INTEGRATED CARE
ELEMENTS OF INTEGRATION FOR ORAL HEALTH AND PRIMARY CARE


Long Beach, California | November 6, 2014

Center for Oral Health
The mission of the Center for Oral Health is to improve oral health, especially of vulnerable populations, through innovation, research, education, and advocacy. Center for Oral Health engages in nonpartisan analysis, study, research, communication, education and information dissemination on significant issues in health policy that impacts oral health access and quality.

©2015 Center for Oral Health. All rights reserved. This publication may be redistributed electronically, digitally, or in print for noncommercial purposes only as long as it remains wholly intact, including this copyright notice and disclaimer.
# Table of Contents

**Foreword** ........................................................................................................................................ 4

**Acknowledgements** ............................................................................................................................ 7
Technical Support .................................................................................................................................... 7
Financial Support .................................................................................................................................... 7

**Summary** ......................................................................................................................................... 8
Introduction ........................................................................................................................................ 8
Background .......................................................................................................................................... 8
Organization .......................................................................................................................................... 10

**Sessions** ....................................................................................................................................... 11
Opening Speeches ................................................................................................................................. 11
Integrative Care Through School-Based Comprehensive Dental Care Models .................................... 12
Integrative Care Through Traditional Healthcare Delivery Models .................................................. 13
Aligning Healthcare Financing with Evidence – A Case for Integration ............................................ 14
Lunch Keynote Address ........................................................................................................................ 15
Global Perspectives on Integrated Care Models .................................................................................. 16
Dental Education: Opportunities and Challenges for Integration of Oral Health Education and Practices into Primary Health Care ......................................................................................... 17
Symposium Summary ............................................................................................................................ 18

**Suggested readings** ............................................................................................................................ 19

**Evaluation Results** ............................................................................................................................. 20
Symposium Objectives ........................................................................................................................... 20
Presentations Ratings .............................................................................................................................. 20
Geographic and Disciplinary Diversity of Attendees ............................................................................ 21

**Sponsors** ........................................................................................................................................ 23

**Program** ....................................................................................................................................... 24
Program Agenda .................................................................................................................................... 27
Speaker Biographies ............................................................................................................................... 31
Symposium Planning Committee ............................................................................................................ 37
Craniofacial-oral-dental diseases and disorders are significant public health challenges of the 21st century. Birth defects, tooth decay, head and neck trauma, gingivitis and periodontal diseases, temporomandibular dysfunction, chronic facial pain, and an array of head and neck cancers exemplify the impact of these diseases and disorders on the human condition around the world. Further, these and other oral diseases and disorders not only reflect general health conditions, they also can exacerbate them (e.g. periodontal diseases affects type2 diabetes, heart disease, and chronic obstructive pulmonary disease, as well as perinatal health in mothers and newborn infants).

Labeled a “silent epidemic” by the U.S. Surgeon General, tooth decay or dental caries is a universally prevalent chronic oral disease and represents a transmissible opportunistic infectious disease. The disease affects, in greater measures, vulnerable population groups across the lifespan, including pregnant women, infants and children, adolescents, and older adults. It affects disproportionately low-income people, minority groups, and people with special health care needs, often resulting in greater access to health care inequalities.

These inequalities and the persistent barriers to healthcare access were identified and documented in the first ever Surgeon General’s Report "Oral Health in America" released in May 2000. The Surgeon General’s report and those that followed provide recommendations for innovative approaches to increasing access to quality oral health care for all people. Examples include the two oral health IOM studies of 2011, the excellent conference on interprofessional education and health care sponsored by the California Dental Association (CDA) and thereafter published in the CDA Journal in 2014, and Dean Bruce Donoff’s and colleagues paper published in the New England Journal of Medicine in 2014.

These and related models emphasized quality and integration of healthcare systems. The recent paper from HRSA also this year is an excellent resource. Other models and lines of evidence emphasized efficiencies and cost-reduction of chronic diseases in response to the management of oral infections such as the work published by Professor Marjorie Jeffcoat and colleagues. These examples elevate the notion of existing social and market forces that call for new ways to address a problem that has prevailed in spite of years of calling it a “silent epidemic”.

A recommendation gaining health policy and health insurance industry attention and momentum is the integration of oral health into primary health care including mental, vision, and oral health care. Integration potentially reverses the traditional divide between medical and oral health care that has virtually separated the mouth from the rest of the body for more than 100 years. In 2011, the Interprofessional Education Collaborative (IPEC) provided “Core Competencies for Interprofessional Collaborative Practice” inspired by a vision of interprofessional collaborative practices as a key to the safe, high quality, accessible, patient-centered care desired by all (i.e. nursing, pharmacy, osteopathy, medicine, dentistry). The Core Competencies are values/ethics, roles and responsibilities, communication within and between health professions, and teams and teamwork.

Ironically, Herbert Cooper (then a young orthodontist who graduated from the University of Pennsylvania) formed the first craniofacial team in 1938 in Lancaster, Pennsylvania in response to addressing the special needs of infants born with cleft lip with or without cleft palate. Copper recruited physicians, nurses, speech therapists and clinical psychologists to work as a team that focuses on families with children presenting facial and/or oral clefts. His multidisciplinary team approach clearly is the precedent for interprofessional education and health care.

The International Dental Federation (FDI), in its 2012 report, emphasized that the dental profession can make a significant contribution to
the improvement of global oral health during the next decade. The FDI document called for a new model of oral health care underscoring the importance of collaboration. In its document, FDI highlighted the following five areas as cornerstones of a new and responsive model:

1. Meet the increasing need and demand for oral healthcare.
2. Expand the role of existing oral healthcare professionals.
3. Shape a responsive educational model.
4. Mitigate the impacts of socio-economic dynamics.
5. Foster fundamental and translational research and technology.

In 2014, a series of reports and conferences focused on the opportunities for interprofessional collaborations in education and patient-centered comprehensive health care as well as integration of mental, vision and oral health care into primary health care such as that supported by CDA and those supported by DentaQuest. In response to many recommendations, Health Resources and Services Administration (HRSA) within the Department of Health and Human Services, published “Integration of Oral Health and Primary Care Practice” which provides an excellent blueprint for addressing the array of oral health care needs of our nation’s underserved populations of all ages.

On November 6, 2014, The Center for Oral Health organized a symposium to address the aforementioned opportunities. **Oral Health 2020: A Vision for Integrated Care** symposium was the result of collective thinking about inspiring, motivating, and educating healthcare providers to take charge in shaping the future of healthcare delivery to improve oral health outcomes. It was a collective idea about envisioning a new, responsive, and fair model that enhances the practice of dentistry, dental hygiene, medicine, nursing, pharmacy, physical therapy, occupational therapy, and the behavioral sciences by promoting integration of mental health, vision health and oral health with primary care. A bold and yet modest effort to engage healthcare providers, from the broad spectrum of the healthcare professions, in identifying healthcare delivery models that innovate and lead to an aspired integration. The symposium showcased a number of existing healthcare delivery models (so-called “best practices”) that take significant steps toward integration; it also showcased existing health care financing efforts that understand the value of oral health integration to improve health outcomes; and explored health profession education models that value and contribute to the integration of oral health and primary care. Lastly, the symposium provided a space for healthcare providers to reflect on existing knowledge to provide recommendations to strengthen local, national, and global efforts to integrate oral health and primary care.

This report summarizes the highlights from the symposium held on November 6th. The information provides numerous opportunities for integration towards improving California as well as our nation’s healthcare systems. We believe
that the information in this report is timely and accurate. Imagine what might be realized by 2020 or in just 5 more years. We thank all who attended and participated in the symposium.

Harold Slavkin, DDS
Symposium Chair

Jack Dillenberg, DDS, MPH
Board Chair

Conrado E. Bárzaga, MD
Executive Director
ACKNOWLEDGEMENTS

Technical Support

Oral Health 2020: A Vision for Integrated Care was hosted and organized by the Center for Oral Health, a nonprofit organization founded in 1985 under the name Dental Health Foundation. Based in California, the mission of the Center for Oral Health is to improve oral health through innovation, research, education, and advocacy.

Center for Oral Health’s efforts to coordinate the symposium were supported by a group of dedicated individuals who provided guidance and input. Center for Oral Health gratefully acknowledges the technical input and expert advice provided by Dr. Harold (Hal) Slavkin. Dr. Slavkin served as co-architect of the symposium, and acted as an incredible force to bring together an exceptional program.

Center for Oral Health also recognizes the valuable contributions made by Dr. Dushanka Kleinman, DDS, MScD. Associate Dean for Research and Professor, University of Maryland College Park School of Public Health, and Former Chief Dental Officer, U.S. Public Health Services for her thorough collection of notes during the symposium. Her contributions were key to compile this report.

