Making A Difference Through Better Oral Health

The ADA Foundation grant supports our efforts to provide preventive and restorative dental care to disadvantaged individuals, as well as dental health education, which is an effective tool to modify behavior and ultimately results in sustainable dental health.

Renee Ramirez
Executive Director
Waukesha County Community Dental Clinic

Dr. Robert T. Ferris
Deltona, FL

Give for your legacy — Be a leader with ADAF

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The ADA Foundation Board of Directors provides leadership and strategic direction for the ADA Foundation.

All of our work is overseen by the ADAF Board and 23 Committees and Subcommittees. These volunteers contribute their energy, ideas, and commitment throughout the year.

The work of the ADA Foundation is exemplified by the acronym CARE: Charitable assistance, Access to care, Research, and Education.

We thank you for your continued support of the ADA Foundation.

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To learn more about the ADA Foundation, please visit adafoundation.org.
ADA Foundation Grants Activity 2015

In 2015, the ADA Foundation provided support to a number of programs that benefited thousands of people across the country. The ADA Foundation’s Board ensures that this is done in an efficient and responsible way.

Because of substantial support — both financial and in-kind services — from the ADA, we are proud to be able to report to all of our donors that 100% of your contribution goes directly to support ADA Foundation programs.

### 2015 ADA FOUNDATION APPROVED GRANTS

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>NUMBER OF GRANTEES</th>
<th>AMOUNT OF AWARD</th>
<th>TOTAL DOLLAR AMOUNT</th>
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<tr>
<td><strong>Charitable Assistance</strong></td>
<td></td>
<td></td>
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<tr>
<td>Relief Grants</td>
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<td>Varies</td>
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<td>Emergency Disaster Grants</td>
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<td>Filipino Dental Association</td>
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<td>The Dental School of Dhusikhel Hospital, Kathmandu University, Kathmandu, Nepal</td>
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<tr>
<td><strong>Access to Care</strong></td>
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<tr>
<td>E. “Bud” Tarrson Dental School Student</td>
<td>7</td>
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<td>$35,000</td>
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<td>Dr. Thomas J. Zwemer Award</td>
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<td>National Children’s Dental Health Month</td>
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<td>ADA Mission of Mercy</td>
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<td>TeamSmile</td>
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<td>Matching Grant: ADA Staff Fundraiser (Goldie’s Place/CDA Clinic)</td>
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<td>Semi-annual Grants: Access to Care</td>
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<td>Varies</td>
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<td><strong>Research</strong></td>
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<td>(Does not include funding for the ADA Foundation Volpe Research Center)</td>
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<td>Intel International Science and Engineering Fair — Special Awards</td>
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<td>Varies</td>
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<td><strong>Education</strong></td>
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<td>ADA — ADA-convened Dental Quality Alliance (DQA)</td>
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<td>Semi-annual Grants: Education</td>
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</table>
Charitable Assistance

Relief Grant Program

The ADA Foundation’s Relief Grant Program provides financial assistance to dentists and their families when accidental injury, advanced age, physically debilitating illness, or a medical condition prevents them from being gainfully employed, resulting in the inability to be wholly self-sustaining. These grants supplement other sources of income such as retirement, Social Security benefits, etc.

Emergency Disaster Assistance Grant Program

The purpose of the ADA Foundation Emergency Disaster Grant Program is to provide a small measure of immediate financial assistance to dentists who are victims of an officially declared disaster. These grants are intended to provide emergency financial aid to cover personal needs such as lodging, food, clothing, and medicine resulting from a loss of, or severe damage to, a primary personal residence. Grants of up to $2,000 are considered, with the goal of responding as quickly as possible.

Emergency grant funds are limited to meeting disaster victims’ most urgent and vital needs immediately following a disaster, such as food, bottled water, clothing, blankets, medicine and medical supplies, and emergency shelter.

Emergency Disaster Grants for 501 (c) (3) Organizations Providing Dental Care Following a Disaster

The purpose of these grants is to provide support to 501 (c) (3) organizations that provide needed emergency dental care in communities affected by a disaster.
Access to Care

E. “Bud” Tarrson Dental School Student Community Leadership Award

The E. “Bud” Tarrson Dental School Student Community Leadership Award recognizes one exemplary volunteer community service project that is organized and/or conducted by a group of dental students enrolled in an accredited pre-doctoral dental education program.

