

Harvard Dental

bulletin

Fall 2017

Volume 77, Number 2
Harvard School of Dental Medicine



Celebrating the School's
Founding Day

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Cover photo:

To honor its 150th anniversary, the Boston City Council recognized Harvard School of Dental Medicine at Faneuil Hall. Dean Bruce Donoff addressed the council, while Councilors Ayanna Pressley and Josh Zakim looked on. (Photo by: Stephanie Mitchell)

The *Harvard Dental Bulletin* is published twice a year for alumni and friends of Harvard School of Dental Medicine. We look forward to receiving your feedback and news.

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Student Highlight

A.J. Salcines, Yassee Pirooz, Leigh Yarborough, and Jake Taylor, Class of 2018 DMD students, volunteered at the Vermont Special Olympics providing dental screenings to the athletes. They worked alongside other dental students from the northeast and saw more than 200 special needs athletes.

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Photography: Steve Gilbert, Steve Lipofsky, Stephanie Mitchell

Printing: Puritan Press

Dear Alumni and Friends,

We've had much to celebrate during our anniversary year. Festivities over the past several months have brought us together as a community and strengthened our dedication to the principles that have guided us over 150 years.

This summer, I had the opportunity to speak at a Boston City Council meeting in historic Faneuil Hall about the legacy of HSDM and its impact in Boston and beyond. City Councilors Ayanna Pressley and Josh Zakim also spoke, sharing their gratitude for the School's longtime commitment to equality, diversity and inclusion, and access to preventative dental care and treatment.

We were truly honored when the Council passed a resolution in recognition of HSDM's history that will forever commemorate July 17, our Founding Day, as "Harvard School of Dental Medicine Day" in the City of Boston. After the proclamation we held a Founding Day Celebration and Open House, opening our doors to the local community and inviting them to celebrate with us.

One-hundred and fifty years after our founding, we continue to uphold the core values of providing equal access to oral health care, educating future dental leaders, and innovating with new models and methods of patient care. Stories in this issue reflect these ideals. You'll learn about faculty and students who volunteer their time to provide dental care to the incarcerated at Nashua Street Jail. You'll meet future dental leaders in our recent DMD graduates, and our new incoming Class of 2021. And you'll recognize classmates and friends who throughout their careers have promoted the values of and mission of the School through their work in the field of dentistry. Your stories and



accomplishments honor our history and are part of our legacy.

We recently welcomed the Class of 2021 to HSDM. When I greeted the new DMD students at Orientation, I told them that they are entering a place that has an extraordinary record of achievement for our profession, and I encouraged them to explore, search out and question, because the possibilities here are endless. I look forward to following their journey, and seeing how they, too, will make their mark on our history.

A handwritten signature of Bruce Donoff.

Bruce Donoff, DMD67, MD73

Dentistry Behind Bars

HSDM students provide care to the incarcerated



Of the more than two million incarcerated Americans, many suffer from chronic health conditions, disease, and substance-use disorders, however some of their most urgent health concerns can be a throbbing tooth, or aching oral abscess.

Harvard School of Dental Medicine (HSDM) students are learning this firsthand by providing care to patients incarcerated at Suffolk County's Nashua Street Jail. Several HSDM students and faculty operate a weekly clinic at the 640-bed facility in downtown Boston as part of the Crimson Care Collaborative (CCC)—a team of medical, dental, and mental health professionals from Harvard and other institutions.

"The waitlist for dental care is constantly overwhelmed, and many patients must wait in order to receive palliative treatment for highly progressed dental disease that can cause pain, sleep loss, or difficulty eating," Mindy Truong, DMD 2019, director of education for CCC at the jail said.

Jails like Nashua Street traditionally offer limited short-term palliative dental care. The Suffolk County Sheriff's department welcomed the partnership with CCC to provide expanded health care options to inmates, along with the opportunity to train future health care providers in a correctional setting.

Understanding health disparities

"To our knowledge this is the first collaboration of its kind involving student-delivered medical, dental and, mental health care in the correctional setting," Lisa Simon, DMD14, PD15 attending dentist for CCC said. "This benefits patients, who have expanded access to care, dental students, who learn about the unique correctional setting, and medical trainees, who can learn more about oral health." Dr. Simon and colleagues recently wrote about the innovative model in an article for the *American Journal of Public Health*.

The collaboration, spearheaded by Simon, began in October 2015 and has become a popular volunteer opportunity for DMD students. A student leadership

“It is truly gratifying to see that our dental team at the jail values oral health as part of overall health, providing patients with interprofessional care.”

—Zhen Shen, DMD 2019

board and faculty mentors run the clinic. Before entering the correctional setting, all volunteers attend mandatory training sessions, receive an overview of the U.S. justice system, and are screened for security clearance. Students' roles range from conducting patient interviews and providing educational programs, to assisting or performing clinical treatment. To date, more than 15 DMD students have participated in the program, and several alumni plan to work in a correctional setting or with formerly incarcerated people in the future.

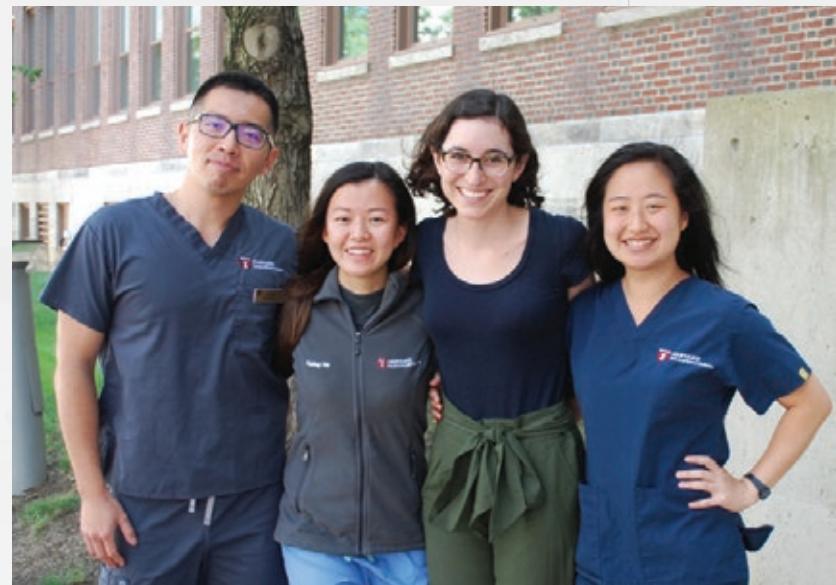
“I honestly wasn’t entirely sure what to expect when I signed up to volunteer at Nashua Street Jail. This is my first experience working with a population in a correctional setting,” Truong said. “I’m constantly reminded of the importance of considering the patient as an individual human being with unique experiences and perspectives, while remembering that we are all linked by a common humanity,” she said.

