The American Association for Dental Research (AADR), headquartered in Alexandria, Va., is a nonprofit organization with nearly 3,500 members in the United States. Its mission is: (1) to advance research and increase knowledge for the improvement of oral health; (2) to support and represent the oral health research community; and (3) to facilitate the communication and application of research findings. AADR is the largest Division of the International Association for Dental Research (IADR).
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MESSAGE FROM THE PRESIDENT

This year, working under the mission of advancing research for the improvement of oral health, the American Association for Dental Research (AADR) continued its ongoing effort to secure the future of dental, oral and craniofacial research. These efforts would not be possible without the backing of a dedicated membership that has demonstrated unwavering support.

During my inaugural address at the 41st AADR Annual Meeting, I asked AADR members what can we do to ensure a sustainable and bright future for the Association. I also asked them how do we continue to serve as the nation’s strongest voice for dental, oral and craniofacial research and communicate to our policymakers that good oral health is essential for good overall health.

AADR members responded by joining the Association as it amplified its dialog with Congress and advocated for increased funding for biomedical research. In April, AADR members made their voices heard on Capitol Hill as they met with their state representatives and advocated for the future of biomedical research. For reinforcement, AADR attended White House meetings and, with partnering organizations, called on Congress to develop a balanced approach to deficit reduction that does not include further cuts to non-defense discretionary programs. These programs account for a broad spectrum of federal government agencies and programs, including the National Institutes of Health.

In December, AADR co-hosted a meeting, “NIH/NIDCR Funded Research in New England,” with The Forsyth Institute. Attendees from institutes around New England packed the Forsyth conference room and heard directly from NIDCR Director Martha Somerman. This regional meeting increased networking across AADR Sections.

In addition to advocacy, AADR members know the value of mentoring the younger generation and encouraging them to be persistent in their quest to find solutions to future oral health problems. To enhance the learning experience for students and to give them a platform to network with mentors, AADR hosted a Meet-a-Mentor Luncheon at its 41st Annual Meeting & Exhibition in Tampa, Florida. During this session that was open to student attendees, senior scientists—who were also past recipients of the IADR Distinguished Scientist Award and/or past AADR NSRG Mentor of the Year awardees—led motivational and realistic discussions about the paths they took during their academic careers.

Recognizing a need in the dental, oral and craniofacial sciences for a place to publish the highest quality research articles on clinical and translational research, AADR and IADR introduced a clinical supplement to the Journal of Dental Research (JDR). Published this year, the peer-reviewed supplement encompassed all areas of clinical research in the dental, oral and craniofacial sciences, and strived to bring emerging contributions in discovery and translational science to clinical application for the healthcare community.

After reading this annual report, you will learn more about the exciting progress AADR has made this year. I hope you will join the Association in 2013 so that we may work together to shape the brightest and most hopeful future for AADR as it endeavors to advance oral health.

Sincerely,

Rena D’Souza, D.D.S., Ph.D.
AADR President
MESSAGE FROM THE EXECUTIVE DIRECTOR

Under the leadership of President Rena D’Souza and a dedicated Board of Directors, the American Association for Dental Research (AADR) has successfully completed another year of vital accomplishments toward strengthening its mission of advancing oral health and fulfilling the needs of its membership.

In 2012, AADR continued to increase its communication with members and AADR Advocates through the AADR Government Affairs Blog. Nearly 200 entries have been posted to the blog since its inception in May 2011 and it proves to be a successful vehicle in communicating important advocacy messages to the AADR audience and galvanizing support from members.

This year, AADR identified a list of priority agencies and collaborated with other health and research associations to develop FY13 funding recommendations to Congress. AADR is in constant dialog with the National Institute of Dental and Craniofacial Research (NIDCR) – the lead funding agency for many of our members. AADR will continue to work closely with the NIDCR, as they seek broad-based input to the Institute’s next 5-year strategic plan.

The 41st AADR Annual Meeting & Exhibition held in Tampa, Florida proved to be a success with more than 2,600 scientists from 37 countries being in attendance. Delegates could choose from among 1,564 scientific presentations, including 379 oral sessions, 1,107 poster presentations and 33 poster discussion sessions, four plenary sessions, five hand-on workshops, 18 symposia and 22 Lunch & Learning sessions. In addition, delegates had the opportunity to visit the exhibit hall, which housed 49 exhibit booths (28 commercial and 21 educational). Continuing with the Distinguished Lecture Series, this year’s lectures were John S. Greenspan, Martha J. Somerman and Anthony J. Atala.

Further adding to the professional development opportunities in 2012, AADR held its 5th Fall Focused Symposium in Pittsburgh, Pennsylvania with the theme, “Translational Genetics - Advancing Fronts for Craniofacial Health”. The Fall Focused Symposium was held in collaboration with the University of Pittsburgh on November 16-17, 2012.

I am grateful for the achievements AADR and its members have gained this year and I express my gratitude to President Rena D’Souza and the entire AADR Board of Directors who believe in AADR and work vigorously to support the mission of the Association.

Sincerely,

Christopher H. Fox, D.M.D, D.M.Sc.
Executive Director
41st Annual Meeting & Exhibition

The 41st Annual Meeting & Exhibition of the American Association for Dental Research, held in conjunction with the 36th Annual Meeting of the Canadian Association for Dental Research took place in Tampa, Florida, March 21-24, 2012.

The meeting drew a total registration of 2,619 scientists from 37 countries, who could choose from among 1,564 scientific presentations, including 379 orals, 1,107 posters and 33 poster discussions, four plenary sessions, five hand-on workshops, 18 symposia and 22 Lunch & Learning sessions. In addition, delegates had the opportunity to visit the exhibit hall, which housed 49 exhibit booths (28 commercial and 21 educational).

