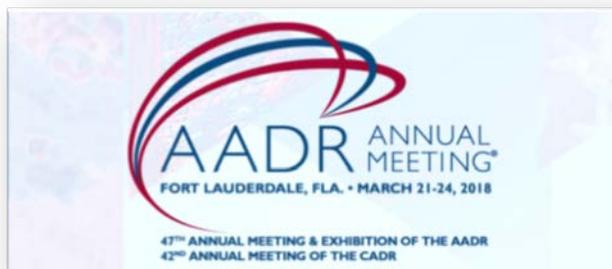


# CRANIOFACIAL BIOLOGY GROUP 2017 SUMMER UPDATE



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## Greetings!

The Craniofacial Biology Group had a landmark meeting in San Francisco at the 95<sup>th</sup> General Session & Exhibition of the IADR with a large turnout! We are looking forward to seeing everyone at the AADR/CADR Annual Meeting & Exhibition in Fort Lauderdale, FL, March 21–24, 2018.



The 2017 IADR program featured investigations in Craniofacial Biology with focus on from chairside to bench side research and featuring updates on cutting-edge studies in Orthodontics and Genetics of tooth development, eruption and response to treatment.

At the 2017 General Session & Exhibition of the IADR, the Craniofacial Biology Group had over 150 oral and poster presentations. We hosted several

well-attended symposiums that covered topics such as: adaptation of the masticatory complex, cell migration during craniofacial development, translational dental regeneration, stem cell microenvironment during craniofacial development, history of craniofacial research and the biology behind accelerated tooth movement.

Dr. Greg Huang delivered a well-attended keynote address entitled, “*The evidence on vibration and faster tooth movement: does it work?*”

*S.A. Frazier-Bowers*  
President, CBG



*Dr Greg Huang addresses the audience with a titillating lecture at the CBG symposium 2017.*

# **CALL FOR ABSTRACTS & PROPOSALS:** **2018 AADR/CADR ANNUAL MEETING & EXHIBITION**

The AADR/CADR Annual Meeting attracts scientists from over 40 countries. The AADR/CADR encourages researchers through the world to submit their research. The Annual Meeting will provide scientists with the opportunity to present, network and learn from colleagues worldwide.

**Submit your session proposal or abstract to the Craniofacial Biology Group now for the 47<sup>th</sup> Annual Meeting of the AADR (American Association for Dental Research), which will be held in conjunction with the 42<sup>nd</sup> Annual Meeting of the CADR (Canadian Association for Dental Research), March 21-24, 2018, in Fort Lauderdale, Fla., USA.**

## **IMPORTANT DATES:**

**Session Proposal Submission Deadline - September 18, 2017**

**Abstract Submission Deadline - October 13, 2017**

## **CRANIOFACIAL BIOLOGY GROUP SESSION PROPOSAL INFORMATION:**

Session proposals for the Craniofacial Biology Group include symposia, hands-on workshops, lunch & learning sessions and satellite symposia. Please read the [guidelines for session proposals](#) for important information. All proposals must comply with the [IADR Corporate Sponsorship Policy](#). Approval of sponsorship is required from at least one IADR Scientific Group/Network. Organizers should contact the IADR Scientific Group/Network for the applicable Group(s)/Network(s) for further instruction and approval no later than **September 5, 2017**, prior to submitting the session proposal to the site. Each Scientific Group/Network may have its own protocol on sponsorship approval.

## **ABSTRACT SUBMISSION INFORMATION:**

AAADR/CADR is also accepting abstract submissions for the Annual Meeting. If you are involved in dental, oral and craniofacial research, we urge you to submit an abstract for presentation consideration. Before you submit your abstract, please read the [call for abstracts](#) for important information.

All abstract and session proposal submitters, member and non-member, will access the site through the [Members Portal](#) of the AADR web site. If you are not a member, you will need to create an account in order to submit an abstract for presentation consideration.

Visit [www.iadr.org/2018aaam](http://www.iadr.org/2018aaam) for more information about the AADR/CADR Annual Meeting. Questions may be directed to [research@iadr.org](mailto:research@iadr.org).