Thanks are due to the members of the Planning Committee and the organizations they represent: Dr. Conrado E. Barzaga; Dr. Maritza Cabezas (Public Health Department, Los Angeles County); Ms. Angela Coron (Kaiser Permanente); Dr. Jared Fine; Dr. Rebecca Lee (American Academy of Pediatric Dentistry); Dr. Howard Pollick (University of California at San Francisco); Ms. Kathleen Titus (Henry Schein), and Dr. Jorge Rojas (Colgate Oral Pharmaceuticals)

Acknowledgement is made to the staff of Center for Oral Health, especially Ms. Lauren Bale, Program Assistant, and close collaborator to the Executive Director, for providing administrative and logistic support throughout the symposium development process. Center for Oral Health also acknowledges Lauren Bale and Brenton Hughes, Program Associate, for technical editing, design, and layout of this report.

Financial Support

Center for Oral Health expresses special appreciation to Liberty Dental Foundation, which generous financial contribution to make Oral Health 2020 a successful event.

Center for Oral Health expresses appreciation to the many foundations that provided grant support to Oral Health 2020: DentaQuest Foundation, Kaiser Permanente Community Benefits, Delta Dental of California, Colgate Pharmaceuticals, California HealthCare Foundation, The California Endowment, California Community Foundation, Queenscare Foundation, Patterson Dental, and First 5 LA.

Center for Oral Health also acknowledges its educational partners: Western University of Health Sciences, American Dental Education Association (ADEA), and Lutheran Healthcare Residency Program.

Center for Oral Health also acknowledges Henry Schein Inc, and Midmark Corporation for providing additional financial support for the symposium.
SUMMARY

Introduction

Oral Health 2020: A Vision for Integrated Care was convened by the Center for Oral Health and hosted in Long Beach, California on November 6, 2014. The symposium was guided by the belief that the state of optimal health cannot be accomplished without good oral health and that new, responsive, and fair healthcare delivery models must result in a true integration of oral health into primary health care.

The symposium focused the attention of healthcare providers, health leaders, academicians, and decision makers on the integration of oral health and primary care as a desired quality of healthcare delivery models of the future. Scientific sessions were concentrated on the following topics:

- Integrative Care through School-Based Comprehensive Dental Care Models
- Providing Integrative Care through Traditional Healthcare Delivery Models
- Aligning Healthcare Financing with Evidence – A Case for Integration
- The History of Integrated Care Models and the role of Government
- Global Perspective on Integrated Care Models
- The Role of Academia: Opportunities and Challenges to Promote Integrative Care during health professionals’ formative years

The topics of the various scientific sessions aimed at engaging healthcare providers from the broad spectrum of health professions, in identifying various opportunities to implement healthcare delivery models that lead to more just systems of care.

Oral Health 2020: A Vision for Integrated Care attracted the participation of some of the most renowned opinion leaders in the United States.

Background

Craniofacial-oral-dental diseases and disorders are significant public health challenges of the 21st century. Tooth decay and periodontal disease, particularly are

Birth defects, tooth decay, head and neck trauma, gingivitis and periodontal diseases, temporomandibular dysfunction, chronic facial pain, and an array of head and neck cancers exemplify the impact of these diseases and disorders on the human condition around the world. Further, these and other oral diseases and disorders not only reflect general health conditions, they also can exacerbate them (e.g. periodontal diseases affects type2 diabetes, heart disease, and chronic obstructive pulmonary disease, as well as perinatal health in mothers and newborn infants.

Labeled a “silent epidemic” by the U.S. Surgeon General, tooth decay or dental caries is a universally prevalent chronic oral disease and represents a transmissible opportunistic infectious disease. The disease affects, in greater measures, vulnerable population groups across the lifespan, including pregnant women, infants and children, adolescents, and older adults. It affects disproportionally low-income people, minority groups, and people with special health care needs, often resulting in greater access to health care inequalities.

These inequalities and the persistent barriers to healthcare access were identified and documented in the first ever Surgeon Generals Report "Oral Health in America" released in May 2000. That report and those to follow provide recommendations for new and innovative approaches to increasing access to quality oral health care. Some models emphasize quality and integration of healthcare systems (ref); other models emphasize efficiencies and cost-reduction. These examples elevate the notion of existing social and market forces that call for new ways to address a problem that has prevailed in spite of years of calling it an "epidemic".

A recommendation gaining attention and momentum is the integration of oral health into primary health care. Integration potentially
reverses the traditional divide between medical and oral health care that has virtually separated the mouth from the rest of the body. In 2011, the Interprofessional Education Collaborative (IPEC) provided “Core Competencies for Interprofessional Collaborative Practice” inspired by a vision of interprofessional collaborative practices as a key to the safe, high quality, accessible, patient-centered care desired by all (i.e. nursing, pharmacy, osteopathy, medicine, dentistry) (ref). The Core Competencies are values/ethics, roles and responsibilities, communication within and between health professions, and teams and teamwork.

The International Dental Federation (FDI), in its 2012 report emphasized that the dental profession can make a significant contribution to the improvement of global oral health during the next decade. The FDI document called for a new model of oral health care underscoring the importance of collaboration. In its document, FDI highlighted the following five areas as cornerstones of a new and responsive model:

1. Meet the increasing need and demand for oral healthcare.
2. Expand the role of existing oral healthcare professionals.
3. Shape a responsive educational model.
4. Mitigate the impacts of socio-economic dynamics.
5. Foster fundamental and translational research and technology.

In 2014, a series of reports and conferences focused on the opportunities for interprofessional collaborations in education and patient-centered comprehensive health care as well as integration of mental, vision and oral health care into primary health care. In response to many recommendations, Health Resources and Services Administration (HRSA) within the Department of Health and Human Services, published “Integration of Oral Health and Primary Care Practice” which provides an excellent blueprint for addressing the array of oral health care needs of our nation’s underserved populations of all ages.

The Center for Oral Health also envisions changes in the healthcare delivery that go beyond collaboration between dentistry and medicine. We believe that new and responsive models must result in a true integration of oral health and primary care. They must effectively address the dysfunctions of the existing healthcare systems, which today result in the system’s inability to adequately provide access, ensure quality, and restrain costs. Our vision fosters the creation of models of a more comprehensive and quality healthcare system: a timely, efficient, effective, and patient-centered approach that provides equal access for all.

On November 6, 2014, The Center for Oral Health organized a symposium to address the aforementioned opportunities. Oral Health 2020: A Vision for Integrated Care symposium was the result of collective thinking about inspiring, motivating, and educating healthcare providers to take charge in shaping the future of healthcare delivery to improve oral health outcomes. It was a collective idea about envisioning a new, responsive, and fair model that enhances the practice of dentistry, dental hygiene, medicine, nursing, pharmacy, physical therapy, occupational therapy, and the behavioral sciences by promoting integration of mental health, vision health and oral health with primary care. A bold and yet modest effort to engage healthcare providers, from the broad spectrum of the healthcare professions, in identifying healthcare delivery models that innovate and lead to an aspired integration. The symposium showcased a number of existing healthcare delivery models (so-called “best practices”) that take significant steps toward integration; it also showcased existing health care financing efforts that understand the value of oral health integration to improve health outcomes; and explored health profession education models that value and contribute to the integration of oral health and primary care. Lastly, the symposium provided a space for healthcare providers to reflect on existing knowledge to provide recommendations to strengthen local, national, and global efforts to integrate oral health and primary care.
This report summarizes the highlights from the symposium held on November 6th. The information provides numerous opportunities for integration towards improving California as well as our nation’s healthcare systems. We believe that the information in this report is timely and accurate. We thank all who attended and participated in the symposium.

**Organization**

Oral Health 2020: A Vision for Integrated Care had the format of a symposium. It took place in one day, on November 6, 2014 with more than 300 participants. Participants represented varied aspect of healthcare, including students from various universities in California. Plenary sessions included the official opening and closing of the event and interviews and roundtable discussions about integration of oral health and primary care.

The day started with a brief welcoming from Dr. Conrado E. Bárzaga, MD. Executive Director, Center for Oral Health, followed by another speech by Dr. Harold Slavkin, Chairperson of the Symposium Planning Committee.

The Opening speech was provided by Robert K. Ross, MD, President and Chief Executive Officer of The California Endowment, the largest health foundation in California. The California Endowment’s mission is to expand access to affordable, quality health care for underserved individuals and communities and to promote fundamental improvements in the health status of all Californians.

Plenary sessions and roundtable discussions followed the opening session. All sessions were moderated by selected community representatives. There was a symposium summary activity toward the end of the day led by Dushanka Kleinman, DDS, MScD. Associate Dean for Research and Professor, University of Maryland College Park School of Public Health and Former Chief Dental Officer, U.S. Public Health Services.