The Distinguished Lecture Series speakers were: John S. Greenspan, University of California, San Francisco, USA, speaking on “HIV/AIDS: The Task Continues”; Martha J. Somerman, National Institute of Dental and Craniofacial Research, Bethesda, Md., USA, speaking on “Personalized Health Care: Opportunities and Challenges for Dentistry”; and Anthony J. Atala, Wake Forest University Institute for Regenerative Medicine, Winston-Salem, N.C., USA, speaking on “Regenerative Medicine and Organ Replacement Therapy.”

Also featured were Group/Network business meetings and receptions, and the presentation of numerous awards and recognitions.
Again this year, the American Association for Dental Research provided a complimentary mobile application for the Annual Meeting. The AADR 2012 app was supported by the Android, Apple and Blackberry platforms. Attendees used the app to view the schedule of events, find places to dine and things to do while in Tampa, view floor plans and more. AADR recorded select symposia and made the recordings available at the IADR/AADR Knowledge Community.

New this year, AADR offered a Meet-a-Mentor Luncheon to student attendees. This session, which was sponsored by Sunstar, was designed to enhance the learning experience for students. Senior scientists, who were also past recipients of the IADR Distinguished Scientist Award and/or past NSRG Mentor of the Year awardees, led motivational and realistic discussions about the paths they took during their academic careers.

Another new element of the meeting was the closing ceremonies, where more awards were presented and Rena D’Souza was inducted as the 41st AADR president. There, she gave her inaugural address entitled “Shaping Our Future” (J Dent Res 91:729-730).
AADR Continues its Fall Focused Symposium
In 2012, AADR held its 5th Fall Focused Symposium themed “Translational Genetics - Advancing Fronts for Craniofacial Health,” November 16-17, at the University of Pittsburgh, Pennsylvania, USA. This meeting provided scientists and researchers a smaller venue than an AADR Annual Meeting to present, discuss and critique their investigations. This two-day event was comprised of five sessions: Rare and Common Single Gene Disorders; Dealing with the Complexity of Complex Traits; From Genome-Wide Analyses to Clinical Practice; Pharmacogenomics and Gene Therapy; and Translational Genetics: Applications and Implications for Dental and Educational Research, and 22 scientific posters.

IADR/AADR Introduce Clinical Supplement to the Journal of Dental Research
IADR/AADR announced the publication of a clinical supplement to the Journal of Dental Research (JDR). This peer-reviewed supplement encompassed all areas of clinical research in the dental, oral and craniofacial sciences, and strived to bring emerging contributions in discovery and translational science to clinical application for the healthcare community. The JDR clinical supplement focused on addressing the need in the dental, oral and craniofacial sciences for a place to publish the highest quality research articles on clinical and translational research.

AADR Launches Newly Designed Website
This year, AADR unveiled its newly-designed website, the Web address is still www.aadronline.org. The streamlined website is easier to navigate and it incorporates a social media component. In addition, users may now bookmark and share information directly from the website.

AADR Holds Successful Advocacy Day Program
On April 19, AADR members representing 27 institutions in 17 states and the District of Columbia took to Capitol Hill to hold 70 individual meetings with congressional offices. The meetings were part of the 2012 AADR Advocacy Day on the Hill. After the close of the AADR Advocacy Day on the Hill, participants reported positive feedback from Congressional offices on both sides of the political aisle.

AADR/IADR and The Forsyth Institute co-Sponsor Workshop
In December, AADR/IADR and The Forsyth Institute sponsored a workshop titled NIH/NIDCR Funded Research in New England. The goal of the meeting was to bring the dental and craniofacial researchers funded by the NIH/NIDCR in New England together in order to increase networking; encourage cross-disciplinary and cross-institutional grant applications; and to increase AADR/IADR awareness and communication with the NIDCR. Attendees from institutes in the New England area attended the conference and heard directly from NIDCR Director Martha Somerman.
In 2012, the *Journal of Dental Research (JDR)* continued to hold the highest Eigenfactor Score of journals published in the “Dentistry, Oral Surgery & Medicine” category, and in that category, the *Journal’s Five-Year Scientific Impact Factor (SIF)* is 4.102. This information comes from the 2011 Five-Year SIF rankings, published by the *Journal Citation Reports (JCR)* by Thomson Reuters.

**Unique FISH Patterns Associated with Cancer Progression of Oral Dysplasia**


*J Dent Res* 91:52-57

In this study, high gene gain of CCND1 was associated with an 8-fold elevated risk of progression compared with those with no gain in time-to-progression analysis. Numerical alterations of EGFR and CCND1 and their centromeres might be an effective means for identifying OPLs at risk. Future studies will expand on this analysis and set the stage for application of this approach in routine clinical practice.

**Hypoplasia-Associated Severe Early Childhood Caries – A Proposed Definition**

P.W. Caufield, Y. Li and T.G. Bromage

*J Dent Res* 91:544-550

This study proposes a new classification of severe early childhood caries (S-ECC) called hypoplasia-associated severe early childhood caries (HAS-ECC). This form of caries affects mostly young children living at or below poverty, characterized by structurally damaged primary teeth that are particularly vulnerable to dental caries.

**Deciduous Molar Hypomineralization and Molar Incisor Hypomineralization**

M.E.C. Elfrink, J.M. ten Cate, V.W.V. Jaddoe, A. Hofman, H.A. Moll and J.S.J. Veerkamp

*J Dent Res* 91:551-555

This study focused on the relationship between deciduous molar hypomineralization (DMH) and permanent molar incisor hypomineralization (MIH). The relationship between the occurrence of DMH and MIH suggests a shared cause and indicates that, clinically, DMH can be used as a predictor for MIH.

**Anti-biofilm Dentin Primer with Quaternary Ammonium and Silver Nanoparticles**

L. Cheng, K. Zhang, M.A.S Melo, M.D. Weir, X. Zhou and H.H.K. Xu

*J Dent Res* 91:598-604

This study demonstrates that novel quaternary ammonium dimethacrylate and nanoparticles of silver containing primers were strongly antibacterial without compromising dentin bond strength, and hence are promising to inhibit biofilms and secondary caries.