Working with the incarcerated population, students gain awareness of the complex social determinants of health. They also work closely within interdisciplinary teams to collaborate on patient care and overall health.

“People in jail face various health disparities that predispose them to increased morbidity and mortality. Many of our dental patients have complex medical conditions and/or mental health issues.” Zhen Shen, DMD 2019, dental integrated clinician for CCC said.

“I’ve learned how to better communicate with incarcerated patients and address their special needs in addition to providing dental care. It is truly gratifying to see that our dental team at the jail values oral health as part of overall health, providing patients with interprofessional care,” he added.

The jail setting poses unique challenges as patients may only be present for a short time while awaiting trial or sentencing, making it difficult to settle into a dental home. Dental students and faculty often make appointments or connect patients to community-based programs that will provide a transition to care when inmates are released.



Compassion and care

Many students speak with compassion about incarcerated patients they’ve come to know on a personal basis. Shen recalled a patient in his forties who came in with severe tooth pain and was diagnosed with irreversible pulpitis with an abscess.

“During our visit, he shared with us how saddened he was to miss his daughter’s birthday and hopes he could be in her life soon. His emotions were tangible. Many patients like him, as much as they need their acute problem resolved, are also in a vulnerable position emotionally,” Shen said.

Some student experiences in the clinic have been profound, and even influenced their outlook on their career in dentistry.

“I would advise anyone considering alternative practice settings not to rule out the correctional setting based on any preconceived idea of what the interactions with incarcerated patients may be like. I truly have had only positive experiences,” Lindsay D’Amato, DMD 2018, said. “I have developed a sincere interest in working in this type of setting in the future.”

L to R: Nashua Street Jail student volunteers Zhen Shen, DMD 2019; Hailey He, DMD 2019, with attending dentist Lisa Simon, DMD14, PD15; and Mindy Truong, DMD 2019.

Reducing Radiation

3D photography offers orthodontic diagnosis without x-rays



Common orthodontic problems such as crossbite, overbite, underbite, and crowding of the teeth can have a negative impact on a person's physical appearance, dental function, and overall self esteem. To make a diagnosis and plan treatment, orthodontists currently take multiple x-ray images of the entire skull before, during and after orthodontic treatment. Part of the skull, the cranial base, is used as a stable reference for determin-

ing the position and orientation of the jaws and teeth when planning treatment changes. While the amount of radiation is small, x-rays of the whole skull taken multiple times during treatment can be a concern, especially for pediatric patients who are generally more susceptible to the harmful effects of ionizing radiation than adults.

An April 2017 study published in the *European Journal of Orthodontics*, suggests that another approach using non-radiographic 3D dental photogrammetry could offer accurate dental and facial measurements based on using the eyes and natural head orientation as references rather than the cranial base.



Dr. Mohamed Masoud, DMSc07, assistant professor of Developmental Biology, and program director for the Orthodontics Advanced Graduate Education program, led the study.

Dr. Mohamed Masoud, DMSc07, assistant professor of Developmental Biology, and program director for the Orthodontics Advanced Graduate Education program at HSDM, along with his research team studied 180 females and 200 males between the ages of 18 and 35 using 3D facial and dental imaging to produce an adult sample with near ideal occlusion and a pleasing facial appearance. The goal was to provide reference values that can aid practitioners in determining the relative position and orientation of a patient's dental and facial structures without exposing the cranium to radiation. A follow-up study published in the *American Journal of Orthodontics and Dentofacial Orthopedics* this past June, validated the method on an adult orthodontic population showing that the proposed method led orthodontists to the same treatment plan as radiographic records.

"The method developed uses 3D photographic images to capture the face and teeth and use the eyes as a reference instead of the cranium. This allows the orthodontist to limit the x-ray exposure to the area of interest which is just the teeth and surrounding bone allowing sensitive parts of the body like the brain and eyes to be avoided and shielded during the radiographic exposure," Masoud said.

Masoud and his research team are currently working with local Boston schools to develop age and race specific 3D photographic standards to diagnose and plan pediatric orthodontic patients.

"These standards are still being developed and tested," Masoud added. "Our hope is that these new 3D facial and dental imaging methods will eventually become the standard of care for orthodontic diagnosis which will reduce the radiographic burden of the specialty."

Ensuring Equitable Care for Elders

HRSA funded training center will address disparities



Dr. Christine Riedy Murphy, chair and associate professor of Oral Health Policy and Epidemiology and Delta Dental of Massachusetts Professor in Oral Public Health and Epidemiology, will serve as principal investigator for the project.

According to *The State of Aging and Health in America 2013*, chronic disease affects two out of every three older Americans, and treatment for this population accounts for 66 percent of the country's health care budget. Unfortunately, older adults often have difficulty accessing the health care services they need with only 21.4 percent of health centers offering dental services; only 6 percent offering mental health services; and only 10 percent offering enabling services (*Source: HRSA 2015 Health Center Program Grantee Data*).

HSDM was recently awarded a \$1.3 million Health Resources and Services Administration (HRSA) Cooperative Agreement to address this disparity by offering training and assistance to health care providers working with this vulnerable population. Dr. Christine Riedy Murphy, chair and associate professor of Oral Health Policy and Epidemiology and Delta Dental of Massachusetts Professor in Oral Public Health and Epidemiology, will serve as principal investigator for the

project "Equitable Care for Elders National Training and Technical Assistance Center."

The project's objective is to provide training and technical assistance activities that will build on the expertise of HSDM, Harvard Medical School, Harvard T. H. Chan School of Public Health, Stony Brook University School of Nursing, Beth Israel Deaconess Medical Center, and the Simmons School of Social Work, to provide innovative and culturally competent models of care, inter-professional training and educational resources, and technical assistance to health care professionals who provide care to this increasingly vulnerable population.