The award is named in memory of the late “Bud” Tarrson, longtime owner of the former John O. Butler Company and oral health philanthropist. The ADAF’s Tarrson Fund was created in 2003 by Mrs. Linda Tarrson, a former member of the ADAF Board of Directors, in remembrance of her husband.

Originally, each year one grant of $5,000 was made to a dental school in honor of the selected student outreach program. Thanks to a generous gift of $25,000 from ADA Business Resources (ADABEI) and an anonymous donor, the ADA Foundation was able to award six Tarrson Awards for 2015-2016 to the following:

- Creighton University School of Dentistry
- Herman Ostrow School of Dentistry of USC
- Loma Linda University
- UCLA School of Dentistry
- University of Mississippi
- University of Pittsburgh

Continuity of Care Grants

The ADA Foundation provides grant opportunities to nonprofit organizations whose charitable activities further the ADA Foundation’s exempt purpose to support continuity of oral health care for underserved populations. Visit adafoundation.org to learn more about the Continuity of Care Grants program.

“We are honored to have UW HOPE receive this award and the opportunity it gives us to expand our program and engage more students in learning about and serving our homeless communities.”

Beatrice Gandara, D.D.S., M.S.D.
Clinical Associate Professor and Director, Office of Educational Partnerships and Diversity, University of Washington School of Dentistry
The Dr. Thomas J. Zwemer Award

The Dr. Thomas J. Zwemer Award was created in 2012 by Dr. Richard Simms, then a member of the ADAF Board of Directors, in honor of his mentor and longtime friend, Thomas J. Zwemer, D.D.S.

The Dr. Thomas J. Zwemer Award recognizes and encourages student programs that provide services to underserved populations outside of the U.S. Each year, one grant of $5,000 is made to a dental school in honor of the selected student outreach program.

The winner of the 2015 Zwemer Award is Loma Linda University School of Dentistry for its Nicaragua Mission Trip.

Prior Zwemer Award Winners include:

- Loma Linda University School of Dentistry for its Honduras Project (2014)
- University of North Carolina School of Dentistry for its Malawi Dental Project (2013)
Access to Care

The ADA Foundation’s Give Kids A Smile® Program

As dentistry’s premier philanthropic and charitable organization, the ADA Foundation builds relationships to help make a difference through improved oral health. One of the most important ways in which the ADA Foundation accomplishes this is through Give Kids A Smile, the ADA Foundation’s signature access-to-care program.

The ADA launched Give Kids A Smile nationally in 2003 as a way for dentists to join with others in the community to provide free oral health services to underserved children. The program originated in 2002 in St. Louis under the guidance of Drs. Jeff Dalin and B. Ray Storm, and has since grown from a one-day event in February to local and national events year-round. Dentists and other dental team members volunteer their time and service to provide free screenings, treatments, and education to children throughout the United States. The ADA Foundation collects program information from GKAS program coordinators and works with generous sponsors to provide dental products and materials at no charge to support as many GKAS programs as possible. Each year, approximately 350,000 children benefit from more than 1,300 Give Kids A Smile events, all because of the efforts of 30,000 dentists, dental team members, and community volunteers.

The ADA Foundation created a Give Kids A Smile fund in 2007 so that a formal grant making process could be established. These grants support efforts such as the GKAS Community Leadership Development Institute, an intensive in-person training program for GKAS coordinators nationwide, which takes place in St. Louis, Missouri each fall.

In 2017, Give Kids A Smile will celebrate its 15th anniversary, and continue working to fulfill a new GKAS strategic Plan — GKAS 2.0.

givekidsasmile adafoodn.org/GKAS #GKAS
Scientific investigation has long been the foundation of the dental profession, with new insights and discoveries advancing the quality of oral care provided to the public. VRC scientists played major roles in the development of innovations commonly used in the dental clinic today including the high speed handpiece, orthodontic bracket cement, the front surface dental mirror, tooth-colored composites, the panoramic x-ray, adhesive bonding, and protective tooth sealants.

The ADA Foundation Volpe Research Center is active in the fields of biomaterials and biomineralization, molecular and cell biology, clinical science and therapies, and also in standards-related activities. We emphasize a strong applied research program with a focus on scientific collaboration by working closely with industry to translate new technologies into clinical and over-the-counter products. Our projects target technologies that meet the needs of patients, but also fit within the oral care delivery system and the industries that serve it.