**Prevalence of Periodontitis in Adults in the United States: 2009 and 2010**

P.I. Eke, B.A. Dye, L. Wei, G.O. Thornton-Evans and R.J. Genco

*J Dent Res* 91:914-920

This study estimates the prevalence, severity and extent of periodontitis in the adult U.S. population using data from the 2009 and 2010 National Health and Nutrition Examination Survey (NHANES) cycle. The survey provided direct evidence for a high burden of periodontitis in the adult U.S. population, especially among adults 65 and older.
ADVOCACY AND GOVERNMENT AFFAIRS

AADR Responds to OSTP RFI on Scholarly Publications
In January, AADR responded to a Request for Information (RFI) on open access to scholarly publications, issued by the White House Office of Science and Technology Policy. In the response, AADR expressed support for broad dissemination of the results of federally funded research. The Association also called on the Administration to carefully consider the costs associated with the post-grant peer review process when developing open access policies, and to examine the possibilities for enhancing the end-of-grant reports submitted to agencies as a mechanism for providing the public access to the results of federally funded research in easy to understand terms.

AADR President D’Souza Asks Congress to Bolster Research Investment
In 2012, AADR President Rena D’Souza appeared before the House Subcommittee on Labor-HHS-Education Appropriations today to give remarks on the FY13 budget. D’Souza gave a compelling justification for a stronger NIH/NIDCR budget in the coming year, mentioning advances in the prevention of tooth decay, detection and treatment of oral cancer as examples of the good that has been done; and the stagnant NIH budget as the primary obstacle to continued progress. She stated that AADR support for a budget level of $32 billion for NIH, and $450 million for NIDCR in FY13. Immediately following Dr. D’Souza’s remarks, the subcommittee chairman Representative Denny Rehberg remarked that the various associations present conveyed a consistent message on NIH appropriations.

AADR Joins Nearly 3,000 Organizations to Call for Budget Action
AADR joined with nearly 3,000 organizations in a letter calling on Congress to develop a “balanced approach to deficit reduction that does not include further cuts to NDD [non-defense discretionary] programs.” NDD programs include a broad spectrum of federal government agencies and programs, including the National Institutes of Health. The NDD section of the budget has been consistently targeted for reductions, despite the fact that it represents a small portion of the overall federal budget and is at historic lows.

AADR Encourages Research Objective in Healthy People 2020
In 2012, the U.S. Department of Health and Human Services (HHS) requested public comment on proposed new Healthy People 2020 objectives. According to HHS, “Healthy People 2020 will provide opportunities for public input periodically throughout the decade to ensure that Healthy People 2020 reflects current public health priorities and public input.” AADR applauded HHS for new objectives intended to enhance D.D.S. and D.M.D. programs, but asked that research be more specifically addressed.

AADR Joins Group Letter to House Appropriators
AADR joined more than 200 organizations in a letter to the House Subcommittee on Labor-HHS-Education Appropriations, which sets the budget for NIH and various other agencies. The letter expresses concern with the proposed level-funding of NIH coupled with new mandates that limit the ability of the Director to move resources where they are most needed. The letter reads in part: “If NIH is to continue to fund the highest quality research and the next generation of talented researchers in the most effective manner possible, Congress should not tie the hands of the agency by setting arbitrary boundaries on the number and size of awards.”
AADR Advocacy Day
On April 19, AADR members representing 27 institutions in 17 states and the District of Columbia took to Capitol Hill to hold 70 individual meetings with congressional offices. The meetings were part of the 2012 AADR Advocacy Day on the Hill. After the close of the AADR Advocacy Day on the Hill, participants reported positive feedback from Congressional offices on both sides of the political aisle.

Salivary Diagnostics Featured in Congressional Briefing
In May, the Coalition for Health Funding (CHF) presented a briefing on Capitol Hill, Public Health 101: The Federal Role in Health Research, What’s in it for Taxpayers? The briefing featured areas of biomedical research that rely on support from federal research agencies. A presentation on salivary diagnostics was given by AADR Past President David Wong, who described the potential that salivary diagnostics holds broadly for improving access to care, reducing health disparities, accelerating diagnosis and treatment, and impacting global health. More specifically, he described ongoing research into the efficacy of salivary diagnostics in monitoring health and identifying various cancers (pancreatic, breast, lung, oral) as well as conditions such as diabetes and cardiovascular disease. CHF is the largest nonprofit alliance working to preserve federal investments in health. AADR is a member of the coalition and co-sponsor of the briefing held today.

AADR Attends Meeting at the White House
In July, AADR joined with several other organizations for a meeting at the White House with Senior Advisor to the President Valerie Jarrett and Jon Carson, who heads the Office of Public Engagement. The meeting was organized by the Coalition for Health Funding (CHF), which consists of roughly 80 organizations including AADR. The session offered an opportunity for the groups to hear about the near-term policy goals and related strategy of the administration, as well as for the groups to discuss their advocacy efforts in support of sustained appropriations for the Health and Human Services (HHS) cluster. Throughout the meeting it was made clear that President Obama was pushing for a balanced approach to deficit reduction, one that involves new revenues as well as targeted reductions in federal spending.

AADR Seeks Input on FY14 Themes
In August, AADR responded to the National Institute of Dental and Craniofacial Research’s (NIDCR) request for input on topical themes for development into Fiscal Year 2014 research initiatives. Each year, as part of the budget development process, the NIDCR identifies broad research themes and then develops a specific proposal for each theme—taking into consideration input received from the external community.