The three main goals are to (1) to increase the number of patients from special and vulnerable populations effectively served by health centers, (2) to decrease the percentage of patients with type II diabetes with A1c greater than 9 percent, and (3) to increase the number of health centers providing services or engaged in partnerships that address social determinants of health.

Celebrating the School's Founding Day



HSDM students, faculty and staff gathered for a group photo on Founding Day.

On Monday, July 17 the Harvard School of Dental Medicine (HSDM) community, City of Boston officials, Harvard representatives, and Longwood neighbors gathered to celebrate the School's founding 150 years ago on July 17, 1867.

Under sunny blue skies, nearly 300 guests assembled outside the School's Research and Education building to enjoy lunch, ice cream, music and birthday cake.

Dean Bruce Donoff kicked off the festivities welcoming guests to the celebration.

"This is a momentous day in the School's history," Donoff said. "On this date Harvard University established the first dental school in the United States to be affiliated with a university and its medical school. It also became the first dental school to confer the Doctor of Dental Medicine (DMD) degree—a title

that emphasized student's medical training. This was a seminal step in creating the academic environment and prestige for dentistry to be a learned profession," he said.

Donoff introduced Boston City Councilor Ayanna Pressley who days earlier had presented a resolution in honor of HSDM's 150th anniversary with her colleague Councilor Josh Zakim at a City Council meeting.

"The health of the individual, of the community, and of our city are inextricably linked," Pressley said. "I know the importance of health in everything we do, and this is certainly no exception when it comes to oral health."

Pressley highlighted the School's contributions to the community, its commitment to care, and its early advocacy for diversity in dentistry.

"As you celebrate 150 years of your founding, I thank you for being a leader in dental medicine,



Left: Ian Grayson, MMSc16; Anitha Abdul Rahman, DMD15, MPH16; Robert White; and Mahua Bose Pillai, celebrated in style.

Right: Prosthodontics residents Jie Sun, DMD17 and Laura Rushford, DMD17 wore their HSDM 150th hats.

for being a leader in dental education, and also a leader in providing access to care to the adjacent community through the Harvard Dental Center,” Pressley said.

Boston Chief of Health and Human Services Felix Arroyo spoke on behalf of Mayor Martin Walsh.

Remarks culminated in a presentation of the Boston City Council resolution declaring “Harvard School of Dental Medicine Day” in Boston. Dean Donoff also read a citation from the Commonwealth of Massachusetts signed by Governor Charles Baker and Lieutenant Governor Karyn Polito congratulating the School.

The celebration continued into the afternoon with a community open house. More than 200 attendees took student-led tours of the School and Dental Center, enjoyed refreshments and music, and learned about HSDM’s history through an exhibit and display of archival objects from Countway Library of Medicine.



Ty Adeseye, DMD 2019, gave HMS Dean George Daley, MD91, and Nancy Tarbell, HMS Dean for Academic and Clinical Affairs, a tour of the Preclinical Lab during the Community Open House.



DMD Class of 2019 students had fun with the photo booth props.



Dean Bruce Donoff, DMD67, MD73 addressed the Boston City Council, as Councilors Ayanna Pressley and Josh Zakim look on. Pressley also spoke at Founding Day.

150 Days of Giving Goal Reached!

HSDM’s *150 Days of Giving* campaign, which began on February 17 culminated on July 17, 2017 with great success. Participation by HSDM alumni, friends, faculty and staff, helped exceed a goal of reaching 150 gifts over 150 days and securing a \$20,000 match gift from the Sesquicentennial Committee. More than \$250,000 in total was raised for the endowed scholarship fund, opening a new source of financial assistance for our best and brightest students in need.

Graduates Focus on Learning, Leadership and Service

A jubilant Class of 2017 threw their hats in the air to celebrate their accomplishment.



The Harvard School of Dental Medicine (HSDM) Class of 2017 received their degrees on Thursday, May 25, 2017 during Commencement and Class Day. Under overcast skies and drizzle, the graduating students marched with umbrellas and toothbrushes in hand, into Harvard's Tercentenary Theatre for Morning Exercises. Their spirits were not dampened by the weather, as they celebrated alongside graduates from all the schools of Harvard at the University's 366th Commencement.

Degree candidates from 13 schools and Harvard College were recognized by school and cheered by the crowd. Harvard School of Dental Medicine (HSDM) awarded 61 degrees—17 Master of Medical Sciences, 9 Doctor of Medical Sciences, 35 Doctor of Dental Medicine degrees.

In the afternoon, HSDM students joined their Harvard Medical School classmates for Class Day on the Quad.



James Baker, DMD17 and Grace Beck, DMD17 with their new diplomas.

Family and friends gathered to hear speeches by student speakers and the deans of both schools. Patrick Vaughn, DMD17 was HSDM student co-moderator along with his HMS classmates Aaron Cohen, and Grace Chao.



Class of 2017 DMD graduates (top) and AGE graduates (below) gathered to march into Harvard's Tercentenary Theatre.

HSDM student speaker, Sara Tejani, DMD17, spoke on behalf of the DMD graduates.

"Thank you all so much for supporting us on this special day in our lives: the day that we officially become doctors," Tejani said. "In our cohort of 35 students, we have a Fulbright scholar, a runner up for Miss America, military members, first generation Americans, first generation doctors, entrepreneurs, artists, athletes... during our time in dental school, we have had much to celebrate."

Tejani noted that she learned about the power of collaboration, perseverance, solidarity, empathy, happiness, trust, and love from her fellow classmates.

HMS Dean George Daley, MD91 gave his first Class Day remarks and offered guidance to the graduates on learning, leadership and service.



"I hope that we stay motivated and energized to effect the change required in our profession — whether that be through research, academia, policy, innovation, whatever our calling may be. For me, personally, I hope that these efforts include diversifying our field."