The symposium was held at Hotel Maya, in Long Beach California. The official program took place in purpose-built conference room.

This symposium report summarizes and synthetizes the proceedings and outcomes of Oral Health 2020: A Vision for Integrated Care. This report has been prepared by Center for Oral Health.
SESSIONS

Opening Speeches


Dr. Conrado E. Bárázaga welcomed participants to the symposium, stating that it was an honor to the Center for Oral Health to host such an important event. He referred to the considerable work that had taken place in preparation to the event and thanked his staff, the Center for Oral Health’s board of directors, and the planning committee for the rich advice provided. He welcomed the speakers and thanked them for their participation and contributions to advancing an oral health agenda that promises to improve access to care for underserved and vulnerable population; improve health outcomes; and reduce the cost of healthcare to make systems of care more sustainable and equitable.

Dr. Harold Slavkin joined with Conrado Barzaga to welcome participants to Oral Health 2020. He reflected upon the coalition that worked to produce the first-time ever Surgeon General’s Report “Oral Health in America” fourteen years ago and the opportunities today for improving access to oral health care for all Americans. He emphasized the need for major revisions in health professional education as well as health professional continuing education that together can enable sustainable integration between health professions. He also emphasized that societal needs should inform and direct health professional education.

Finally, he recalled the work of Herbert Cooper in forming craniofacial teams and Cooper’s call for cooperation, coordination, and collaboration between members of multidisciplinary teams providing optimal and coordinated health care for all patients.

Dr. Robert K. Ross emphasized that change that comes from within is one of the most challenging to achieve. He stated that integration of healthcare as needed for patient-centered care and wellness, is a different fight. It is different than those where we address external factors related to care because the enemy in this fight is “us,” the professionals within the boundary of healthcare. Dr. Ross underscored the role of the audience by saying “…we can not wait for CMS or other agencies to take action; we must move more aggressively to develop models – and to get the models to scale; our challenge is to identify how we can incentivize models to scale up as a matter of course…”
Integrative Care Through School-Based Comprehensive Dental Care Models

Objective: Explore existing school-based implementation models; discuss lessons learned, and share insights on how to reduce the cost of care while increasing access to quality oral health care to improve overall health outcomes of the students.

Moderator: Maryjane Puffer, BSN, MPA, Executive Director, The Los Angeles Trust for Children’s Health.

Presenters: Timothy S. Martinez, DMD, Associate Dean, Western University of Health Sciences, College of Dental Medicine & First 5 Los Angeles Children’s Dental Disease Project; Sean Boynes, DMD, MS, DAs, Director of Dental Medicine, CareSouth Carolina & Expert Advisor, DentaQuest Institute – Safety Net Solutions; Paul Glassman, DDS, MBA, Professor, University of the Pacific, Arthur A. Dugoni School of Dentistry.

Dr. Timothy Martinez - Great need for health services at public school sites, which also offers an unparalleled opportunity to provide services to one of the most underserved and often hard-to-reach populations. Independent health care providers may offer services for students on campus (school-based) or at a location within the school community (school-linked). The Affordable Care Act supports school-based health services and requires use of performance measures and business plans for sustainability. To make school-based services sustainable these must be comprehensive and integrate with primary care services provided by the school nurses, the school district health care program, or community partner. Co-training and co-practicing in these settings – the interprofessional education and practice – is catalytic and is “imprinting” the practicing health care professional students and residents. Investments during the professional’s early development can have dividends regarding their willingness to incorporate and integrate oral health throughout their career. Trust between community and program staff is essential to program participation.

Dr. Sean Boynes - Critical analysis of the community’s needs is required to determine the “best approach.” This may warrant approaches that do not traditionally fit with current reimbursement system monitoring and payments. Don’t be held back by status quo. Understanding the underlying cause of “events (adverse or otherwise)” informs quality improvement efforts. He described the use of “dummy” event codes for specific categories (community outreach, patient compliance, prevention, restorative, anesthesia, behavioral management, endodontics) that allow for identifying contributing factors and for proactive course correction in real time.

Dr. Paul Glassman - Telehealth connected teams continue to provide effective outcomes for population oral health. The hub and spoke virtual dental home model is addressing both the oral health needs of the population and the ability to extend care through better use of healthcare providers and technology. Payment systems that support value based incentives will extend this type of model.
Integrative Care Through Traditional Healthcare Delivery Models

Objective: Explore existing dental care delivery models and opportunities to integrate further with available resources and infrastructure.

Moderator: Emma Turner, PhD, Psychologist & school board President, La Mesa Spring Valley School District.

Presenters: Michael Helgeson, DDS, Chief Dental Officer, Apple Tree Dental; Jeffrey Parker, MBA, Chief Executive Officer, DentaQuest Healthcare Delivery; Mike Plunkett, DDS, MPH, Senior Director, Dental Care Delivery, Kaiser Permanente Northwest.

Dr. Michael Helgeson presents on community collaborative practices, ones that connect to where people live, play and work, are effective in integrating oral health effectively and efficiently. Investing in developing and employing dental liaisons and care coordinators provides an essential centerpiece - maintaining formal relationships, front-loading pre-treatment procedures (informed consent, equipment/supplies, provider scheduling), having intimate knowledge of each facility/program policies and requirements. To value and recognize the importance of self-care, and caregiver roles can be realized by providing written daily care plans for each patient. Other opportunities should be pursued such as to focus on quality indicators allows for a common dialogue across health programs aimed at a given population. Another strategy can be found within the Accountable Care Models and Coordinated Care Models – each is an opportunity for further integration.

Mr. Jeffrey Parker - Investment in community outreach and services that enhance the daily lives and activities of the community have benefited the community’s use and value of the dental program. Providing families with basic health measures beyond dental (height, weight, blood pressure) has stimulated subsequent needed health care and provided families with an additional outcome of the dental visit. Integration
of medical data with dental data can further enrich patient’s awareness that their mouth is connected to the rest of the body.

**Dr. Michael Plunkett** – A need for and a commitment to invest in measurement, measurement and better measurement. Having data that allow us to monitor overall progress in healthcare systems can serve to better inform and support integration of oral health within general primary health care. He spoke about the patient support tool and the care gap closure; he called for integrated data measures such as for indicating care coordination (cancer, pediatrics, orthopedics, cardiovascular surgery); and he called for the need for research to assess patient/population health outcomes with and without dental care services. There is a need to develop strategies that lower risk to other diseases. During the discussion – the question raised was about the likelihood of adoption of the full portfolio of salivary diagnostics by the dental profession. This clinical tool holds promise for a network of integrated triage and referral systems and pathways for dialogue among health professions - all for the benefit of the population’s health. However, a challenge mentioned included the decision made by malpractice insurance coverage carriers to not cover dentists who provide these services.

**Aligning Healthcare Financing with Evidence – A Case for Integration**

**Objective:** Learn about existing evidence of better overall health outcomes through improved oral health care, current industry drivers, and cutting edge initiatives.

**Moderator:** Ariane Terlet, DDS, Chief Dental Officer, La Clínica de la Raza.

**Presenters:** Mary Lee Conicella, DMD, FAGD, Chief Dental Officer, Aetna, Inc.; Ronald Inge, DDS, Chief Dental Officer, Western Dental and Brident Dental & Orthodontics; Mike Plunkett, DDS, MPH, Senior Director, Dental Care Delivery, Kaiser Permanente Northwest.

**Dr. Mary Lee Conicella** – Third party payers are invested in learning more about their beneficiary’s health outcomes and they are investing in analyzing health outcomes/indicators in the context of the plans they offer. In turn they are incorporating their findings into new “products,” based on these findings and testing approaches that may further support overall positive health outcomes. Partnerships with professional associations have further informed the dental insurance industry and provided them with the ability to learn from and support alliances across health professions and collaborations between the professional association and communities. The example of the work Aetna has been doing with the National dental Association, National Medical Association, and the National Black Nurses Association should be mentioned. Dr. Conicella mentioned the Institute of Medicine Report on integration of primary care and public health as a framework to be considered for future work.

**Dr. Ron Inge** – Risk assessment is our next big thing (and is essential to integration.) Our move toward a risk assessment based practice approach been blocked due to the culture of our profession and the expectations we have built within the people we serve. Beneficiaries as well as providers do not want to “lose” what they have come to expect as theirs. Our challenge is to learn how to manage the resultant change in
expectations as we incorporate findings from science into practice. Aligning finance will, if we first invest in aligning culture and tradition.

Dr. Michael Plunkett - Global payment is an incentive toward achieving the vision of integrated care. Measurements are needed. One of the keys to success is the approach to “warm handoffs.”

Discussion:

To move forward we need champions and players in all places of decision-making. There is a need to be informed about and understand the business side of this challenge.