AADR Joins Groups in Discussion with Democratic Whip
December 12, AADR joined with approximately 40 other groups in a meeting with House Democratic Whip Steny Hoyer to discuss the impact of the impending budget sequester on research and health. The groups, united under the umbrella of the Coalition for Health Funding, had a chance to hear of the House minority party’s views on the budget debate as well as to ask questions about the negotiations that were taking place.
In 2012, AADR was able to fund and administer $126,146 in awards and fellowships thanks to the support of numerous sponsorships and donations. The following awards and fellowships were administered:

- AADR Bloc Travel Grant
- AADR Distinguished Scientist Award
- AADR Irwin D. Mandel Distinguished Mentoring Award
- AADR Jack Hein Public Service Award
- AADR Johnson & Johnson Healthcare Products Hatton Awards
- AADR Neal W. Chilton Fellowship in Clinical Research
- AADR NSRG DENTSPLY/Caulk Competition
- AADR Sjögren’s Syndrome Foundation Student Fellowship Award
- AADR Student Research Fellowships
- AADR William B. Clark Fellowship
- IADR/AADR Cover of the Year
- IADR/AADR William J. Gies Award

**AADR Irwin D. Mandel Distinguished Mentoring Award**

This award was established to provide national recognition for outstanding efforts to foster and promote research training and career development of students, trainees and junior faculty. It is intended to identify individuals at all levels of their career with an exemplary record of mentoring. This award was renamed this year in honor of its first recipient, Irwin D. Mandel. This year, the award was presented to Bjorn Steffensen, University of Texas Health Science Center at San Antonio. Steffensen was recognized for his significant impact on the training of new scientists for oral health research.

**IADR/AADR Journal of Dental Research “Cover of the Year, 2011”**


**AADR Honorary Membership**

The three most recent living Past Presidents of the AADR may elect an Honorary Member. This person is not a member of the Association but has made significant contributions to and/or supports dental research. This year’s Honorary Member, selected unanimously, was Richard H. Carmona, president, Canyon Ranch Institute, Tucson, Arizona and former Surgeon General. Carmona started the National Call to Action to Promote Oral Health in 2003, a public-private partnership under the leadership of The Office of the Surgeon General. Carmona has held progressive positions of responsibility as chief medical officer hospital chief executive officer, and public health officer.

**AADR Distinguished Scientist Award**

Every two years, AADR recognizes a distinguished scientist who has contributed outstanding research of particular significance in any of the fields related to oral science. The award recipient receives $5,000, which is generously supported by GlaxoSmithKline. The 2012 AADR Distinguished Scientist Award winner was Ronald Dubner, University of Maryland School of Dentistry, Baltimore, USA. Dubner is an internationally regarded pain scientist with a remarkable record of research, teaching and mentoring, service and administrative leadership. Dubner directed a multidisciplinary program of more than 30 basic and clinical scientists who conducted research on pain mechanisms and pain control at the intramural program of the National Institutes of Health and his current research focuses on molecular, neurochemical and physiological changes in the peripheral and central nervous system following tissue and nerve injury as well as the development of new pharmacological strategies for controlling acute and persistent pain.
AADR Jack Hein Public Service Award
This award honors individuals who have given exemplary service in the area of public affairs by consistently promoting the interests and activities of oral health research to a wide constituency. This year’s recipient was Isabel Garcia, deputy director, National Institute of Dental and Craniofacial Research (NIDCR), Bethesda, Maryland, USA. Garcia has more than 30 years of experience in public health, clinical care, research and administration at the local, state and national levels. Since joining the NIDCR in 1995 as a special assistant for Science and Congress on oral health research issues, she has served as the Institute’s liaison to professional organizations, government entities and Congress on oral health research issues.

AADR Sjögren’s Syndrome Foundation Student Fellowship
This Fellowship is offered to encourage research in the field of Sjögren’s Syndrome. Fellowships are open to both graduate and undergraduate students working toward a D.D.S., D.M.D., or Ph.D. who are AADR members and are enrolled in an accredited institution within the United States. The Fellowship consists of a stipend of $4,000. The Fellowship was awarded this year to Linae Collymore of Southern Illinois University, Alton, USA.

AADR William B. Clark Fellowship
The AADR William B. Clark Fellowship, Sponsored by P&G Professional Oral Health, Crest Oral-B, was awarded to Leena Palomo from Case Western Reserve University, Cleveland, Ohio, USA. The Fellowship is in memory of William B. Clark, the late Professor of Oral Biology and Director of the Periodontal Research Center at the University of Florida. The Fellowship was in the amount of $5,000.

IADR/AADR William J. Gies Award
These awards, supported by J. Morita Corporation, Inc., recognize the best papers published in the IADR/AADR Journal of Dental Research and are presented in three categories: Biological Research, Biomaterials & Bioengineering Research, and Clinical Research. Following are the recipients of the 2012 awards:

The award in the Biological Research category is presented to Naritaka Tamaoki et al. for the paper “Dental Pulp Cells for Induced Pluripotent Stem Cell Banking.” J Dent Res. 89:773-8.

The award in the Biomaterials & Bioengineering Research category is presented to Lisha Gu et al., for the paper “Biomimetic Anals for Collagen Biominalization.” J Dent Res 90:82-7.

The award in the Clinical Research category is presented to Shinya Murakami et al. for the paper “FGF-2 Stimulates Periodontal Regeneration Results of a Multi-center Randomized Clinical Trial.” J Dent Res 90:35-40.

AADR Neal W. Chilton Fellowship
This AADR Fellowship, sponsored by the Task Force on Design and Analysis in Dental and Oral Research, was established in memory of Neal W. Chilton. The Fellowship was designed to enable dental clinical faculty to obtain training in clinical research. The 2012 Fellowship was awarded to Bing-Yan Wang of The University of Texas Health Science Center at Houston, USA. This Fellowship is in the amount of $6,500.