The ADA Foundation’s dental research enterprise has been hailed as one of the most productive in the world. ADA and ADAF research scientists have engaged in cooperative dental and medical materials research with government scientists since 1928.

This collaboration, located at the National Institute of Standards and Technology (NIST, formerly NBS, the National Bureau of Standards, a government research laboratory managed by the U.S. Department of Commerce), has in many respects revolutionized the practice of dentistry.
Current Research

Biomaterials/Biomineralization

3D Imaging of Tooth/Composite Interface

Calcium Phosphate Bone Cements

Bioactive ACP Composites

Bioactive Nano Materials

Molecular and Cell Biology

Dental Immunochemistry and Cell Biology: Advancing Point of Care Diagnostics

Molecular and Microbiological Aspects of Dental Tissue Repair

Novel Composite with Improved Service Life

Molecular Aspects of Self-renewal and Differentiation of Stem Cells and Clinical Applications
Clinical Science and Therapies

Calcium Phosphate Remineralization Therapies

Fluoride Requirements for Therapeutic Efficacy

Cavity Preventing Chewing Gum
An ADA patented technique that greatly increases the potency of any topical fluoride agent:
- Much higher and more sustained levels of oral fluoride
- Lesion inhibition similar to products with 4 times more fluoride

Standard-related Activities
ADA Foundation VRC staff contribute to the safety and efficacy of dental products through active involvement with the American National Standards Institute (ANSI), the International Organization for Standardization (ISO), Word Dental Federation (FDI), and the ADA Standard Committee for dental products SCDP/ANSI meeting held in conjunction with the annual American Association for Dental Research (AADR) and/or International Association for Dental Research (IADR) meetings.

Visit adaframework.org/VRC for more information.
Scientific Collaboration and Education

Ongoing collaborations

Through collaborations with government and industry, and by fostering mentorship within the dental education community, the ADA Foundation Volpe Research Center provides the science and technology basis needed to improve the field of dentistry and oral health of the public. Current research/educational collaborations include:

- College of Dentistry, Howard University, Washington D.C.
- College of Engineering, University of Washington, Seattle, Washington
- Dental School, University of Maryland, Baltimore, Maryland
- Department of Bioengineering, University of Maryland, College Park, Maryland
- Department of Bioengineering, Catholic University of America, Washington D.C.
- National Institute of Dental and Craniofacial Research, National Institutes of Health, Bethesda, Maryland
- National Institute of Science and Technology, Gaithersburg, Maryland

Forthcoming collaborations

- College of Dentistry, Ohio State University, Columbus, Ohio
- Medical University of South Carolina, Charleston, South Carolina
- Oregon Health and Science University, Portland, Oregon
- School of Dentistry, University of North Carolina, Chapel Hill, North Carolina
- School of Dental Medicine, University of Eastern Carolina, Greenville, North Carolina

Historic Contributions to Dentistry

80+ years of VRC research have produced

- 90 patients, many of which have been licensed to dental and medical product manufacturers;
- new and improved dental materials for treatment and prevention;
- translation of new technologies into clinical and over-the-counter products;
- VRC-designed and fabricated dental materials testing machines;
- cutting-edge research in biomaterial and tissue engineering technologies; and
- continuing education programs on dental materials and techniques.
Research and Educational Opportunities for Students

The Dr. Ray Bowen Student Research Award

The ADA Foundation offers the Dr. Ray Bowen Student Research Award in odd-numbered years in collaboration with the Academy of Operative Dentistry. This student research award honors Dr. Ray Bowen, the inventor of resin composites and dentin adhesives, and an internationally recognized authority on composite materials. The Bowen Award is open to dental students at all levels who wish to undertake novel research relevant to contemporary operative dentistry.

Andres Jorge Alvarez, University of Florida College of Dentistry, winner of the 2015 Dr. Ray Bowen Award

Colgate Dental Students’ Conference on Research

The ADA Foundation’s annual Colgate Dental Students’ Conference on Research brings dental students from over 40 dental schools in the U.S. and Canada to the ADAF’s Volpe Research Center in Gaithersburg, MD each fall. The purpose of this conference is to introduce the dental students to scientists from the ADA, industry, the National Institute of Dental and Craniofacial Research, and the VRC, to raise awareness of the wide-ranging careers available in oral health research.
International Activities

The international aspects of the ADA Foundation’s work embody the Access to Care and Education components of our mission. These activities include professional education, oral health infrastructure development, community dental public health, and humanitarian outreach programs.