—Sara Tejani, DMD17

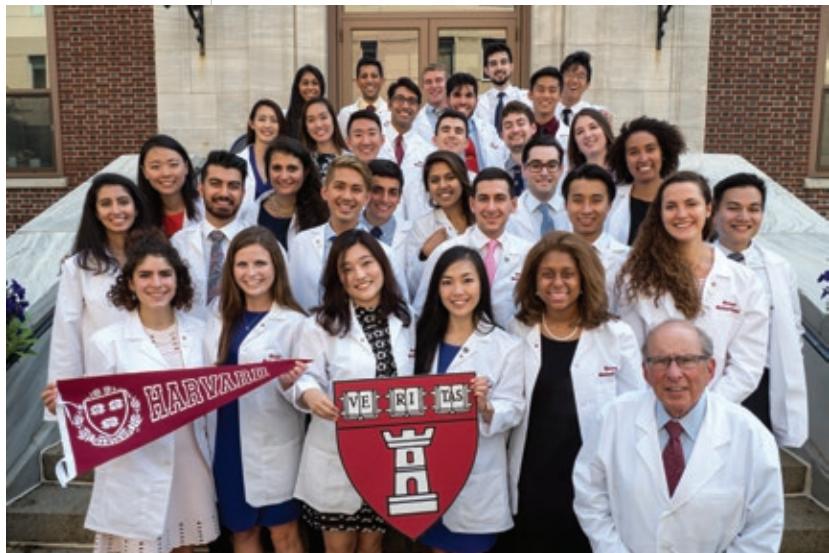
"As you, the Class of 2017, reflect on all that you've accomplished in graduating today, my call to each of you is to always preserve the ideals that first drew you to medicine and to a life of service. The purpose of your medical education is to enable you to serve," Daley said.

HSDM Dean Bruce Donoff, DMD67, MD73 echoed these sentiments in his remarks, "Remember, we are privileged to take care of people. Treat them well, treat them kindly and treat them with respect. Above all, treat them all equally, with one high standard of care," he said.

"I hope your memories of HSDM and HMS will always remain a treasured part of who you are and who you become. Be the leaders you are in transforming our health care world, through science, policy and compassionate care," Donoff said.

The HSDM graduates had front row seats at Class Day on the Quad.

The Class of 2021 Begins Their Journey



The DMD Class of 2021 posed for a photo on the steps of HSDM after the White Coat Ceremony.

New DMD student Young Kim, DMD 2021 received his white coat from Canon Society Senior Tutor, Samuel Coffin, PD80.



OrIENTATION began the first week of August, as Harvard School of Dental Medicine (HSDM) welcomed a new class of Doctor of Dental Medicine (DMD) students. The talented group of 35 were chosen from more than 1,000 applicants—representing under 5% of the applicant pool. The incoming class includes 17 women and 18 men hailing from 18 different states and representing 29 different undergraduate institutions.

On the morning of Monday, July 31, Associate Dean for Dental Education, Sang Park, MMSc01, and Dean Bruce Donoff DMD67, MD73 greeted the students.

"I am pleased to welcome you, the Class of 2021. You represent the very best applicants to dental schools...selected for values and hopes that set you apart, along with your abilities and potential," Donoff said.

Donoff noted the significance of School's 150th anniversary and the legacy the students will soon join.

"You enter a place that has an extraordinary record of achieve-

ment for our profession. The possibilities during your four years here are endless. We are here to provide you with a rich learning environment so take advantage of it. Explore, search out, and question," he said.

The new dental students joined their Harvard Medical School (HMS) classmates to participate in joint orientation activities. HMS Dean George Daley addressed the combined class of HMS and HSDM students, in his first orientation as dean.

"We are starting this journey together," Daley said as he welcomed the 200 new MD and DMD students. "You are a remarkably gifted set of individuals drawn to this great community. We're all here because we have a genuine interest in helping others."

Helping others was a theme throughout orientation. Students toured community health centers in Boston's underserved communities, from Chelsea to Roxbury. They met with local community leaders and learned first-hand about the health care challenges residents face. They also attended their first patient clinic at Brigham and Women's Hospital, where they heard directly from patients about their personal stories and struggles with illness.

The week concluded with the White Coat Ceremony on Friday, August 4, held on the Quad. Students joined family and friends to celebrate receiving their white coats.

"This White Coat Ceremony represents three things: ritual, professionalism, and most importantly trust. This white coat means trust between you and another human being, so that you can help them and they can tell you things they might not tell anyone else," Dean Donoff said.

The Class of 2021 took the stage one at a time to introduce themselves and thank their families. Together, they recited an oath the class composed in which they pledged empathy, compassion, inclusivity, creativity and collaboration in advancing patient care and alleviating human suffering.

Assessing Oral Health Needs in Rwanda

Donna Hackley, PD95, HSDM instructor in Oral Health Policy and Epidemiology, has worked closely with colleagues in Rwanda on the country's first ever National Oral Health Survey. The survey was conducted to establish baseline national oral health status, inform oral health strategic planning, and build oral health research capacity.

Development and implementation of oral health promotion, prevention, disease management and infrastructure relies on availability of baseline national oral health information that until now, was not available for the tiny East African country of Rwanda.

The Cummings Foundation sponsored three years of preparations culminating with data collection that occurred in late 2016. The preliminary draft report was presented to the Honorable Minister of Health Dr. Diane Gashumba, the State Minister of Public and Primary Healthcare Dr. Patrick Ndimubanzi, University of Rwanda Vice Chancellor Professor Philip Cotton, and the Acting Director of Injuries and Disabilities Unit at Rwanda Biomedical Center Mrs. Irene Bagahirwa on August 10, 2017.

The report summarized the background, methodology, results and recommendations of the survey, which was a comprehensive systematic cross-sectional study across five age groups of more than 2,000 people living in 15 randomly selected urban and rural sites throughout Rwanda. Data was collected using modified questions and indicators from the World Health Organization, National Institutes of Health, Centers for Disease Control and Prevention, and Association of State and Territorial Dental Directors. Questions focused on socio-demographic characteristics, oral health indicators, practices and quality of life and also included an oral screening. The report was presented by the principal and co-principal investigators including Dr. Donna Hackley of HSDM, Dr. John Morgan of Tufts University School of Dental Medicine (TUSDM), Deputy Dean Agnes Gatarayiha and Dr. Moses Isyagi,



both of the University of Rwanda School of Dentistry.