AADR Johnson & Johnson Healthcare Products Hatton Awards

JUNIOR CATEGORY
1st Place - Jonathan An, University of Washington, Seattle
2nd Place - Jenny Sun, Columbia University, New York

SENIOR CATEGORY
1st Place - Yinshi Ren, Baylor College of Dentistry, Dallas, Texas
2nd Place - Charles Billington, University of Minnesota, Minneapolis

POST-DOCTORAL CATEGORY
1st Place - Mildred Embree, Columbia University, New York
2nd Place - Megan Falsetta, University of Rochester, New York
AADR REPRESENTS 3,371 MEMBERS FROM 44 SECTIONS THROUGHOUT THE UNITED STATES.
COMMITTEES

Annual Session
Russell Taichman, Chair
Jack Ferracane
Mark Herzberg
Paul Krebsbach
Marian Young

AADR Distinguished Scientist Award
David Wong, Chair
Grayson (Bill) Marshall
Brian Clarkson
Marc Heft
E. Dianne Rekow

Constitution
Joe Fiorellini (2013), Chair
John Burgess (2013)
Stephen Bayne (2013)
Lydia Lopez del Valle (2014)
Valeria Gordan (2014)
Praveen Arany (2014)
Sharukh Khajotia (2015)
Fei Liu (2015)
Michael Paine (2015)

AADR Edward H. Hatton Awards
Nisha D’Silva (2013), Chair
Hui Wu (2013)
Keith L. Kirkwood (2013)
Richard Gregory (2014)
James Rogér (2014)
Daranee Versluis-Tantbirojn (2014)
Xiuping Wang (2015)
Hyun Koo (2015)

Ethics in Dental Research
Subrata Saha (2013), Chair
John J. Sauk (2013)
Mina Mina (2013)
Lorena Baccaglini (2014)
Ray Tseng (2014)
Ralph Rawls (2014)
Suchitra Nelson (2015)
Matilda Dhima (2015)
Abraham Schneider (2015)

Fellowships
Robert Spears (2013), Chair
Christine Wu (2013)
Stefan Ruhl (2013)
Alvin G. Wee (2013)
Petros Papagerakis (2013)
Lakshmyya Kesavalu (2014)
Yun Po Zhang (2014)
Alexandre Vieira (2014)
Helena Ritchie (2015)
Andrew Fribley (2015)
David Kim (2015)
Hai Zhang (2015)

William J. Gies Award
Terry Hoffeld (2013) (USA), Chair
Andrew Spielman (2013) (USA)
Mel Kantor (2013) (USA)
Young-Nim Choi (2013) (South Korea)
Dimitrios Tziafas (2013) (Greece)
Tatsuji Nishihara (2014) (Japan)
Francesco Chiappelli (2014) (USA)
Gottfried Schmalz (2015)
Anna Dongari-Bagtzoglou (2015)

Honorary Membership
Grayson (Bill) Marshall, Chair
David Wong
Brian Clarkson

Government Affairs
David Johnsen (2014), Chair
Marc Heft (2013)
James Rogér (2013)
Matthew Oishi (Gert Quigley Fellow) (2013)
Barbara Boyan (2014)
Laurie McCauley (2014)
Charles Hildebolt (2015)
Renny Franceschi (2015)
Christopher Fox, ex officio

Nominating
Edward Shillitoe (2013), Chair
Jim Hartsfield (2013)
Raed Ajlouni (2013)
Lawrence Gettleman (2014)
Yiping Han (2014)
Robert Quivey (2015)
Chunlin Qin (2015)
David Wong (2013)
IADR/AADR Publications
Maria Fidela de Lima Navarro (2013) (Brazil), Chair
David Wong (2013) (USA)
Bjorn Steffensen (2013), AADR Representative (USA)
Raul Garcia (2014), AADR Representative (USA)
Christopher Cutler (2015), AADR Representative (USA)
Carlos Ferreira dos Santos (2013), IADR Representative (Brazil)
Satoshi Imazato (2014), IADR Representative (Japan)
Garry Fleming (2015), IADR Representative (Ireland)
William Giannobile, Editor (2015), Journal of Dental Research, ex officio
Jack Ferracane, Associate Editor, Journal of Dental Research (USA), ex officio
Dana Graves, Associate Editor, Journal of Dental Research (USA), ex officio
Jacques Nör, Associate Editor, Journal of Dental Research (USA), ex officio
Joy Richman, Associate Editor, Journal of Dental Research (Canada), ex officio
Martin Taubman, Associate Editor, Journal of Dental Research (USA), ex officio
Christopher H. Fox, IADR/AADR Executive Director (USA), ex officio

Science Information
Meg Vickersman (2013), Chair
Barbara Greenberg (2013)
Justin Merritt (2013)
Yong Wang (2014)
David Drake (2014)
Jayne Reuben (2014)
Olga Baker (2015)
Esperanza Martinez Mier (2015)
Satheesh Elangovan (2015)

 Tellers
Amit Chattopadhyay (2013), Chair
Keith Mays (2014)
Xinbin Gu (2015)

AAAS Representatives
Margarita Zeichner-David (Section G – Biological Sciences)
David Wong (Section N – Medical Sciences)
Christopher Fox (Section R – Oral Health Sciences)

ADA Standards Committee on Dental Products (2012-2015)
Jerold Horn
J. Robert Kelly
Jack Lemons
Frank Lentine

ADA Standards Committee on Dental Informatics
Titus Schleyer (2015)

National Student Research Group Faculty Advisors
Sharon Gordon
John Warren
BOARD OF DIRECTORS

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Peter Polverini, President-elect
Timothy DeRouen, Vice President
Jeffrey Ebersole, Immediate Past President
Frank Scannapieco, Treasurer
William Giannobile, Editor
Mathilde (Tilly) Peters, Member-at-Large
Mary Walker, Member-at-Large
Sharon Gordon, Member-at-Large ad hoc
Angela Gullard, Student Representative
Christopher Fox, Executive Director

Back Row: Christopher Fox, Jeffrey Ebersole, Mathilde (Tilly) Peters, Peter Polverini, Angela Gullard and Mary Walker.
NATIONAL STUDENT RESEARCH GROUP

National Student Research Group
The AADR National Student Research Group (NSRG) is a student-run organization whose main purpose is to foster an environment in every dental school whereby students interested in enriching their dental education through research are encouraged to do so. Recognized as one of the strongest groups in AADR, the NSRG is composed of a network of self-governing local student research group (SRG) chapters at each dental school and is led nationally by officers elected through a majority of votes from all student members.