## **2017 IADR/AADR/CADR ELECTION RESULTS**

Election results for the Craniofacial Biology Executive Committee positions are as follows:

### ***Vice President: S. Prem Premaraj***



Elected to a four-year cycle that includes one year successively in each of the following offices: Vice President, President-Elect, President, and Immediate Past-President. This leadership position entails administration of the Sarnat and Craniofacial Biology Awards competition (year 1), acting as program chair for annual meeting (year 2), arranging symposia, lunch & learn sessions, and submit the President's Report (year 3), oversee elections and advisory functions (year 4). You must have previously served as Director, Councilor, or Secretary-Treasurer for one term to qualify to run for Vice President.

**Secretary – Treasurer: Geoff Guttman**



Elected to a three-year term. As secretary, responsibilities include providing IADR with updates for the website, keeping minutes of meetings, making logistical arrangements for CBG meetings at the annual AADR/IADR meeting(s), collaborating with IADR headquarters to coordinate annual elections, and maintaining records. As treasurer, responsibilities include making requisitions and requesting invoices through the IADR Headquarters staff, arranging expenses at the annual IADR/AAADR meeting(s), and annually preparing budget reports.

**Directors: Shankar Rengasamy Venugopalan & Richard Sherwood (two positions)**



Elected to a three-year term with primary responsibilities include editing the newsletter, attend the Craniofacial Biology Group Executive Council and Business meetings held during the annual IADR and AADR/CADR meeting(s) and to provide input or assist as necessary with topics identified at the meetings.

**2017 RESEARCH COMPETITION WINNERS**  
**DR. BERNARD G. SARNAT & CRANIOFACIAL BIOLOGY GROUP**  
**AWARDS**

**Congratulations!** We applaud the finalists and winners of the **Dr. Bernard G. Sarnat (Senior) Competition and Craniofacial Biology Junior Competition.**



**Dr. Bernard G. Sarnat Senior Finalists**

**Winner of the Sarnat Senior Competition:**

**Wenjie Yu** (shown on the far right)  
University of Iowa

*Poster title: Pitx2 Controls DESC Proliferation and Differentiation by Targeting the Dental Epithelial Signaling Center*



**Craniofacial Biology Group Junior Finalists**

**Winner of CFB Junior Competition:**

**Christopher Fanelli** (shown on the far right)  
University of Utah

*Poster title: Rescue of Cleft Palate through Dkk1 Inhibition in Pax9*

# 2018 IADR Research Competition: Dr. Bernard G. Sarnat & Craniofacial Biology Group Award Applications...

Applications are being requested from students (dental and graduate), residents in certificate programs, and post-doctoral fellows for the following 2018 awards:

## Dr. Bernard G. Sarnat Award in Craniofacial Biology

- Senior Category (preferably PhD students and post-doctoral fellows)
- US \$500 cash award
- This award is supported by interest from a \$10,000 endowed donation by Dr. Bernard G. Sarnat to the Craniofacial Biology Group and by the membership of the Craniofacial Biology Group.



## Craniofacial Biology Group Award

- Junior Category (preferably MS and dental students, residents in certificate programs)
- US \$300 cash award
- This award is supported by DENTAID and the membership of the Craniofacial Biology Group.

These awards recognize original and outstanding research on craniofacial growth and development.

**YOU MUST BE A 2018 MEMBER OF THE IADR AND THE CFB GROUP TO BE ELIGIBLE FOR THESE AWARDS.**

The awardees will each receive an engraved plaque and the specified monetary prize. Each applicant must be the primary author and presenter of a poster accepted for presentation at the IADR General Session. The applicant must pre-register for the meeting as a student. It is not necessary to send additional documentation of student status. **Selection of competition finalists is based solely on the content of the original abstract submissions.**

**Application Deadline: February 2, 2018**



For more information, go to the IADR CFB Group website link:  
<http://www.iadr.org/IADR/Awards/Scientific-Group-Awards/CRAN>

Additional information about the Sarnat and Craniofacial Biology Group Competition can be obtained from:

Dr. S. Prem Premaraj, B.D.S., M.S., Ph.D., FRCDC(C)  
Room: 2436, UNMC College of Dentistry  
4000 East Campus Loop South  
Lincoln NE 68583-0740  
[spremaraj@unmc.edu](mailto:spremaraj@unmc.edu)

## Special Congratulations to Dr. Ophir Klein...

We are pleased to announce that Craniofacial Biology Group member and past president, *Dr. Ophir Klein (at UCSF)* received the Craniofacial Biology Research Award at this year's IADR meeting. This award is one of the IADR distinguished scientist awards that recognizes individuals who have made substantial contributions to our understanding of craniofacial biology over a significant period of time. Dr. Klein has a history of solid research into the genetics of craniofacial form with his



current work focusing on the regenerative properties of craniofacial and dental stem cells. For this work, Dr. Klein has also recently received one of the inaugural grants in the new NIDCR mechanism known as the Sustaining Outstanding Achievement in Research (SOAR) award. This prestigious award provides up to 8 years of support to midcareer scientists with an outstanding record of research productivity. Dr. Klein has been an officer and long-time supporter of the Craniofacial Biology Group and we congratulate him on these awards.