The study concluded that the burden of oral diseases and conditions was substantial. Children and adult populations had unmet dental caries and periodontal related treatment needs. The availability of oral health services was found to be challenging and the quality of life was adversely affected by current oral diseases/conditions.

The Honorable Minister of Health will consider the findings and begin discussions on national strategies for oral health promotion, education, prevention and management of oral diseases in order to meet the oral health needs of all Rwandans.



Donna Hackley, PD95 from HSDM with John Morgan from TUSDM and the Rwandan Data Collection Team.

Donna Hackley (on right) with the Ministers of Health, Vice-Chancellor of University of Rwanda, and Oral Health Survey Principal Investigators.

Reconnecting at Reunion and Alumni Day

L to R: Christopher Fox, DMD87, SM87, DMSc91, PD91; Jane Puskas, DMD87, MPH87; Christine Hamilton-Hall, DMD88; and John Da Silva, DMD87, MPH87, SM92, PD89, PD91.



More than 100 alumni and friends came back to Harvard School of Dental Medicine on Alumni Day, Friday, June 2, to reconnect with their classmates, faculty and mentors. Attendees included graduates of the reunion classes of 1957, 1967, 1972, 1977, 1982, 1992, 1997, 2002, and 2007, along with other alumni, friends and family.

The program featured a presentation of the Distinguished Alumni Awards; a historical overview of items from HSDM's 150-year history; a panel representing five decades of HSDM dental education; and the Dean's State of the School address. A special luncheon was held following the program to recognize Dean Bruce Donoff's 50th reunion and 25th year as dean.

The Distinguished Alumni Awards are presented each year to individuals who have made significant contributions during their careers that honor the mission of the School. The Distinguished DMD Alumni award for the 50th reunion class was presented to

Edward M. Mopsik, DMD67, for his work as a respected clinician, educator and mentor who has given back to the profession and community through patient care, teaching, and volunteer service.

The Distinguished DMD Alumni award for the 25th reunion class was awarded to Carlos Garcia-Velez, DMD92, MPH92, PD94, for his work as an accomplished periodontist and a leader in providing care to the underserved, protecting the rights of animals, advancing the arts, and preserving history.

The Distinguished Advance Graduate Education Alumni award was presented to Peter Polverini, DMSc77, PD77, for his work as a scientist, educator and scholar who has advanced research, scientific rigor, and innovation in dental education.

A lively panel moderated by Vice Dean John DaSilva, DMD87, MPH87, SM92, PD89, PD91 featured five decades of HSDM classes. The panelists reflected on their experience as students, and the impact of their HSDM education on their careers. Panelists included:

Dean Bruce Donoff, DMD67, MD73; Linda Niessen, DMD77, MPH77, PD82, MPP82; Christopher Fox, DMD87, SM87, DMSc91, PD91; Ladan Basiripour, DMD93; and current student Samuel Lee, DMD 2018.

The afternoon luncheon celebrated Dean Donoff's many years with HSDM—from his days as a student, to his career as an oral surgeon, and his longtime leadership as dean. Speakers included Walter Guralnick, DMD41, Leonard Kaban, DMD69, MD73, and the Dean's wife Mady Donoff. All spoke fondly, and poignantly about the Dean and his career, his accomplishments, and his steadfast commitment to the School over the past fifty years.



Edward M. Mopsik, DMD67, received the Distinguished DMD Alumni Award from Dean Bruce Donoff, DMD67, MD73.

A luncheon on Alumni Day honored Dean Donoff's 50th reunion and over 25 years as HSDM's dean.



Dean Bruce Donoff, DMD67, MD73 and wife Mady Donoff, toasted his 50th reunion and 25 years as dean.



Distinguished Advanced Graduate Education Alumni Award winner Peter Polverini, DMSc77, PD77.

The alumni panel featured five decades of HSDM classes. L to R: Vice Dean John Da Silva, DMD87, MPH87, SM92, PD89, PD9; Dean Bruce Donoff, DMD67, MD73; Linda Niessen, DMD77, MPH77, PD82, MPP82; Christopher Fox, DMD87, SM87, DMSc91, PD91; Ladan Basiri, DMD93; and Sam Lee DMD 2018.

Your Stories, Our Shared History

Harvard School of Dental Medicine's 150-year story is best told through the words of its own amazing community—the alumni, faculty, students, staff, and friends around the world who are proud to call HSDM their school. Below are quotes from your inspiring stories. Read the full stories and personal reflections at: 150.hsdm.harvard.edu/hsdm150-stories, and add your own HSDM story to the collection.



MYRON ALLUKIAN JR., MPH67, PD69

"My HSDM experience changed my life."



SHAHID R. AZIZ, DMD96

"HSDM really is a place like none other—its intimate class size, its history, and its training are what drew me to apply and attend."



HEND ALQADERI, DMSc16

"I have been taught by many great people in my professional journey at HSDM, but rarely have I been influenced and inspired by someone so exceptional as my mentor and my role model, Dr. Mary Tavares."



ASHLEY AMINI-SAMI, MMSc17

"My time at HSDM has been amazing starting from day one..."



LADAN BASIRI, DMD93

"HSDM has been a life-altering experience for me."



FRANK CATALANOTTO, PD71

"Harvard changed my life! I met my wife Jane, now married 48 years."



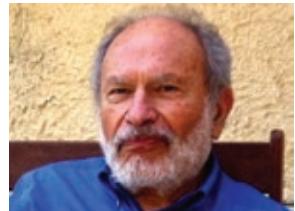
HELEN CHIAO, DMD06, MMSc09

"I would not be where I am today without the great education I received at HSDM."



MICHELLE COPELAND, DMD77, MD77

"1973 was an important year for Harvard School of Dental Medicine because of the admission of the largest number of women in its history.... I am proud to have been among them."



STUART L. FISCHMAN, DMD60

"Our HSDM educational experience was exceptional."



CHRISTOPHER FOX, DMD87, SM87, DMSc91, PD91

"Harvard opens doors. I chose to attend Harvard School of Dental Medicine because I didn't know what doors I wanted to open, let alone walk through."



DONALD GIDDON, DMD59, PD62

"I truly recognize how much Harvard has meant, professionally and personally, giving me the opportunity to mentor students, research, and teach, both at HSDM and at the Faculty of Arts and Sciences."