NSRG Celebrates its 30th Anniversary
At the 2012 AADR/CADR Annual Meeting & Exhibition in Tampa, Florida, the AADR NSRG provided valuable opportunities for students to network with other researchers and learn more about IADR/AADR. Additionally, the AADR NSRG celebrated its 30th anniversary with themed programming and a welcome reception (sponsored by Aegis Communications). The AADR NSRG presented two oral sessions – “Pathways to Success (Student Plenary Session)” and “30 Years and Counting: The Past, Present and Future of the NSRG.” Students had a presence throughout the meeting and were able to attend a variety of social events with their peers and mentors, such as the AADR NSRG 30th anniversary welcome reception, business meeting, student and faculty reception (sponsored by DENTSPLY International), and Meet-a-Mentor Luncheon (sponsored by Sunstar).

NSRG Mentor of the Year
The 2012 AADR NSRG Mentor of the Year Award was presented to Robert Spears, Baylor College of Dentistry. This award was established to provide national recognition for outstanding faculty mentors.

25th Anniversary of the AADR NSRG DENTSPLY/Caulk Competition
2012 marked the 25th anniversary of the AADR NSRG DENTSPLY/Caulk Competition (sponsored by DENTSPLY/Caulk). The 2012 winners were:

BASIC SCIENCE CATEGORY
1st Place - Michael Border, The Ohio State University
2nd Place - Nisha Mehta, University of Illinois at Chicago
3rd Place - Danielle Larivey, University of Texas at San Antonio

CLINICAL SCIENCE CATEGORY
1st Place - Arthur Jones, University of Alabama at Birmingham
2nd Place - Nina Guba, University of Florida
3rd Place - Lauren Paul, University of Alabama at Birmingham
INSTITUTIONAL SECTION MEMBERS

Corporations
GOLD LEVEL
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P&G Professional Oral Health, Crest Oral-B

REGULAR LEVEL
DENTSPLY International
Johnson & Johnson
Sunstar Americas, Inc.

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Medical University of South Carolina
Meharry Medical College
New York University
Nova Southeastern University
The Ohio State University
Southern Illinois University
Stony Brook School of Dental Medicine
Tufts University
University at Buffalo
University of Alabama
University of British Columbia
University of California - Los Angeles
University of California - San Francisco
University of Colorado
University of Connecticut
University of Florida
University of Illinois - Chicago
University of Iowa
University of Kentucky
University of Louisville
University of Maryland at Baltimore
University of Michigan
University of Missouri-Kansas City
University of Minnesota
University of Nebraska
University of Nevada - Las Vegas
University of North Carolina
University of Pittsburgh
University of Rochester - Eastman Institute for Oral Health
The University of Texas at Houston School of Dentistry
University of Texas - San Antonio/Health Science Center
University of the Pacific
University of Washington
Virginia Commonwealth University - VCU/VCV

Nonprofit & Government Members
American Association of Orthodontists
Centers for Disease Control and Prevention
Friends of the NIDCR
Task Force on Design and Analysis, Inc.

“SUPPORT AND REPRESENT THE ORAL HEALTH RESEARCH COMMUNITY.”
CONTRIBUTORS

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Tokuyama Dental Corporation
Whip Mix Corporation

Individuals
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Radhika Chigurupati
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Sheila Riggs
James Rogér
Carmen Zoe Schuller
Othman Shibly
Martha Somerman
Omar Suarez
Anne Tanner
Van Thompson
Philip Trackman
David T.W. Wong
AADR STATEMENT OF FINANCIAL POSITION
December 31, 2011 (With Summarized Financial Information for December 31, 2010)

<table>
<thead>
<tr>
<th></th>
<th>2011</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASSETS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CURRENT ASSETS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and cash equivalents</td>
<td>$381,751</td>
<td>$130,978</td>
</tr>
<tr>
<td>Accounts receivable</td>
<td>45,294</td>
<td>44,038</td>
</tr>
<tr>
<td>Prepaid expenses and other</td>
<td>106,593</td>
<td>47,082</td>
</tr>
<tr>
<td><strong>TOTAL CURRENT ASSETS</strong></td>
<td>533,638</td>
<td>222,098</td>
</tr>
<tr>
<td><strong>INVESTMENTS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5,165,703</td>
<td>5,437,127</td>
</tr>
<tr>
<td><strong>FIXED ASSETS, net</strong></td>
<td>516,667</td>
<td>482,223</td>
</tr>
<tr>
<td><strong>INVESTMENT IN DEFERRED COMPENSATION</strong></td>
<td>55,801</td>
<td>46,525</td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td>$6,271,809</td>
<td>$6,187,973</td>
</tr>
<tr>
<td><strong>LIABILITIES AND NET ASSETS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CURRENT LIABILITIES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts payable and accrued expenses</td>
<td>$83,744</td>
<td>$95,395</td>
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<tr>
<td>Due to IADR</td>
<td>77,805</td>
<td>139,181</td>
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<tr>
<td>Deferred revenue:</td>
<td></td>
<td></td>
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<tr>
<td>Dues</td>
<td>192,047</td>
<td>199,862</td>
</tr>
<tr>
<td>Symposium</td>
<td>1,600</td>
<td>-0-</td>
</tr>
<tr>
<td>Registration</td>
<td>116,405</td>
<td>-0-</td>
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<tr>
<td>Exhibits</td>
<td>90,119</td>
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<tr>
<td>Other meeting fees</td>
<td>2,540</td>
<td>-0-</td>
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<tr>
<td>Total deferred revenue</td>
<td>402,711</td>
<td>199,862</td>
</tr>
<tr>
<td><strong>TOTAL CURRENT LIABILITIES</strong></td>
<td>564,260</td>
<td>434,438</td>
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<tr>
<td><strong>DEFERRED COMPENSATION PAYABLE</strong></td>
<td>55,801</td>
<td>46,525</td>
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<tr>
<td><strong>TOTAL LIABILITIES</strong></td>
<td>620,061</td>
<td>480,963</td>
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<tr>
<td><strong>NET ASSETS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unrestricted</td>
<td>5,571,876</td>
<td>5,594,334</td>
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<tr>
<td>Unrestricted - board designated</td>
<td>4,147</td>
<td>5,290</td>
</tr>
<tr>
<td>Temporarily restricted</td>
<td>75,725</td>
<td>107,386</td>
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<tr>
<td><strong>TOTAL NET ASSETS</strong></td>
<td>5,651,748</td>
<td>5,707,010</td>
</tr>
<tr>
<td><strong>TOTAL LIABILITIES AND NET ASSETS</strong></td>
<td>$6,271,809</td>
<td>$6,187,973</td>
</tr>
</tbody>
</table>
# AADR Statement of Activities