Some are calling for further proof of concept and for Randomized Control Trials. Others believe they should move forward with what we know today.

There is a need to meet with/talk to large corporations. Health plan negotiations are underway with these corporations with large numbers of employees. Introduction/inclusion of oral health can lead to broader change. Steps to influence these corporations should be taken now.

Lunch Keynote Address

Dr. Lynn Mouden – provided a historical perspective to the separation of dentistry and medicine. Highlighted the limited expertise and visibility of dental/oral health in agencies such as CMS.

Dr. Mouden mentioned that the largest health insurers, Cigna, United Healthcare, Blue Cross and Blue Shield, and Aetna currently provide medical and dental coverage policies and will likely drive integration of oral and primary care as cost-controlling strategy.

Dr. Earl Fox – highlighted the need to use national initiatives such as Healthy People Health Promotion and Disease Prevention initiatives to move the agenda forward. The current 2020 oral health objectives do not call for integration,

From his experience with HRSA and elsewhere, there is a need to work toward Health Information Technologies that combine and truly integrate medical/dental services (stressing interoperability and meaningful use). (The Health Information Technology for Economic and Clinical Health (HITECH) Act, enacted as part of the American Recovery and Reinvestment Act of 2009, was signed into law on February 17, 2009, to promote the adoption and meaningful use of health information technology.)

He reiterated the importance of working at the top of a health professional’s license. In addition, he recommended an assessment of workforce availability and needs.

Presenters: Lynn Mouden, DDS, MPH, Chief Dental Officer, Centers for Medicare and Medicaid Services (CMS) and Claude Earl Fox, MD, MPH, Research Professor, University of Miami, Miller School of Medicine and Former Deputy Secretary of Health, U.S. Department of Health and Human Services.
Global Perspectives on Integrated Care Models

Objective: Explore existing global efforts and encourage patient-centered health promotion and healthcare delivery models.

Moderator: Melinda Cordero, Associate Director, Visión y Compromiso


Key Highlights and Recommendations:
Oral health has been part of WHO since its inception/creation in 1948. Three developments were highlighted by the presenters:

• Since the 1980 there has been a marked decline in the prevalence of dental caries, attributed mostly to the development of cost-effective salt and water fluoridation programs.
• Two: progress has reached some populations and access to oral health care remains unmet; the burden of disease is severe and remains high in certain geographic areas and high-risk populations. Barriers that prevent equitable oral health care to reach all populations include:
  - Escalating cost of dental care
  - Limited awareness of importance of oral health
  - Inequitable access to oral health care services (especially for vulnerable groups such as women, children, indigenous, physically disabled and elderly)
• WHO/PAHO recognized there are common risk factors among oral pathologies and chronic diseases. This acknowledgement led to the development of recommendations and guidelines to address highly prevalent chronic diseases such as diabetes, cardiovascular diseases, certain cancers, and respiratory diseases along with caries, periodontal disease and oral cancers through common strategies that aim at reducing common risk factors: tobacco, alcohol, and diet.

Efforts in developing and developed countries provide examples and models for integration. Global health problems are best addressed by cooperative and collaborative efforts/solutions. The "social determinants of health initiative" serves as an example of the ultimate integration – integration that crosses multiple sectors. Addressing common risk factors, aligned with other health, education, and social service professionals, is a path toward integration that has worked in other countries.
Dental Education: Opportunities and Challenges for Integration of Oral Health Education and Practices into Primary Health Care

**Objective:** Discuss the potential role of dental education in modeling patient-centered integrated health systems of care. The Deans will provide insight into their process of developing interprofessional collaborative practices in the institutions.

**Moderator:** Harold Slavkin, DDS, Dean Emeritus, University of Southern California, Herman Ostrow School of Dentistry.

**Presenters:** R. Bruce Donoff, DMD, MD, Dean, Harvard University School of Dental Medicine; Jack Dillenberg, A.T. Still University, School of Dentistry & Oral Health; Steven Friedrichsen, DDS, Dean, Western University of Health Sciences, College of Dental Medicine; John D.B. Featherstone, Msc, PhD, Dean and Distinguished Professor, University of California, San Francisco.

**Key Highlights and Recommendations:** This session provided candid discussions regarding opportunities as well as challenges within university environments to engage in major revisions in health professional education. This is especially valid for well-established universities with long histories. The examples of new institutions such as A.T. Stills and Western Universities provided the opportunity to see what is already happening between health professions to establish interprofessional education and health care practices. Dean Bruce Donoff highlighted some of the innovations now being advanced at Harvard’s School of Dental Medicine towards integration of oral health and primary care. Dean John Featherstone provided his assessment of progress within the UCSF environment.
Symposium Summary

Objective: Address the group’s perspectives about integrated care and discuss recommendations for future action.

Presenter and Facilitator of Group Activity: Dushanka Kleinman, DDS, MScD, Associate Dean for Research and Professor, University of Maryland College Park School of Public Health, Former Chief Dental Officer, U.S. Public Health Services.
SUGGESTED READINGS


EVALUATION RESULTS

This section summarizes the symposium evaluation reports. It highlights number of participants, the different health profession disciplines they represent, and how participants perceived and evaluated the symposium.

Symposium Objectives

1. Disseminate best and promising practices that promote oral health integration with primary health care.
2. Share new research findings related to oral connection to the rest of the body, and the effectiveness of integrated care.
3. Present new approaches to oral health care delivery.
4. Engage healthcare providers in the formulation of public and institutional policy recommendations.
5. Inspire, motivate, and educate healthcare providers to take charge in shaping the future of healthcare delivery to improve oral health outcomes.

Presentations Ratings

Overall, presentations were rated very highly by attendees. (See Figure 1).

![Figure 1: Presentation Ratings]

Attendee Comments:
- Looking forward to coming back in Fall 2015!
- It was an excellent idea to incorporate the “Global” Perspective
- Very well organized
- All presentations were clear, engaging, stimulating....
- Great Program, Excellent Discussion
Geographic and Disciplinary Diversity of Attendees

Symposium Attendance by State

Oral Health 2020: A Vision for Integrated Care had an attendance of 300 healthcare professionals. Attendees represented 24 states (including the District of Columbia). 80 percent of participants were from California. Symposium participants were—understandably, in a vast majority from California, which represents 80% of attendees. The remaining 20% represented various states throughout the United States (see Figure 2).

<table>
<thead>
<tr>
<th>State</th>
<th>Attendees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>1</td>
</tr>
<tr>
<td>Arizona</td>
<td>5</td>
</tr>
<tr>
<td>California</td>
<td>213</td>
</tr>
<tr>
<td>Colorado</td>
<td>6</td>
</tr>
<tr>
<td>Florida</td>
<td>1</td>
</tr>
<tr>
<td>Georgia</td>
<td>3</td>
</tr>
<tr>
<td>Illinois</td>
<td>3</td>
</tr>
<tr>
<td>Iowa</td>
<td>2</td>
</tr>
<tr>
<td>Maryland</td>
<td>2</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>7</td>
</tr>
<tr>
<td>Minnesota</td>
<td>1</td>
</tr>
<tr>
<td>Mississippi</td>
<td>1</td>
</tr>
<tr>
<td>New Jersey</td>
<td>1</td>
</tr>
<tr>
<td>New York</td>
<td>1</td>
</tr>
<tr>
<td>North Carolina</td>
<td>1</td>
</tr>
<tr>
<td>North Dakota</td>
<td>2</td>
</tr>
<tr>
<td>Oregon</td>
<td>7</td>
</tr>
<tr>
<td>Pennsylvannia</td>
<td>1</td>
</tr>
<tr>
<td>South Carolina</td>
<td>1</td>
</tr>
<tr>
<td>Texas</td>
<td>2</td>
</tr>
<tr>
<td>Utah</td>
<td>1</td>
</tr>
<tr>
<td>Washington (State)</td>
<td>2</td>
</tr>
<tr>
<td>Washington, DC</td>
<td>2</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>1</td>
</tr>
</tbody>
</table>

Attendee Comments:
- Great Speakers! Thank You.
- Outstanding Presentations- Robert Ross, Paul Glassman, Mike Plunkett.
- This has been an impressive symposium due to its inclusiveness of delivery models
- Kudos to you for executing this vision for integrated care
- I am encouraged and inspired to build more partnerships in the community
**Symposium Attendance by California County**

Participants from the state of California also represented a statewide interest in the topic of oral health integration with primary care systems. Symposium participants represented 18 California counties. The counties of Los Angeles, San Diego, Orange, Ventura, San Bernardino, San Francisco, and Sacramento had the highest attendance. (See Figure 3)

**Symposium Attendance by Discipline**

Symposium participants represented at least six healthcare professions: Dentistry, Medicine, Nursing, Dental Hygiene, Dental Assistance, and Social Work. (See Figure 4)
Letter of Welcome

Dear Attendees, Speakers, Volunteers, and Sponsors,

Welcome to the Center for Oral Health’s 2014 Oral Health Symposium! This Symposium is guided by a firm belief that the state of optimal health cannot be accomplished without good oral health. This belief is at the core of Center for Oral Health’s work since its inception in 1985.