LEON DOGON, DMD63

"I came to HSDM for a one year stint ... and stayed for 58 years!"

**RICHARD GROSSMAN, DMD57**

"My professional accomplishment would not have been possible without HSDM."

**CHRISTINE L. HAMILTON-HALL, DMD88**

"HSDM exposed us to the finest minds in the world, our professors."

**MORTIMER LORBER, DMD50, MD52**

"My initial exposure to research was at HSDM."

**CHRISTOPHER LUGO, DMD01**

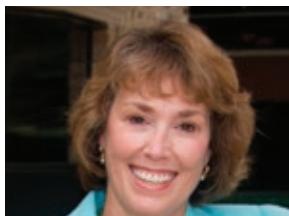
"HSDM gave me the tools for success in my practice and in my community."

**ANZIR MOOPEN, DMD03**

"My HSDM circle of friends are like brothers to me."

**EDWARD MOPSIK, DMD67**

"From a humble background as a son of an immigrant, the acceptance to the School of Dental Medicine opened the greatest door in my life."

**LINDA NIESSEN, DMD77, MPH77, MPP82, PD82**

"HSDM alumni serve as leaders in the profession of dentistry."

**RONNIE NORRIS, DMD76, MPH77**

"Faculty and alumni of HSDM were inspirational mentors and role models."

**SHEILA RIGGS, SM87, DMSc91, PD91**

"HSDM set me up for a very impactful professional career."

**FAHEEM RASOOL, DMD91, MMSc93 & NEDA SHAHHOSSEINI, DMD96, PD96**

"Our HSDM experience is truly a gift that keeps on giving."

**KIMBERLY E. RITRIEVI**

"I have enjoyed the opportunity to serve on the HSDM board."

**KENNETH WRIGHT, DMD78, MPH79**

"HSDM gave me the courage and discipline to be a leader."

Add your story to the 150th website. Go to:
150.hsdm.harvard.edu/hsdm150-stories

Losing a Legend

HSDM mourns the loss of Walter C. Guralnick



Dr. Guralnick at his 75th reunion in 2016 with his daughter Susan, and Dr. Ed Seldin, DMD68, MD74.

Walter C. Guralnick, DMD41, a pioneer in the field of oral and maxillofacial surgery education who served Harvard for more than seven decades, died Wednesday, September 6 at the age of 100. Dr.

Guralnick was a mentor and friend to many at Harvard School of Dental Medicine (HSDM) and had a lasting impact in the lives and careers of the School's students and faculty.

Guralnick, Harvard professor of oral and maxillofacial surgery, emeritus, graduated from the Harvard School of Dental Medicine in 1941. After completing an oral surgery residency at Boston City Hospital, he spent four years in the military, serving in the 7th General Hospital in England during World War II. He returned to Boston in 1946 and started his own oral and maxillofacial surgery practice, later joining the dental school faculty in 1954.

In 1966, Guralnick became professor and chairman of the Department of Oral and Maxillofacial Surgery at the dental school, a position he held until 1982, developing its reputation for clinical excellence and breakthrough research and training.

Under Guralnick's leadership, the Faculty of Medicine approved the Harvard two-degree Oral and Maxillofacial Surgery residency program, which has

been a model for oral and maxillofacial surgery training in the U.S. since its inception.

The program, approved by the Harvard Faculty of Medicine in 1972, allows HSDM graduates to return to HMS to earn an MD degree with a residency in oral and maxillofacial surgery and general surgery, in addition to a DMD.

Guralnick believed that oral and maxillofacial surgeons should have the same training as other surgical subspecialties, all of which require a core of general surgical residency. He considered creation of the program his greatest accomplishment.

"Walter Guralnick was a visionary leader in the field of OMFS, and a mentor to me and to so many," said HSDM Dean Bruce Donoff, DMD67, MD73. "He led his life with integrity and authenticity. He cared deeply about advancing the profession and making a difference in the lives of others. In my own life, he helped guide me as student and a surgeon. When the opportunity to become dean of HSDM arose, it was his advice and council that was instrumental in my decision to take the position. I will miss his friendship, his integrity, and his guidance dearly."



"Walter Guralnick has been a leading surgeon, teacher, mentor, colleague and friend to countless numbers across our community for many, many decades. His career has been inspirational and his legacy of service is truly extraordinary. We are saddened by his

loss and genuinely grateful for all he has achieved," said HMS Dean George Q. Daley, MD91.

Also, in 1966, Guralnick was appointed chief of the oral and maxillofacial surgery service at Massachusetts General Hospital, and became a founding member of what is now known as Delta Dental of Massachusetts, one of the first dental insurance plans in the nation. He served as its president for 10 years while also



contributing as a member of the board of Blue Cross Massachusetts.

"He was a dear close friend whose guidance I will always cherish. He was always au courant, referred to the past when it was relevant, and always was an inspiration for the future," said Maria Troulis, the Walter C. Guralnick Professor of Oral and Maxillofacial Surgery and head of the Department of Oral and Maxillofacial Surgery.

Guralnick's work was recognized with election to both the Institute of Medicine of the National Academy of Sciences as well as to the Royal College of Surgeons in 1996. He was also awarded honorary professorships at medical schools in Shanghai, Chengdu and Xian, China.

In 1980, he led the first delegation of American dentists and oral surgeons on a teaching tour of China under a new exchange program. After witnessing rural areas of China lacking preventative care, in 1985, Guralnick and a group of other dentists established the nonprofit international healthcare group Project Hope to create a program in dental surgery education, and later a program in preventive dentistry.

In 1993, an endowed chair, the Walter Guralnick Professorship in Oral and Maxillofacial Surgery, was established in his honor at the dental school, and in 2005, at the age of 89, he was honored with the Harvard Medal for distinguished service, only the second dentist to ever have received the prestigious award given by the Harvard Alumni Association.

"Walter Guralnick was a legend at HSDM, HMS

"He led his life with integrity and authenticity. He cared deeply about advancing the profession and making a difference in the lives of others."

-Dean Bruce Donoff, DMD67, MD73



Betty and Walter Guralnick, 1943.