The ADAF sponsors the oral health programs of Health Volunteers Overseas (HVO). These programs build the local capacity by providing health care professionals in resource-scarce countries with the knowledge, skills, and abilities required to address the health care needs of their communities. There are currently eight ADAF/HVO programs in Haiti, Cambodia, Kenya, Laos, Nepal, Nicaragua, and Tanzania.

To help dentists seeking volunteer opportunities outside of the U.S., the ADAF provides an international volunteer website: internationalvolunteer.ADA.org. Potential volunteers can search among 125 listed organizations and learn about how to select a volunteer program and location, how to prepare for a trip, and what to expect upon the return home. Dental professionals who wish to learn more about international volunteerism can attend an ADA Foundation-sponsored course at the ADA annual meeting.

The ADAF unites the global dental profession by fundraising for international disasters. Past fundraising efforts have benefited programs in Haiti, Japan, the Philippines, and Nepal, following disaster events in those countries. The ADAF also fields requests from NGOs involved in oral health, as well as dentists who may need in-kind donations for international dental missions, and works to connect them to industry contacts.
Education

Dental Student Scholarship Program and Underrepresented Minority Dental Student Scholarship Program

The ADA Foundation’s dental student scholarships help predoctoral dental students defray a part of their professional education expenses. Students in the second year of study at the time of application and currently attending or enrolled at an accredited dental school are eligible.

The Underrepresented Minority Dental Student Scholarship Program provides assistance for African-American, Hispanic, and American Indian/Alaska Native dental students, all of whom have been identified as underrepresented minorities in dentistry.

Each year, the ADA Foundation awards more than 50 scholarships totalling as much as $135,000. Each scholarship is valued at up to $2,500.

- Dental Student Scholarships: Approximately 25 awards
- Underrepresented Minority Dental Student Scholarships: Approximately 25 awards
- Robert J. Sullivan Scholarships: Up to two awards
- Dr. Robert B. Dewhirst Scholarships: Up to two awards

Samuel D. Harris Fund for Children’s Dental Health

The ADA Foundation created the Samuel D. Harris Fund for Children’s Dental Health in 1999 through a permanent endowment established through a generous gift by Dr. Samuel D. Harris, a distinguished pediatric dentist and philanthropist. Each year, grants of up to $5,000 are awarded through a competitive process.

In 2016, the ADA Foundation awarded 25 grants totaling almost $120,000 to organizations across the U.S. that support programs to improve children’s dental health by educating parents, caregivers and pregnant women on the value of good dental health.
Allied Dental Student Scholarship Program

ADA Foundation Allied Dental Student Scholarships are offered annually to help dental assisting, dental hygiene, and dental laboratory technology students defray a part of their professional educational expenses.

The goal of this program is to facilitate the education of academically gifted allied dental students, which in turn helps to foster the public’s oral health.

Each year, the ADA Foundation awards approximately 30 scholarships valued at up to $1,000, worth up to $30,000 total funding.

- Dental Hygiene Student Scholarships: 15 awards
- Dental Assisting Student Scholarships: 10 awards
- Dental Laboratory Technology Student Scholarships: five awards
Please Join Us in Fulfilling Our Mission on Behalf of Dentistry.

The ADA Foundation plays an important role in supporting the ADA in promoting the health of the public.

The programs offered by the ADA Foundation have had a significant impact in improving the profession of dentistry and the oral health of its patients. With your help we can do even more in the future.

Please join the hundreds of others who have made gifts to the ADA Foundation.

You can direct your donation to a specific cause supported by the ADA Foundation, or ask that it be applied to the area of greatest need.

Thank you for supporting the ADA Foundation!

There are four ways to donate:

MAIL the accompanying donation form with your credit card number or a check made out to the ADA Foundation, to:
ADA Foundation
211 E. Chicago Ave., Ste. 2100
Chicago, IL 60611

DONATE ONLINE at adafoundation.org and click “How to Help”

CALL the ADA Foundation at 312.440.2547 to make your donation by phone

FAX the donation form to 312.440.3526
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Deltona, FL
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