: parashav@udmercy.edu

Secretary:
Dr. Anitha Potluri
937 Montclair Dr
Moon Township, PA 15108
Phone: 412-648-8633
FAX: 412-648-3659
Email: anp60@dental.pitt.edu

Councilor:
Dr. James R. Geist
University of Detroit Mercy
School of Dentistry
2700 Martin Luther King, Jr, Blvd
Detroit, MI 48208-2576
Phone: 313-494-6675
FAX: 313-494-6666
Email: geistjr@udmercy.edu

OMR Section Mission Statement

The Oral and Maxillofacial Radiology section works within the framework of the ADEA to provide a forum for oral and maxillofacial radiology educators in dentistry and its allied professions, formulates educational goals and clinical competencies in oral and maxillofacial radiology and develops educational strategies based on educational research and development.

Section Program on CBCT in Dental Education

Our section Chair-elect, Vijay Parashar, has prepared a section program for this year’s Annual Session that will provide timely and valuable information for those who incorporate cone-beam computed tomography in their undergraduate radiology curriculum. The program, entitled “Inclusion of Cone Beam 3-D Imaging in Dental Education”, will be presented on Monday, March 1, 2010, from 1:15 to 2:45 p.m.

Please see page 4 for more information about the program.

Call for Nominations for Section Secretary

Each year at the members’ forum the OMR section elects a new Secretary, whose term of office begins at the conclusion of the ADEA Annual Session.

The Secretary is responsible for recording the minutes of the Members’ Forum and the interim meeting of section officers, which is usually conducted during the AAOMR Annual Session. After one year, the Secretary rotates into the office of Chair-elect, who has the responsibility of planning the section program. In the third year, this officer assumes the duties of Chair, who presides over the Members’ Forum and represents the section at the ADEA House of Delegates meetings at the Annual Session.

We need to identify motivated people to serve as section officers. If you are interested or know somebody who is, please contact Vijay Parashar or Jim Geist as soon as possible before the section meeting.
Minutes of the OMR
Members’ Forum
March 17, 2009
Phoenix, Arizona

The meeting was called to order at 12:15 by Section Councilor Dr. Margot Van Dis. None of the other Section officers could be in attendance at this year’s meeting. Eight additional Section members were present.

Councilor’s Report:
The Council of Sections Administrative Board reviewed its goals at Saturday’s meeting. They are as follows:

**Goal #1. To shape the dental curriculum for the future**
The action to achieve this goal is the CCI project to define Foundational Knowledge in support of the CCI competencies that were approved at last year’s meeting.

Our Section had already completed a document several years ago outlining behaviors, knowledge and skills relative to OMR. These were integrated into the format provided by CCI and distributed to the Section member prior to the annual session.

Members at the forum commented that the previous document meshes well with the new format, requiring only minor updates in terminology and modern technology. A central site, such as an ADEA website, would be a good place to post the document to permit members to make comments or suggest modifications. Our administrative liaison, Dr. Allen Otsuka, will investigate this possibility.

**Goal #2. To provide value to members**
The action to support this goal is yet undecided, but there are currently 17,000 members of ADEA, and attendance at this annual session is approximately one-tenth of this. Therefore, ADEA recognizes it will need to provide some benefit of membership to the 90% who cannot attend the annual session.

**Goal #3. To stimulate and support educational research efforts**
The action to support this goal is primarily the COS Project Pool. Dr. Van Dis reviewed the requirements for submission and provided the section with the titles of the projects that were funded last year. She reminded the Section that a minimum of 10% of the project budget needs to be funded by the Section itself. Our Section currently has approximately $3900.

**Goal #4. Enhance leadership, collaboration and development opportunities for faculty**
There are two planned actions to support this goal:
1. There will be a new section officer orientation/training program conducted at this annual session on Wednesday, March 18, from 8:45-9:45. This will become a regular feature of the meeting.
2. There are plans to provide leadership training opportunities during the annual sessions in addition to the formal ADEA leadership programs currently conducted during the course of the year.