Dr. Guralnick with Dean Bruce Donoff, DMD67, MD73.

and MGH not only for his clinical contributions and leadership positions but also for his extraordinary personal characteristics. He was warm, friendly, generous with his time, and a friend for life with former students and colleagues. I remember him from my days at as a medical student at HMS and since then as one who had style, compassion, and brilliance that were enviable," said Barbara McNeil, MD66, PHD72, AMP86, the Ridley Watts Professor of Health Care Policy and head of the Department of Health Care Policy.

In 2009 Guralnick received the Arnold K. Maislen Award at New York University and was given the Gavel Medal from the Forsyth Institute. One year later he presented a lecture on the history of oral and maxillofacial surgery at Mass General to a standing-room-only crowd in the Ether Dome. Among those in the audience were some of Guralnick's former students, including the current dean of the Harvard School of Dental Medicine, Bruce Donoff.

In 2016, at his 75th reunion, Harvard School of Dental Medicine established the Walter and Betty Guralnick Scholarship to benefit predoctoral students.

Dr. Guralnick was predeceased by his wife, Betty Marson Guralnick, who passed away in 2010 at the age of 89 after 68 years of marriage. He is survived by his three children, Peter, Susan and Tom; five grandchildren and numerous great-grandchildren.

Alumni News

Owen Ross Beirne, DMD72, professor of oral and maxillofacial surgery at the University of Washington (UW) received the Washington State Dental Association's 2017 Faculty Award. The award is given in recognition for outstanding contributions to both the UW School of Dentistry and the dental profession.

Thomas Dodson, DMD84, MPH84, was selected as the 31st recipient of the American Association of Oral and Maxillofacial Surgeons (AAOMS) Robert V. Walker Distinguished Service Award, the highest recognition that the Association can bestow upon an individual or a group.

Lorne M. Golub, PD68 (Periodontology) has been invited by the University of Connecticut (UConn) Board of Trustees to be the commencement speaker at the UConn Health commencement ceremony and to accept the degree of Doctor of Science, honoris causa, at the ceremony in May, 2018. Dr. Golub was selected for his substantial contributions to the field of dental medicine as well as to immunology, pharmacology and other medical disciplines.

Jim Hartsfield, MMSc87, PD87 (Orthodontics) has been appointed Associate Editor at the *Journal of the World Federation of Orthodontists*. The Journal is dedicated to presenting the results of scientific research from orthodontics and related fields.

David Keith, DMD83 was named as a 2017 William McKenna Volunteer Hero by the Massachusetts Dental Society for his dedication to organized dentistry.

Edward R. Scott, DMD79 received the Elder Watson Diggs Award of the Kappa Alpha Psi Fraternity. The award is bestowed upon alumni members who demonstrate meritorious achievements in their local community or region.

Rabie Shanti, DMD08, (pictured second from left) assistant professor of Oral and Maxillofacial Surgery and Pharmacology at the University of Pennsylvania

School of Dental Medicine was co-recipient of the John W. Mooney, DDS Teaching Award in Oral and Maxillofacial Surgery in recognition of "excellence in resident teaching in the Department of Oral and Maxillofacial Surgery at the University of Pennsylvania."



Sixty-seven HSDM alumni were named to *Boston Magazine*'s first annual list of top dentists—from generalists to pediatric specialists. See the full list on *Boston Magazine*'s [website](#).

HSDM News



HSDM's Department of Restorative Dentistry and Biomaterials Sciences (RDBS) held the first annual RDBS Tennis Open on Saturday, August 19.



HSDM students, staff and faculty gathered to view the solar eclipse on Monday, August 21. Pinhole viewers, eclipse glasses, even dental x-ray film was used (in the name of science of course) for viewing the celestial event.

The Office of Diversity and Inclusion celebrated the opening ceremony of the Diversity and Inclusion Fellowship on Friday, August 25 and recognized thirteen fellows from the Class of 2018, 2019, and 2020 for their outstanding leadership. The fellows are: **Ty Adeseye, 2019, Fiorella Candamo, 2019, Christina Cho, 2019, Jenay Davis, 2018, Vicky Herrera, 2019, Justin Montenegro, 2019, Edirin Sido, 2019, Jeffrey Taylor, 2020, Mindy Truong, 2019, Leonie Waldon, 2018, Chloe Wong, 2018, Leigh Yarborough, 2018, and Nancy Zhu, 2020.**





Martha Vedrine, staff assistant in HSDM's Office of Dental Education, sang the National Anthem at the Red Sox game on Labor Day as part of the Harvard Union of Clerical and Technical Workers (HUCTW) Night at Fenway Park. Vedrine holds a degree in Music Education from Gordon College and has been singing and working with choirs since she was a child growing up in the music ministry of the Boston Missionary Baptist Church. In recent years, Martha has served as music assistant for the Boston Community Choir and Boston Pops Gospel Choir, and assistant music director and Soloist for Sharing A New Song Chorus, with whom she has toured Russia, Brazil, Cuba, Nicaragua, and South Africa. She is currently member of the Boston Symphony Orchestra's and Boston Pop's Grammy award-winning Tanglewood Festival Chorus with whom she has toured Europe, sung at Carnegie Hall, and participated in four recordings.

Faculty News

Jane Barrow was promoted to associate dean for Global and Community Health in July 2017. She leads HSDM's Office of Global and Community Health and is responsible for developing, promoting, and sustaining initiatives in oral public health domestically and around the globe. In this role, she has successfully overseen and managed the Human Resources for Health (HRH) project in Rwanda for almost six years. Barrow has also collaborated on numerous grant submissions to the National Institutes of Health (NIH) and Health Resources and Services Administration (HRSA). From those submissions, HSDM is now part of the HRSA Northeastern Nurse Practitioner grant, the HRSA CIPCOH grant, and the NIH Rwanda Ethics grant. In addition to those projects, she also serves as the Executive Director for our Initiative to Integrate Oral Health and Medicine and is a lecturer in the department of Oral Health Policy and Epidemiology.

Herbert S. Birnbaum, instructor in Restorative Dentistry and Biomaterials Sciences, received the 2017 HMS/HSDM Dean's Community Service Award. The award recognizes individuals whose dedication and commitment to community service have made a positive impact on the local, national, or international community. Dr. Birnbaum was recognized for his work with The Union of Minority Neighborhoods.