“Oral Health 2020: A Vision for Integrated Care” as we have titled this year’s Symposium, aims at engaging healthcare providers from the broad spectrum of health professions, in identifying healthcare delivery models that lead to aspired integration.

We believe that new, responsive, and fair models must result in a true integration of oral health into primary health care. New models will effectively address the dysfunctions of the existing healthcare systems, which today result in the system’s inability to adequately provide access, ensure quality, and restrain costs. Together, our goal is to create the blueprint for a more adequate healthcare system. A system of care that is timely, efficient, effective, and patient-centered; one that provides equal access for all.

Today we celebrate oral health leaders and innovative practices from all over the world. Oral Health 2020: A Vision for Integrated Care, will showcase existing healthcare delivery models that take significant steps toward integration; it will showcase existing financing efforts that understand the value of oral health integration to improve health outcomes; and it will explore health profession education models that value and contribute to the integration of oral health into primary care.
Over the next 12 months, the Center for Oral Health will complete the Assessment of Oral Health Care Needs of California’s Older Adults. The findings of this highly anticipated assessment will be presented at our 2015 Symposium which will be dedicated to the theme of Oral Health and Older Adults.

Enclosed you will find a full program for today’s events, including guest presenters, featured sponsors and recognition for our two Oral Health Leadership Award recipients.

We thank you for being here and hope you enjoy today’s event.

Let’s end this year’s Symposium with a bang!!!

Conrado Barzaga, MD
Executive Director,
Center for Oral Health

Harold K. Slavkin, DDS
Chairperson for the 2014 Symposium Planning Committee
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:30</td>
<td>Registration, Breakfast, Exhibits and Networking</td>
</tr>
<tr>
<td>8:30 – 9:00</td>
<td><strong>Opening Remarks and Welcoming Address</strong></td>
</tr>
<tr>
<td></td>
<td>Conrado Bárázaga, MD. Executive Director, Center for Oral Health</td>
</tr>
<tr>
<td></td>
<td>Harold Slavkin, DDS. Chairperson of the Planning Committee. Dean</td>
</tr>
<tr>
<td></td>
<td>Emeritus, University of Southern California, Herman Ostrow School of</td>
</tr>
<tr>
<td></td>
<td>Dentistry, Former Director of the National Institute for Dental and</td>
</tr>
<tr>
<td></td>
<td>Craniofacial Research (NIDCR)</td>
</tr>
<tr>
<td></td>
<td>Robert K. Ross, MD. President and Chief Executive Officer, The</td>
</tr>
<tr>
<td></td>
<td>California Endowment</td>
</tr>
<tr>
<td>9:00 – 10:00</td>
<td><strong>Integrative Care Through School-Based Comprehensive Dental Care Models</strong></td>
</tr>
<tr>
<td></td>
<td>This presentation will explore existing implementation models and</td>
</tr>
<tr>
<td></td>
<td>opportunities to integrate further into the school districts with</td>
</tr>
<tr>
<td></td>
<td>available resources such as school-based health centers, school</td>
</tr>
<tr>
<td></td>
<td>nurses, and wellness programs. The session will discuss the lessons</td>
</tr>
<tr>
<td></td>
<td>learned and insights on how to reduce the cost of care while</td>
</tr>
<tr>
<td></td>
<td>increasing access to quality oral health, improving quality</td>
</tr>
<tr>
<td></td>
<td>healthcare and improve overall health outcomes of the</td>
</tr>
<tr>
<td></td>
<td>students.</td>
</tr>
<tr>
<td></td>
<td><strong>Presenters:</strong></td>
</tr>
<tr>
<td></td>
<td>Timothy S. Martinez, DMD. Associate Dean, Western University of</td>
</tr>
<tr>
<td></td>
<td>Health Sciences College of Dentistry &amp; First 5 Los Angeles Children’s</td>
</tr>
<tr>
<td></td>
<td>Dental Disease Project</td>
</tr>
<tr>
<td></td>
<td>Sean Boynes, DMD, MS, DAs. Director of Dental Medicine, CareSouth</td>
</tr>
<tr>
<td></td>
<td>Carolina &amp; Expert Advisor, DentaQuest Institute – Safety Net Solutions</td>
</tr>
<tr>
<td></td>
<td>Paul Glassman, DDS, MBA. Professor, University of the Pacific, Arthur</td>
</tr>
<tr>
<td></td>
<td>A. Dugoni School of Dentistry</td>
</tr>
<tr>
<td></td>
<td><strong>Moderator:</strong></td>
</tr>
<tr>
<td></td>
<td>Maryjane Puffer, BSN, MPA. Executive Director, The Los Angeles Trust</td>
</tr>
<tr>
<td></td>
<td>for Children’s Health</td>
</tr>
</tbody>
</table>
10:00 – 10:15  Break

10:15 – 11:15  Integrative Care Through Traditional Healthcare Delivery Models
This session will explore existing dental care delivery models and opportunities to integrate further with available resources, such as primary care providers, school-based health centers, and community health centers.

Presenters:
Michael Helgeson, DDS. Chief Executive Officer, Apple Tree Dental, Minnesota
Jeffrey Parker, MBA. Chief Executive Officer, DentaQuest Healthcare Delivery
Mike Plunkett, DDS, MPH. Senior Director, Dental Care Delivery, Kaiser Permanente Northwest

Moderator:
Emma Turner, PhD. Psychologist & School Board President, La Mesa Spring Valley School District

11:15 – 12:15  Aligning Healthcare Financing With Evidence – A Case For Integration
In this presentation, you will be exposed to existing evidence of better overall health outcomes through improved oral health care, current industry drivers, and cutting edge initiatives.

Presenters:
Mary Lee Conicella, DMD, FAGD. Chief Dental Officer, Aetna, Inc.
Ronald Inge, DDS. Chief Dental Officer, Western Dental and Brident Dental & Orthodontics
Mike Plunkett, DDS, MPH. Senior Dental Director, Dental Care Delivery, Kaiser Permanente Northwest

Moderator:
Ariane Terlet, DDS. Chief Dental Officer, La Clinica de la Raza

Slides from the presentations will be available on our website in the next few weeks at centerfororalhealth.org.
Agenda - Afternoon

12:15 – 1:30  Lunch and Speakers

Opening Address:
Lynn Mouden, DDS, MPH. Chief Dental Officer, Centers for Medicare and Medicaid Services (CMS)

Keynote Speaker: Integrated Care Models
Claude Earl Fox, MD, MPH. Research Professor, University of Miami, Miller School of Medicine. Former Deputy Secretary of Health. U.S. Department of Health and Human Services

1:30 – 2:30  Global Perspective on Integrated Care Models
This session will explore existing global efforts that encourage patient-centered health promotion and healthcare delivery models.

Presenters:
Lois Cohen, PhD. Consultant & Paul G. Rodgers Ambassador for Global Health Research
Saskia Estupiñán-Day, DDS, MPH. Senior Advisor in Oral Health, Pan American Health Organization (PAHO)/ World Health Organization (WHO)
Alex Bustos, DMD, MPH, PhD. Dean, University of Concepción, Chile

Moderator:
Melinda Cordero, Associate Director, Visión y Compromiso
2:30 – 3:30  Dental Education: Opportunities and Challenges for Integration of Oral Health Education and Practices into Primary Health Care
This panel discussion will discuss the potential role of dental education in modeling patient-centered integrated health systems of care. The Deans will provide insight into their processes of developing interprofessional collaborative practices in the institutions and how the clinical experiences are included.

Panel:
R. Bruce Donoff, DMD, MD. Dean, Harvard University School of Dental Medicine
Jack Dillenberg, DDS, MPH. Dean, A.T. Still University, Arizona School of Dentistry & Oral Health
Steven Friedrichsen, DDS. Dean, Western University of Health Sciences College of Dental Medicine
John D.B. Featherstone, MSc, PhD. Dean and Distinguished Professor, University of California, San Francisco School of Dentistry

Moderator:
Hal Slavkin, DDS. Dean Emeritus, University of Southern California, Herman Ostrow School of Dentistry

3:30 – 3:45  Break

3:45 – 4:45  Symposium Summary
This interactive group activity will address your perspectives about integrated care and your recommendations for future actions.