## Stay tuned for more information on...



## Current Officers of the Craniofacial Biology Group

### *President*

**Dr. Sylvia A. Frazier-Bowers (2017–2018)**  
University of North Carolina  
[Sylvia\\_Frazier-Bowers@unc.edu](mailto:Sylvia_Frazier-Bowers@unc.edu)

### *President-Elect*

**Dr. Lorri Ann Morford (2017–2018)**  
University of Kentucky  
[lorri.morford@uky.edu](mailto:lorri.morford@uky.edu)

### *Vice President*

**Dr. S. Prem Premaraj (2017–2018)**  
University of Nebraska  
[spremaraj@unmc.edu](mailto:spremaraj@unmc.edu)

### *Secretary/Treasurer*

**Dr. Geoff Guttman (2017–20120)**  
University of Medicine and Health Sciences  
[gguttman@cogeco.ca](mailto:gguttman@cogeco.ca)

### *Immediate Past President*

**Dr. Sunil Wadhwa (2017–2018)**  
Columbia University  
[sw2680@cumc.columbia.edu](mailto:sw2680@cumc.columbia.edu)

### *Councilor*

**Dr. Sunil Kapila (2015–2018)**  
University of California, San Francisco  
[sunil.kapila@ucsf.edu](mailto:sunil.kapila@ucsf.edu)

[ychai@usc.edu](mailto:ychai@usc.edu)

**Dr. Douglas Benson (2016 –2018)**  
Baylor College of Dentistry, Texas A&M University  
[mdbenson@bcd.tamu.edu](mailto:mdbenson@bcd.tamu.edu)

**Dr. Juhee Jeong (2016–2019)**  
New York University  
[jj78@nyu.edu](mailto:jj78@nyu.edu)

**Dr. Wellington Rody, Jr. (2016–2019)**  
University of Florida  
[WRody@dental.ufl.edu](mailto:WRody@dental.ufl.edu)

**Dr. Richard Sherwood (2017–2020)**  
University of Missouri  
[sherwoodrj@health.missouri.edu](mailto:sherwoodrj@health.missouri.edu)

**Dr. Shankar Rengasamy Venugopalan (2017–2020)**  
University of Missouri Kansas City  
[rengavs@umkc.edu](mailto:rengavs@umkc.edu)

*With Special Thanks to our outgoing Directors  
(finishing 3-years of service in March 2017):*

**Dr. Yijin Ren (2014–2017)**  
University Medical Center Groningen  
[y.ren@umcg.nl](mailto:y.ren@umcg.nl)

**Dr. Eser Tufekci (2014–2017)**  
Virginia Commonwealth University  
[etufekci@vcu.edu](mailto:etufekci@vcu.edu)

### *Current Directors:*

**Dr. Yang Chai (2015–2018)**  
University of Southern California

### **Research-Related Job Board....**

**Postdoctoral Position available** in the fields of craniofacial development and bone growth/regeneration at **The Texas A&M University College of Dentistry Department of Biomedical Sciences in Dallas, Texas**. Studies involve the use of genetically modified mouse lines to determine the fate of epithelial cells during palatal fusion, and the signals involved in guiding stem cells to sites of bone growth or injury. Applicants should have a Ph.D. or equivalent degree, significant experience with molecular biological techniques, and be willing to work with mice. Applicants with U.S. citizenship, green card, or valid work visa are preferred.

The position includes competitive salary and benefits. Dallas is a vibrant, family-friendly city with a low cost of living and many choices for affordable housing near the College campus. The successful applicant will be mentored toward a career as an independent researcher, capable of competing for funding. **Please contact the PI, M. Douglas Benson, Ph.D. [mdbenson@tamhsc.edu](mailto:mdbenson@tamhsc.edu)**