The next meeting is in the Washington, D.C. area. It will be conducted from February 27th to March 3rd, 2010. This is an early meeting; therefore, the deadline for submission for a Section Program is June 1, 2009. This deadline is earlier than normal because the annual session is earlier than normal.

Section Chair’s Report:
The Chair was not in attendance and did not submit a report to be read in his absence.

Report from the AAOMR President:
AAOMR President Laurie Carter could not attend the meeting, but a written report was delivered by Bob Cederberg. Its contents are appended here:

I am sorry I couldn’t be with you at this year’s Member’s Forum but I am at the ADA’s Council on Scientific Affairs meeting, which perfectly overlaps the timing of the ADEA Annual Session. My sincere thanks to Dr. Robert Cederberg, AAOMR Councilor for Communications, for graciously agreeing to deliver this report. Since AAOMR’s Annual Session, a number of activities have taken place:

1. The EC continues to use WebEx to host teleweb conferences. This enables us to continue to work more effectively on projects in between in-person meetings that are scheduled for three times a year. We held one in December, another is scheduled for March 23 and another for late April. This hosting format has proved more efficient than electronic meetings as all on the call can see documents on the computer screen and discuss them while one person can actually make alterations to the documents which all can see. The person “controlling the computer” can be reassigned whenever need be. I strongly encourage the use of such tools as WebEx or Go To Meeting to conduct business.

2. I spoke with Dr. Toni Nicholls, Senior Policy Advisor for the Ministry of Health, Ontario, Canada regarding CBCT safety, appropriate use, issues concerning qualifications for using and reading. Ontario is
currently deliberating whether to open up sales of CBCT machines to GPs or restricting their sale to OMRs.

3. I submitted a manuscript on AAOMR to the Journal of the American College of Dentists (JACD) for their upcoming theme issue on the ADA recognized Specialties.

4. I participated in the open portion of the Review Committee on OMR Education of CODA Conference Call.

5. I wrote a letter to Dr. Lisa Koenig, President of ABOMR, requesting that the Board strongly encourage all Diplomates to be AAOMR members, with chief justification being CDEL's upcoming Periodic Review of the Specialties.

6. I wrote letters regarding the AAOMR EC Executive Opinion statement on CBCT published in October 2008 in OOOOE to all State Dental Associations, State Board of Dentistry Executive Directors and Dental School Deans requesting that they publish or post copies of the statement in their Journals/Newsletters/Website. When this was published in OOOOE, it was under the condition that we retained rights to republish or reuse the statement. The letter to the Board of Dentistry EDs also asked a series of questions regarding CBCT use in their state. Replies are incoming. Thank you to Dr. Michael Shrout who did the actual mailings – that's a lot of letters!

7. Dr. Shrout and I attended the Dental Specialties Group meeting and the January CODA meeting (open session) at ADA Headquarters. The Commission has a Task Force which is gathering comment from a variety of Communities of Interest regarding “Proposed Definitions for Language Common to All Specialists”. One of the proposed changes is to delete the term “Proficient” from the Standards. Former thinking is that a student graduating from a DDS/DMD program was to be “Competent” in defined areas and that the new graduate of a specialty program was “Proficient” in defined areas. Re-examination of the constructs led to a revised paradigm that graduates of a DDS/DMD program are still “Competent” in defined areas. Graduates of a specialty training program have reached the level of “Competent” in defined specialty areas, but it takes many years of regular practice in the specialty to reach “Proficient”. Therefore, the Task Force is putting this information out for comment. I will send this electronically to the AAOMR e-mail roster.

**Old Business:**

None.

**New Business:**

Dr. Van Dis’s term as Councilor is concluding. Dr. James Geist was nominated for Councilor and unanimously elected.