Presenter/Facilitator of Group Activity:
Dushanka Kleinman, DDS, MScD, Associate Dean for Research and Professor, University of Maryland College Park School of Public Health, Former Chief Dental Officer, U.S. Public Health Services

4:45 – 5:00  Closing Remarks
Conrado E. Bárzaga, MD. Executive Director, Center for Oral Health

5:00 – 6:00  Reception and Reflection
Join us for a relaxing reception to reflect on the day’s event and enjoy the beautiful Long Beach sunset.

Make sure to visit all the exhibitors for a chance to win a prize at the evening Reception!
Speaker Biographies

Conrado Barzaga, MD is the Executive Director of the Center for Oral Health, a California based nonprofit research and professional education institute. Dr. Barzaga is an internationally recognized public health leader with nearly 20 years of progressively important positions with organizations addressing healthcare issues. He has served in top leadership positions for the Los Angeles County Commission on Children and Families First Proposition 10 (First 5 LA), Planned Parenthood, and Sacred Heart University’s Area Health Education Center. Prior to his appointment to the Executive Director position with Center for Oral Health, Dr. Barzaga directed the Health Investments for the Los Angeles First 5 Commission and helped develop the Los Angeles Oral Health Needs Assessment of Underprivileged Children, the Baby-Friendly Hospital Initiative, and the Community Water Fluoridation of Los Angeles County.

Sean Boynes, DMD, MS, DAS is a Dentist Anesthesiologist that received his D.M.D. from the University of Pittsburgh and completed a three-year residency in anesthesia from the University of Pittsburgh Medical Center. He currently serves as Director of Dental Medicine at CareSouth Carolina in Society Hill, SC and as Expert Advisor to the DentaQuest Institute-Safety Net Solutions. Dr. Boynes has been recognized by many organizations and the National Health Service Corp recently featured him as one of the 40 top clinicians for their 40th Anniversary Celebration and the National Children’s Oral Health Foundation lists him as a Dentist of Distinction.

Alex Bustos, DMD, MPH is the Dean at University of Concepcion School of Dentistry. He has been honored for his accomplishments as a dentist, leader and advocate for the underserved. Under his leadership the University of Concepcion has attained the highest accreditation score in the Chile. He has established interprofessional healthcare teams that are deployed to rural and urban underserved areas where students learn how to practice collaboratively. Under his leadership, the University of Concepcion has mastered the use of glass ionomer to reduce the burden of dental disease in children 0-12 and have proven a reduction in DMFT index from 10.8 to 2.0 over 10 years of research.

Lois K. Cohen, PhD serves as a consultant & Paul G. Rogers Ambassador for Global Health Research since her retirement from U.S. government service in 2006. She is a sociologist whose research and health science administration career included service as the Director of Extramural Research, Associate Director for International Health and Director of the WHO Collaborating Center for Dental, Oral & Craniofacial Research and Training, National Institute of Dental & Craniofacial Research, National Institutes of Health. Having authored more than 150 articles in peer-reviewed journals and edited four books on the social sciences and dentistry, she co-directed the WHO International Collaborative Studies of Oral Health Systems. Currently serving on several journal boards, she co-chairs the Friends of the Organization for Safety, Ascepsis and Prevention, and serves on the boards of the Alliance for Oral Health Across Borders, the Edhv. Shills Entrepreneurial Fund, the Global Advisory Council of the Regulatory Affairs Professional Society, the Caplin Family Charities as well as the Journal of the American Dental Association.

Mary Lee Conicella, DMD, FAGD Aetna’s Chief Dental Officer. In this role she is responsible for building Aetna’s position by providing high quality and affordable dental care. Dr. Conicella received her B.S. in Medical Technology from the University of Pittsburgh and her D.M.D. from Temple University School of Dentistry in 1987. She received her Fellowship in the Academy of General Dentistry in 2000. She is a faculty member of the University Of Pittsburgh School of Dental Medicine, where she has taught since 1992. She was instrumental in developing Aetna’s Dental-Medical Integration initiative and has co-authored several abstracts and articles published in collaboration with Columbia University College of Dental Medicine related to research on the impact dental care has on overall health.
Featured Speakers

Melinda Cordero is the Associate Director for Visión y Compromiso. She has dedicated most of her professional career to working with Promotores in several capacities including, designing and directing programs, developing curricula, training, mentoring, evaluating projects and is approaching 24 years of service. She is one of 5 co-founders of Visión y Compromiso and joined the organization in 2004 as the Director of its California Network of Promotoras and Community Health Workers (CHWs). Currently she serves as the Associate Director of the organization and in this capacity oversees their statewide programmatic work and operations including its Network statewide annual conference, annual legislative day in Sacramento, CA and the development of the Promotores Institute.

Jack Dillenberg, DDS, MPH is the inaugural Dean of A.T. Still University’s Arizona School of Dentistry & Oral Health. He received his Master's Degree in Public Health from the Harvard School of Public Health and completed his dental education at New York University, College of Dentistry. Dr. Dillenberg is a Board Member of the American Association of Developmental Medicine and Dentistry, the Association for Prevention Teaching and Research, the Caplin Family Foundation and is the Vice Chair for First Things First Southeast Maricopa Region and Board Chairman for the Center for Oral Health. He is also a member of the American Dental Association, the American Association of Public Health Dentistry, the American Dental Education Association as well as many others. Prior to joining ASU, Dr. Dillenberg was Associate Director for public health programs in the California Department of Health Services and prior to that was an Area Health Officer serving the west area of the Los Angeles County Department of Health Services. Dr. Dillenberg is also President of Dillenberg & Friends, Inc. providing a full scope of health services consulting.

R. Bruce Donoff, DMD, MD serves as Dean at Harvard University School of Dental Medicine. He received his DMD from the Harvard School of Dental Medicine in 1967 and his MD from Harvard Medical School in 1973. Dr. Donoff’s professional career has centered on Harvard’s Faculty of Medicine and the Massachusetts General Hospital’s Department of Oral and Maxillofacial Surgery. He began as an intern in 1967 and has served in the department since that time, becoming chair and chief of service in 1983. In 1991, Dr. Donoff was named Dean of the Harvard School of Dental Medicine, a post that he continues to hold. In addition to these responsibilities, Dr. Donoff has made major contributions in research to the specialty of oral and maxillofacial surgery. He served for 12 years on the board of the Oral and Maxillofacial Surgery Foundation and is currently president of the Friends of the National Institute of Dental and Craniofacial Research. He is editor of the MIGH Manual of Oral and Maxillofacial Surgery and a member of the editorial boards of the Journal of Oral and Maxillofacial Surgery and the Massachusetts Dental Society Journal. Dr. Donoff has received numerous honors during his academic career, and has published more than 90 papers, authored textbooks, and lectures worldwide.

Saskia Estupiñán-Day, DDS, MPH is a public health specialist with worldwide experience in the Americas, Africa, Asia and Europe in the development of regional oral health strategies, implementation of national programs, management of international technical cooperation, and research projects. She has conceived, led, and implemented major innovations in both research and cost-effective preventive programs to improve oral health and access to health services, including salt fluoridation, atraumatic restorative treatment, and use of cost-effective analysis to support oral health policy efforts for national programs. As coordinator of the Regional Oral Health Program at PAHO for the past 22 years, Dr. Estupiñán-Day has led countries in the Americas to achieve remarkable and verifiable outcomes including significant cases reduction, access to health services, and integration of oral health into primary health services. Further, with her leadership she has secured nearly $5 million of extra-budgetary funding from international agencies and foundations and has overseen more than 200 high-level professionals. She has also authored and co-authored over 40 publications, is an Associate Editor of professional journals, and has participated in and led major scientific and technical sessions in most regions of the world. She has completed advanced training in pediatric dentistry and public health from UCLA.
Featured Speakers

John D.B. Featherstone, MSc, PhD is Dean of the School of Dentistry at the University of California, San Francisco (UCSF) and Distinguished Professor of Preventive and Restorative Dental Sciences. He holds a Ph.D. in chemistry from the University of Wellington (New Zealand). His research over the past 40 years has covered several aspects of cariology (study of tooth decay), including fluoride mechanisms of action, caries risk assessment, de- and remineralization of the teeth, enamel chemistry, salivary dysfunction, caries (tooth decay) prevention, and laser effects on dental hard tissues with emphasis on caries prevention and early caries management. He is currently active in implementing caries management by risk assessment in several dental schools across the nation. He has received numerous National and International awards, including the Norton Ross Award for excellence in clinical research from the American Dental Association (2007), and he was recently inducted as a Honorary Fellow of the American College of Dentists and also the Pierre Fouchard Society. He is an honorary lifetime member of the academy of laser dentistry. He has published over 200 papers and book chapters.