For the Year Ended December 31, 2011 (With Summarized Financial Information for the Year Ended December 31, 2010)

## Revenues

<table>
<thead>
<tr>
<th>Description</th>
<th>2011 Total</th>
<th>2011 Restricted</th>
<th>2010 Total</th>
<th>2010 Restricted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dues</td>
<td>$538,543</td>
<td>$538,543</td>
<td>$541,296</td>
<td></td>
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<tr>
<td>Registration</td>
<td>18,418</td>
<td>18,418</td>
<td>750,530</td>
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<tr>
<td>Exhibitors’ fees</td>
<td>-0-</td>
<td>-0-</td>
<td>110,347</td>
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<tr>
<td>Symposium</td>
<td>-0-</td>
<td>-0-</td>
<td>8,760</td>
<td></td>
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<tr>
<td>Abstracts</td>
<td>-0-</td>
<td>-0-</td>
<td>77,005</td>
<td></td>
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<tr>
<td>Division/meeting share and meeting dividend</td>
<td>396,062</td>
<td>396,062</td>
<td>38,763</td>
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</tr>
<tr>
<td>Royalties and publishing</td>
<td>237,800</td>
<td>237,800</td>
<td>232,874</td>
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<tr>
<td>Advertising</td>
<td>9,178</td>
<td>9,178</td>
<td>24,534</td>
<td></td>
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<tr>
<td>Contributions</td>
<td>1,694</td>
<td>118,840</td>
<td>261,770</td>
<td></td>
</tr>
<tr>
<td>Investment return designated for current operations</td>
<td>99,245</td>
<td>99,245</td>
<td>98,406</td>
<td></td>
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<tr>
<td>Miscellaneous</td>
<td>14,745</td>
<td>14,745</td>
<td>7,173</td>
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<tr>
<td>Net assets released from restrictions</td>
<td>150,501</td>
<td>(150,501)</td>
<td>0</td>
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<tr>
<td><strong>Total Revenues</strong></td>
<td>1,466,186</td>
<td>(31,661)</td>
<td>1,434,525</td>
<td>2,151,458</td>
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</table>

## Expenses

### Program Expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>2011 Total</th>
<th>2011 Restricted</th>
<th>2010 Total</th>
<th>2010 Restricted</th>
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</thead>
<tbody>
<tr>
<td>Journal of Dental Research/Publishing</td>
<td>182,095</td>
<td>182,095</td>
<td>145,477</td>
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<tr>
<td>Annual Meeting and symposia</td>
<td>123,075</td>
<td>123,075</td>
<td>1,040,115</td>
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<td>Government affairs</td>
<td>246,032</td>
<td>246,032</td>
<td>239,042</td>
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<tr>
<td>Student Fellowships and other awards</td>
<td>69,498</td>
<td>69,498</td>
<td>75,298</td>
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<tr>
<td>William Clark Fellowship</td>
<td>201</td>
<td>201</td>
<td>5,000</td>
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<tr>
<td>Sjögren’s Syndrome Fellowship</td>
<td>4,250</td>
<td>4,250</td>
<td>-0-</td>
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<tr>
<td>William J. Gies Award</td>
<td>1,077</td>
<td>1,077</td>
<td>1,000</td>
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<tr>
<td>Distinguished Mentoring Award</td>
<td>1,077</td>
<td>1,077</td>
<td>1,078</td>
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<tr>
<td>Bloc Travel Grant</td>
<td>50,000</td>
<td>50,000</td>
<td>50,000</td>
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<tr>
<td>Neal Chilton Fellowship</td>
<td>7,000</td>
<td>7,000</td>
<td>7,000</td>
<td></td>
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<tr>
<td>Membership services</td>
<td>11,784</td>
<td>11,784</td>
<td>25,720</td>
<td></td>
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<tr>
<td>Other programs</td>
<td>17,000</td>
<td>17,000</td>
<td>-0-</td>
<td></td>
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<tr>
<td><strong>Total Program Expenses</strong></td>
<td>713,089</td>
<td>-0-</td>
<td>713,089</td>
<td>1,589,730</td>
</tr>
</tbody>
</table>

### Supporting Services

<table>
<thead>
<tr>
<th>Description</th>
<th>2011 Total</th>
<th>2011 Restricted</th>
<th>2010 Total</th>
<th>2010 Restricted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management and general expenses</td>
<td>487,170</td>
<td>487,170</td>
<td>440,768</td>
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<tr>
<td>Membership development</td>
<td>51,366</td>
<td>51,366</td>
<td>66,129</td>
<td></td>
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<tr>
<td><strong>Total Supporting Services</strong></td>
<td>538,536</td>
<td>-0-</td>
<td>538,536</td>
<td>506,897</td>
</tr>
</tbody>
</table>