Dr. Anitha Potluri, University of Pittsburgh, was nominated for the position of Section Secretary. She had accepted the nomination and was elected unanimously.

The meeting was adjourned at 12:53 pm.

**Council of Sections Interim Meeting October 21 – 24, 2009**

The Interim Meeting of the Council of Sections was held from October 21 – 24, 2009. As fate would have it, this meeting coincided exactly with the Annual Session of the AAOMR! As a result, none of the section officers or Councilor was able to attend.

**OMR Foundation Knowledge and Skills Document**

In 2008 the ADEA House of Delegates approved a document entitled Competencies for the New General Dentist. The purpose of the document is to define the competencies that general dentists should have upon entering practice. The competencies enhance the Institute of Medicine competencies, published in 2002, that illustrate emerging trends in dental health care. It is hoped that the document will serve as a guide for schools as they continue to improve their curricula to promote change and innovation.

The competencies are grouped into six domains, and each competency is supported by foundation knowledge necessary to help the student dentist become competent. The Council of Sections has established a Task Force to determine the foundation

**Section Evaluation 2008 - 2009**

Each year the ADEA Council of Sections (CoS) Administrative Board conducts a review of section performance in accordance with the ADEA Bylaws (Chapter X, Section E). Here is the report from the Board regarding the OMR section for 2008 – 2009:

“The Administrative Board approves of the Section activities for the 2008-2009 year. Although there was no Annual Program Session, it appears that the Section and its members play active roles in curriculum change (CCI and Foundation Knowledge). We hope you will maintain your association with AAOMR and pursue links with other ADEA Sections. It is hoped that officer and member attendance at the Members Forum will increase in future years.”
knowledge that should be included in each of the competencies.

Each section was charged with developing foundation knowledge for the competencies that are relevant to the section’s discipline. We had a great advantage over most sections because a list of foundation knowledge had been prepared several years ago, largely by Lisa Koenig and Gail Williamson, to support the competencies related to OMR. Former Councilor Margot van Dis then formatted their product into the ADEA template for the current competencies.

When I took over as Councilor, I sent the template to our section members, along with the Competencies document and the assignment for each section. Our members were asked to make suggestions and comments about the foundation knowledge necessary to support the competencies. After adding some foundation knowledge on digital radiology and CBCT, I submitted our section’s recommendations to Dr. Jerry Glickman, Task Force Chair, in June 2009. We were among the first sections and special interest groups to forward our data to the Task Force.

I would like to thank all those who made some very helpful comments, and again express much thanks to Lisa, Gail and Margot for doing the majority of the work! If anybody would like to see our final document, please send me an email and I will send it to you. Space considerations prohibit its inclusion in the Newsletter.

**Section Program:**
Inclusion of Cone-Beam 3-D Imaging in Dental Education

Cone beam volumetric tomography has gained intense interest and acceptance in the dental community over the last few years. Cone beam 3-

Dimensional imaging has numerous applications and is being widely used in the practice of dentistry.

Predoctoral dental students attending dental school should be familiar with this new imaging modality, as they will be performing dental treatments during the course of their professional career based on 3D images. There is a need to modify the current dental curriculum to accommodate and include the information about 3-D imaging.

Dental students should be trained to understand the physics behind the acquisition of the 3-D cone beam scan. They should be familiar with the normal anatomy in three planes, which can better prepare them to identify abnormal appearance of the pathology. The oral radiology curriculum should also include information about various applications of cone beam imaging including dental implant planning along with introduction to implant planning softwares, which can simulate dental implant placement.

Inclusion of cone beam imaging in the dental curriculum will better prepare the graduating dental students to apply 3D imaging for treatment planning. A panel of dental school faculty will discuss the new imaging modality and evaluate the benefits of incorporating it in the dental curriculum.

**Presenters:**
Vijay Parashar  
Jim Geist  
Steve Singer

Want to post something in the Newsletter? Please send all contributions to Jim Geist at geistjr@udmercy.edu.