Claude Earl Fox, MD, MPH is Professor Emeritus at the Miller School of Medicine at the University of Miami and founding director of the Florida Public Health Institute during which time he served as founding Chair of the Florida Oral Health Coalition. Previously he was Professor at the Johns Hopkins Bloomberg School of Public Health and founding director of the Johns Hopkins Urban Health Institute. He also served in the federal Department of Health and Human Services as Director of the U.S. Public Health Service Regional Office in Philadelphia, Deputy Assistant Secretary of Health in Washington, D.C. and finally as Administrator of the Health Resources and Services Agency where he made oral health a top priority for his agency. From 1986 to 1992, Dr. Fox was State Health Officer for the Alabama Department of Public Health. He is a Fellow in the American College of Preventive Medicine, an Honorary Fellow in the American Academy of Pediatrics and in addition to his medical degree, has a Masters in Public Health from the University of North Carolina.

Steven Friedrichsen, DDS joined WesternU as the Associate Dean of Patient Care and Clinical Curriculum in January of 2010 and was named Dean on July 1, 2011. Dr. Friedrichsen graduated from Seattle University with a Bachelor of Science in Biology, was awarded his Doctor of Dental Surgery from Northwestern University and completed the hospital based General Dentistry Residency program at the University of Chicago. Prior to joining Western University’s College of Dental Medicine, Dr. Friedrichsen was Dean, Creighton University Medical Center School of Dentistry, and Special Assistant to the University President for Healthcare Strategies. He also served for over twenty years as Chairman, Department of Dental Sciences and Director, Idaho Dental Education Program at Idaho State University. Throughout most of his career, Dr. Friedrichsen has been a clinician-educator; owning and managing an active general dentistry practice while maintaining his teaching and administrative responsibilities.

Paul Glassman, DDS, MBA is Professor of Dental Practice and Director of Community Oral Health at the University of the Pacific, Arthur A. Dugoni, School of Dentistry in San Francisco. In addition, he is a former President of the Special Care Dentistry Association, a national organization of oral health and other professionals dedicated to improving oral health for people with special needs and older adults. He is also Director of the Pacific Center for Special Care and Director of the California Statewide Task Force on Oral Health for People with Disabilities and Aging Californians. He has served on many national panels including the Institute of Medicine’s (IOM) Committee on Oral Health Access to Services which produced the IOM report on Improving Access to Oral Health Care for Vulnerable and Underserved Populations and the Board of Directors of the DentaQuest Institute.
Featured Speakers

Michael Helgeson, DDS is Chief Executive Officer of Apple Tree Dental, an innovative nonprofit organization that operates six programs in Minnesota with a staff of over 160. Apple Tree’s clinics and mobile dental offices create year-round dental homes in collaboration with more than 130 Head Start Centers, schools, group homes, and nursing facilities in both urban and rural areas. Apple Tree’s model is called “community collaborative practice” and it has been replicated successfully in North Carolina and Louisiana and has received recognition from the Surgeon General, the American Dental Association, Oral Health America and the Robert Wood Johnson and Kellogg Foundations. Dr. Helgeson’s educational background includes completing B.S. and D.D.S. degrees, followed by a two-year post-graduate program in geriatric dentistry, and a mini-MBA program in nonprofit management. Dr. Helgeson has served as past presidents of both the American Society for Geriatric Dentistry and the Special Care Dentistry Association and serves as a member of the American Dental Association’s National Elder Care Advisory Committee. Dr. Helgeson has lectured widely, including lectures at the American Dental Association, the National Oral Health Conference, the Mayo Clinic, and at dental schools in the United States and Canada.

Ronald Inge, DDS has recently relocated to Southern California where he serves as Chief Dental Officer of Western Dental and BriteBident Dental & Orthodontics. Prior to this appointment, he was the VP of Professional Services and Chief Dental Officer for Delta Dental of Washington. His duties include network development, contracting and provider relations, as well as setting clinical policy. Dr. Inge was also Executive Director of the Institute for Oral Health where he champions efforts to publicize innovative solutions to many of the current challenges to improving oral health. The mission of the Institute for Oral Health is to enhance oral health care by identifying effective and efficient guidelines for treatment, access, and delivery of health care, and to promote best practices by serving as a central resource for shared practical knowledge and collaboration to benefit the dental profession and the public. He received his Doctor of Dental Surgery degree from UCLA and a Bachelor’s in Human Biology from Stanford University.

Dushanka Kleinman, DDS, MSOD is Associate Dean for Research and Professor at the School of Public Health, University of Maryland at College Park. Prior to joining the University of Maryland in 2007, Dr. Kleinman completed 28 years of government service where she served as Deputy Director, National Institute of Dental and Craniofacial Research, NIH and Assistant Surgeon General (Rear Admiral), U.S. Public Health Service (USPHS) Commissioned Corps. In 2006 she completed a 5-year term as the 13th Chief Dental Officer, USPHS. She was the co-editor, and coordinated the federal involvement in the development, of the first-ever Surgeon General’s report on oral health (2000). Dr. Kleinman, a dentist, is a Diplomate of the American Board of Dental Public Health and has served as president of the American Board of Dental Public Health, the American Association of Women Dentists, and the American Association of Public Health Dentistry. Dr. Kleinman has a D.D.S. from the University of Illinois at Chicago College of Dentistry and a hospital rotating internship at the University of Chicago Hospitals and Clinics. She received a M.Sc.D. in dental public health from the Henry M. Goldman School of Dental Medicine at Boston University. She is a member of the Santa Fe Group, is a founding board member of the U.S. National Oral Health Alliance and currently serves on the editorial board member of the Journal of the American Dental Association.

Timothy S. Martinez, DMD currently serves as the Associate Dean for Community Partnerships and Access to Care in the College of Dental Medicine at Western University of Health Sciences in Pomona, CA. A native Angeleno, he graduated from the Harvard School of Dental Medicine in 1986 with a fifth year concentration in Health Care Administration. He has had over 25 years of extensive experience working in community health center settings treating a variety of underserved patient populations. Dr. Martinez first worked with a migrant farm population in Laredo, Texas through the Loan Repayment Program. He then relocated to Boston working in the inner city community clinics as the dental director for three community clinics. Dr. Martinez was instrumental in setting up three dental centers in the rural part of Massachusetts on the Cape and the Islands. Dr. Martinez served as the Medicaid Dental Director for the Commonwealth of Massachusetts changing regulations crucial to increase dental access for vulnerable populations before returning to California.
Featured Speakers

Lynn D. Mouden, DDS, MPH has been the Chief Dental Officer at the Centers for Medicare and Medicaid Services (CMS) since February 2012. Dr. Mouden holds faculty appointments at the University of Missouri-Kansas City School of Dentistry, the University of Tennessee College of Dentistry and three faculty appointments at the University of Arkansas for Medical Sciences. He spent 16 years in private practice dentistry and eight years with the Missouri Department of Health before becoming director of the Office of Oral Health for the Arkansas Department of Health. A past president of the Association of State and Territorial Dental Directors, Dr. Mouden received an ASDDD Outstanding Service Award and recently received the U.S. Public Health Service Chief Dental Officer’s Exemplary Service Award.

Jeffrey Parker, MBA is the CEO of DentaQuest Healthcare Delivery. He also serves as Chairman of Sarrell Dental in Alabama, Community Dental Care in Texas and Community Dental Care of Kentucky. Sarrell Dental is a self-sustaining 501(c)3 that has grown to 14 offices and a mobile dental bus since its inception in 2004. Prior to Sarrell Dental, Mr. Parker rose quickly through the corporate ranks. At age 31, Mr. Parker became a Sara Lee Corporation division President and at age 33, was CEO of two Sara Lee owned companies. From there, he ran turnaround situations for two very large privately held consumer packaged goods companies, before retiring at age 40. After retirement, Mr. Parker returned to his alma mater to teach at their nationally accredited business school. He taught at the undergraduate and MBA level as their Executive in Residence until December, 2013. Through his funding of a perpetual scholarship at his alma mater, he has helped send over 70 students to JSU.

Mike Plunkett, DDS, MPH is Senior Director for Dental Care Delivery at Kaiser Permanente where he provides leadership and strategic direction for all aspects of Dental Operations. He also works closely with system partners to coordinate oral health services across multiple departments within Kaiser Permanente Northwest’s unique integrated structure. Dr. Plunkett holds an appointment as Assistant Professor at Oregon Health and Science University where he directs a course series in Public Health and Health Care Systems. Prior to joining Kaiser Permanente Dr. Plunkett served as Dental Director for CareOregon Inc., where he worked closely with a broad range of healthcare constituents to successfully integrate Dental services into five statewide partner Coordinated Care Organizations. Dr. Plunkett’s executive appointments within the Oregon Health Authority include the Oregon Public Health Advisory Board, Health Evidence and Review Commission, and Medicaid Advisory Committee.