### Total Expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>2011 Total</th>
<th>2011 Restricted</th>
<th>2010 Total</th>
<th>2010 Restricted</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Expenses</strong></td>
<td>1,251,625</td>
<td>-0-</td>
<td>1,251,625</td>
<td>2,096,627</td>
</tr>
</tbody>
</table>

### Change in Net Assets Before Investment Income

<table>
<thead>
<tr>
<th>Description</th>
<th>2011 Total</th>
<th>2011 Restricted</th>
<th>2010 Total</th>
<th>2010 Restricted</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Change in Net Assets Before Investment Income</strong></td>
<td>214,561</td>
<td>(31,661)</td>
<td>182,900</td>
<td>54,831</td>
</tr>
</tbody>
</table>

Investment (loss) return in excess of amounts designated for current operations

<table>
<thead>
<tr>
<th>Description</th>
<th>2011 Total</th>
<th>2011 Restricted</th>
<th>2010 Total</th>
<th>2010 Restricted</th>
</tr>
</thead>
<tbody>
<tr>
<td>(238,162)</td>
<td>-0-</td>
<td>(238,162)</td>
<td>473,419</td>
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<tr>
<td><strong>Change in Net Assets</strong></td>
<td>(23,601)</td>
<td>(31,661)</td>
<td>(55,262)</td>
<td>528,250</td>
</tr>
</tbody>
</table>

### Net Assets, Beginning of Year

<table>
<thead>
<tr>
<th>Description</th>
<th>2011 Total</th>
<th>2011 Restricted</th>
<th>2010 Total</th>
<th>2010 Restricted</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,599,624</td>
<td>107,386</td>
<td>5,707,010</td>
<td>5,178,760</td>
<td></td>
</tr>
</tbody>
</table>

### Net Assets, End of Year

<table>
<thead>
<tr>
<th>Description</th>
<th>2011 Total</th>
<th>2011 Restricted</th>
<th>2010 Total</th>
<th>2010 Restricted</th>
</tr>
</thead>
<tbody>
<tr>
<td>$5,576,023</td>
<td>$75,725</td>
<td>$5,651,748</td>
<td>$5,707,010</td>
<td></td>
</tr>
</tbody>
</table>
AADR 2011 OPERATIONAL HIGHLIGHTS

Sources of Revenue
US$ 1.4 Million

- Net IADR Meeting Share: 28%
- Dues: 38%
- Meetings: 1%
- Publications: 17%
- Contributions/Meeting Sponsorships: 8%
- Operating Investment Returns: 7%
- Misc.: <1%
- Dues: 38%
- Operating Investment Returns: 7%
- Contributions/Meeting Sponsorships: 8%
- Misc.: <1%

Expenses Incurred Under Programs and Management
US$ 1.3 Million

- Legislative Affairs: 20%
- Publications: 14%
- Member Services: 5%
- Other Programs: 1%
- Meetings: 10%
- Management: 39%
- Awards & Fellowships: 11%
- Member Services: 5%
FUTURE INITIATIVES

AADR and ADEA to Co-Host Advocacy Day Program
On April 17, 2013, AADR will partner with the American Dental Education Association for an event titled “Advocacy Day on Capitol Hill.” During the morning session, attendees will be provided with tools to equip them for the hill visits, where they will make their voices heard and demonstrate to Congress that, even during difficult economic conditions, oral health research and education must be federal priorities.

AADR/IADR to Publish Two Special JDR Supplements
Due to the incredibly enthusiastic response to the 2012 Journal of Dental Research clinical supplement, the JDR is excited to announce the publication of another supplement in 2013 encompassing all areas of clinical research in the dental, oral and craniofacial sciences. In addition to the clinical supplement, in 2013 the JDR will also publish supplement focused on oral implantology.

“ADVANCE RESEARCH AND INCREASE KNOWLEDGE FOR THE IMPROVEMENT OF ORAL HEALTH.”
FUTURE MEETINGS

2013: The 42nd Annual Meeting of the AADR will be held in conjunction with the 91st General Session & Exhibition of the IADR and 37th Annual Meeting of the CADR, March 20-23, in Seattle, Washington.

2014: The 43rd Annual Meeting & Exhibition of the AADR will be held in conjunction with the 38th Annual Meeting of the CADR, March 19-22, in Charlotte, North Carolina.

2015: The 44th Annual Meeting & Exhibition of the AADR will be held in conjunction with the 93rd General Session of the IADR and the 39th Annual Meeting of the CADR, March 11-14, in Boston, Massachusetts.
STAFF

Christopher H. Fox, D.M.D, D.M.Sc, Executive Director
Elaine R. Balizet, Receptionist/Membership Assistant
Tess Gowei, Accounting Manager
Sheri S. Herren, Institutional Liaison, Grants and Awards Manager
Lily B. Knol, Editorial Assistant
Marissa E. Naspinski, Senior Manager of Membership Benefits
Jonathan Nurse, Director of Government Affairs
Carman S. O’Quinn, CMP, Exhibits, Sponsorship & Meetings Manager
Pooja Rajbhandari, Membership Benefits Coordinator
Tonya L. Robertson, MBA, Senior Accountant
Emily Sidla, Program Manager
Kourtney R. Skinner, Publications Manager
Denise S. Streszoff, CAE, Senior Director of Marketing, Membership & Publications
Janet R. Szych, CAP-OM, Executive Assistant
Ingrid L. Thomas, Marketing & Communications Manager
R. Darin Walsh, CPA, Senior Director of Finance & IT
Leslie Zeck, CMP, CMM, Director of Meetings

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research@aadronline.org