MaryJane Puffer, BSN, MPA is the Executive Director of the Los Angeles Trust for Children’s Health. Her role at The L.A. Trust represents the nexus of all she has been committed to throughout her career as a pediatric nurse, a community health program director and lead developer of health programs. In her role as Executive Director, she helps to facilitate the development of LA Unified School District’s Wellness Networks and is on the cutting edge in developing community prevention framework strategies for health programming in schools. Ms. Puffer is a 35-year veteran in health care and program development. She has successfully developed and managed both international and domestic health programs. Ms. Puffer holds a Bachelor of Science degree in Nursing and a Master’s Degree in Public Administration. She was recognized as the 2014 Healthcare Advocate of the Year by the Los Angeles Business Journal.
Featured Speakers

Robert K. Ross, MD is president and chief executive officer for The California Endowment, a health foundation established in 1996 to address the health needs of Californians. Prior to his appointment in July 2000, Dr. Ross served as director of the Health and Human Services Agency for the County of San Diego from 1993 to 2000, and Commissioner of Public Health for the City of Philadelphia from 1990 to 1993. Dr. Ross has an extensive background in health philanthropy, as a public health executive, and as a clinician. During his tenure at The California Endowment, the foundation has focused on the health needs of underserved Californians by championing the cause of health coverage for all children, reducing childhood obesity, strengthening the capacity of community health centers, improving health services for farm worker and ex-offender populations, and strengthening the pipeline for bringing racial and ethnic diversity to the health professions. In the Los Angeles region, he has provided leadership to support the re-opening of the Martin Luther King Jr. Medical Center and the revitalization of Charles Drew University. In 2010, The California Endowment launched a 10-year statewide commitment investing $1 billion to advance policies and forge partnerships to build healthy communities and a healthy California.

Harold Slavkin, DDS is presently Professor and Dean Emeritus from the University of Southern California (USC). Previously, he served as Dean for the School of Dentistry at USC (2000 thru 2008), Director of the NIDCR at the NIH (1995–2000) where he provided leadership for the first-time ever Surgeon General’s Report “Oral Health in America,” and earlier as the Director for the Center for Craniofacial Molecular Biology (CCMB) at USC (1989–1995). He has written or edited 11 books, authored 430 scientific papers, and produced and wrote the PBS “A Lifetime of Change.” He is a member of the CDA, ADA, LADS and is a member of the IOM and a fellow in the AAAS.

Ariane Terlet, DDS is a 1986 graduate of the University of the Pacific School of Dentistry. She has a private practice in Berkeley, CA and has been the Chief Dental Officer for La Clinica de La Raza a Federally Qualified Health Center located in Oakland, CA. Dr. Terlet oversees 11 clinics in Alameda, Contra Costa and Solano Counties and is responsible for program development and quality assurance. Dr. Terlet served on the California Dental Board. She chaired committees on legislation, continuing education and the ad hoc Committee on Foreign schools. Dr. Terlet has served on the Government Affairs Council for CDA, Work Force Committees, CVP (Committee on Volunteer Placement) and is an ADA and CDA delegate. She is a Trustee for the California Dental Association representing the Berkeley Dental Society. She is also a past President of the Arthur A. Dugoni School of Dentistry Alumni Association. Dr. Terlet is a member for the American College of Dentistry, The Pierre Fauchard Academy and the International College of Dentists. Dr. Terlet is very involved in Access to Care issues at both the State and National levels. She is a member of the Oral Health Access Council (OHAC), the National Network for Oral Health Access (NNOHA) and a board member for the Center for Oral Health.

Emma Turner, PhD is the President of the La Mesa Spring Valley School District, a K-8 school district serving more than 12,500 students in San Diego County. Emma has dedicated her life to serving her country and many children across the nation for more than 4 decades. She is on the leadership team for both the California School Board Association and the National School Board Association. Emma received her Bachelor’s degree from the University of Maryland, a master degree from University of Oklahoma, a master degree from California School of Professional Psychology, a master degree in special education from the University of San Diego and a doctorate of psychology from Alliant International University.

Slides from the presentations will be available on our website in the next few weeks at centerfororalhealth.org.
**Special Thanks**

This year’s Symposium would not have been possible without the support and guidance of our Planning Committee. We give a special thanks to our Planning Committee Chairperson, Harold Slavkin for all his guidance.

**2014 Oral Health Symposium Planning Committee**

**Chairperson:**  
Harold Slavkin, DDS  
USC School of Dentistry

**Members:**

- Conrado Barzaga, MD  
  Center for Oral Health
- Maritza Cabezas, DDS, MPH  
  County of Los Angeles  
  Department of Public Health
- Angela Coron, MPH  
  Kaiser Permanente
- Jared Fine, DDS, MPH  
  County of Alameda  
  Department of Public Health
- Chris Landon, MD  
  American Academy of Pediatrics
- Rebecca Lee, DDS  
  American Academy of Pediatric Dentistry
- Timothy Martinez, DMD  
  Western University of Health Sciences
- Howard Pollick, DDS, MPH  
  University of California, San Francisco
- Jorge Rojas, DDS  
  Colgate
- Santosh Sundaresan, DDS  
  USC School of Dentistry
- Kathleen Titus  
  Henry Schein
- Kimberly Uyeda, MD  
  Los Angeles Unified School District
About Center for Oral Health

Founded in 1985, Center for Oral Health (COH) is a non-profit organization dedicated to promoting public oral health, with a focus on children and vulnerable populations. COH collaborates with national, state, and local partners to develop innovative community-based strategies for improving oral health outcomes.

COH was originally founded under the name Dental Health Foundation (DHF). In 2012, we relocated our headquarters from the Bay Area to Southern California. We are currently located at Western University of Health Science’s campus in Pomona, CA.

COH Board of Directors:

Jack Dillenberg, DDS, MPH  
*Board Chairperson*  
Dean  
Arizona School of Dentistry & Oral Health  
A. T. Still University, Mesa, AZ

Maritza Cabezas, DDS, MPH  
*Board Vice - Chairperson*  
Director, Oral Health  
L.A. County Department of Public Health  
Los Angeles, CA

Michelle Hurlbutt, RDH, MSDH  
*Board Secretary*  
Associate Dean, West Coast University

Randy J. Friedman, MBA  
*Treasurer*  
Sogno Group LLC.  
Alameda, CA

Kevin Ryan, JD, MPA, MA  
Consultant  
Andy Spahn & Associates  
Universal City, CA

Paul Glassman, BA, DDS, MA, MBA  
Director  
University of the Pacific, School of Dentistry  
San Francisco, CA

Gil Ojeda  
CA Program on Access to Care  
University of California Berkeley  
Berkeley, CA

Ariane Terlet, DDS  
Dental Director  
La Clinica de La Raza.  
Oakland, CA

Bernard S. Weintraub, REHS, MPH  
Los Angeles, CA

Kathleen Titus  
Area Director for Community Dental/Public Health  
Henry Schein  
Sacramento, CA

Cathy Mudge  
Executive Director  
California Dental Association Foundation  
Sacramento, CA
Our Projects and Services

Oral Health Access Council (OHAC), California’s statewide oral health coalition. COH and California Primary Care Association (CPCA) convene and manage the coalition today.

School-Based Oral Health Clinics (SBOHC) Programs in Los Angeles County

Healthy Teeth, Healthy Schools Project in LA and El Monte School Districts

First 5 Los Angeles Children’s Dental Disease Project

Needs Assessments for Children and Older Adults

1993-1994 First statewide oral health needs assessment for children in California

2006 California Smile Survey, an effort to update the first needs assessment for California’s children and to provide the baseline data for an ongoing statewide surveillance system

2014-2015 Oral Health Care Assessment for California’s Older Adult Population

Guidebooks, Education Materials, Policy Briefs

WIC: Early Entry into Dental Care Guidebook

Reimbursement for Dental Services in a Community Setting

Guidelines for Providing Dental Services in Skilled Nursing Facility

Integrating Oral Health into School Health Programs and Policies

Preventing the Spread of Tooth Decay in Babies and Young Children Flipchart

Oral Health Issue Briefs published with Western University of Health Sciences

Oral Health Symposia and Primary Care Provider Trainings

School-Based Dental Centers, 2013 Symposium


Older Adults and Oral Health, 2015 Symposium

Fluoride Varnish Retailer

Center for Oral Health is an authorized retailer for Varnish America’s Sodium Fluoride Varnish. You can order from our store at the website below.

To learn more about COH and our work, visit www.centerfororalhealth.
We thank you for attending

**Oral Health 2020:**
*A Vision for Integrated Care*

Stay tuned for our next Symposium in the Fall of 2015!

Stay in touch with us all year long!
www.centerfororalhealth.org

Our mission is to improve oral health, especially of vulnerable populations, through innovation, research, education and advocacy.