HMS/HSDM Dean's Community Service Award recipients. Dr. Herbert S. Birnbaum (center).



Drs. Chia-Cheng Li, DMSc14, instructor in Oral Medicine, Infection, and Immunity; and Brittany Seymour, MPH11, assistant professor of Oral Health Policy and Epidemiology.

Tien Ha-Ngoc, DMD14, joined the Department of Oral Health Policy and Epidemiology as instructor in Oral Health Policy and Epidemiology. Dr. Ha-Ngoc will contribute to teaching and scholarly activities with the Offices of Dental Education and Global and Community Health. She will also be working with Dr. Riedy Murphy on the HRSA funded grant —Center for Evaluation Integration of Oral Health into Primary Care Training (CIPCOH). In addition, Dr. Ha-Ngoc will practice as a prosthodontist at the Harvard Dental Center's Faculty Group Practice.

Chia-Cheng Li, DMSc14, instructor in Oral Medicine, Infection, and Immunity; and **Brittany Seymour, MPH11**, assistant professor of Oral Health Policy and Epidemiology, completed HMS Academy Fellowships in Medical Education. The program develops and enhances fellows' analytical and teaching skills as medical researchers and educators.

Siddardha Chandrupatla, DMSc14 has joined the Department of Oral Health Policy and Epidemiology as a part-time lecturer. Dr. Chandrupatla will be working with Dr. Mary Tavares to mentor DPH residents, co-direct the summer seminar series and oversee the field project with The Duffy Health Center in Hyannis, MA.

Yanmei Huang, joined HSDM as a lecturer on Oral Medicine, Infection, and Immunity. Huang is interested in the microbiome and its relation to human health and physiology. She is closely involved in several microbiome projects at Forsyth where she also serves as assistant research investigator.

Robert Lewando, PD83 (Periodontology) will serve as part-time lecturer in the Department of Oral Health Policy and Epidemiology. Dr. Lewando provides clinical oversight to HSDM pre-doctoral externship site students one and a half days per week at the Jamaica Plain VA Medical Center. He also teaches dental practice management and dental insurance in the course Practice of Dentistry I, II for third and fourth year students. In addition, Dr. Lewando serves on the board of the HSDM Initiative to Integrate Oral Health and Primary Care.

Luis Lopez, has joined the Department of Oral Health Policy and Epidemiology as a part-time lecturer. Dr. Lopez teaches forensic dentistry in the DMD 2nd year course, Principles of Oral Health. Additionally, he provides clinical supervision to HSDM pre-doctoral externship students at the Charles River Community Health Center.

Mohamed I. Masoud, DMSc07 was promoted to Assistant Professor of Developmental Biology. Dr. Masoud has served as Program Director of the Advanced Graduate Education Program in Orthodontics at HSDM since 2013. His current research focuses on using new imaging technology, including 3D photogrammetry in orthodontic diagnosis and treatment planning. His work has been published and presented at national and international meetings.

Christine A. Riedy Murphy was named Chair of the Oral Health Policy and Epidemiology Department in June after serving as interim chair since April, 2016. She is also Delta Dental of Massachusetts Professor in Oral Public Health and Epidemiology. Under her guidance, the department successfully managed the transition and took on significant new grant projects. Included among her many accomplishments at HSDM is being awarded two HRSA grants over this past year, one for Equitable Care for Elders, and another to establish a national Center for Integration of Primary Care and Oral Health (CIPCOH).

Camila Rasner has joined the Department of Oral Health Policy and Epidemiology as a part-time lecturer. Dr. Rasner provides supervision to two HSDM predoctoral externship students at the Brookside Community Health.

Richard John Tannyhill, MD99, PD02 (Oral Surgery) joined HSDM as an instructor in Oral and Maxillofacial Surgery. Tannyhill's primary clinical interests are dentoalveolar surgery, dental implant surgery, reconstructive surgery and facial trauma. His research studies are focused on education and simulation.

Shenam Ticku, MPH16 has been promoted to full-time instructor in the Department of Oral Health Policy and Epidemiology. As part of her teaching portfolio Dr. Ticku will contribute to the DMD Practice of Oral Health and Leadership courses. In addition, Dr. Ticku will continue her work with the Office of Global and Community Health and take a lead role in the HRSA-funded Center for Integration of Primary Care and Oral Health (CIPCOH).

Staff News

William Budding joined the Human Resources Team as the new Human Resources Coordinator. He served most recently as an HR Coordinator at Harvard's Faculty of Arts and Sciences, at MIT, and previously at the Harvard Divinity School in their Admissions Office.

Louis Lee, IT Support Associate, joined HSDM via Harvard University Information Technology, where he worked on their Deployment/Refresh team.

Judy Vance has been named HSDM's new Director of Human Resources. She comes from within Harvard's Central Human Resources, where she has been serving as Operations Manager for Recruitment Services. Vance has an extensive background in HR management and operations, both in and out of higher education.

Upcoming Events



Thursday, October 12, 2017

Alumni Reception at the American Academy of Oral and Maxillofacial Surgeons Annual Meeting (AAOMS)

6:00pm to 7:30pm

Waterbar Restaurant, 399 Embarcadero, San Francisco, CA

All alumni are welcome to attend; conference participation is not required.

Thursday, October 19, 2017

Narwhal: Revealing an Arctic Legend

4:00pm

Smithsonian Museum of Natural History, Washington, DC

Exhibition and tour with narwhal expert and HSDM lecturer on Restorative Dentistry and Biomaterials Sciences, Dr. Martin Nweeia, followed by dinner at the Cosmos Club.

Limited seating available, contact wanda_mock@hsdm.harvard.edu for additional information.

See a full list of events at:
hsdm.harvard.edu/calendar

Tuesday, October 24, 2017

Worldwide Week at Harvard

3:30pm to 5:00pm

Global Health as a Tool of Diplomacy Panel
Speakers: Dr. Vanessa Kerry, Dr. Donna Hackley, and Dr. Brett Henson

REB Auditorium and Lobby

Harvard School of Dental Medicine, Boston, MA

Friday, January 26, 2018

Alumni Reception at Yankee Dental Congress

6:00pm to 8:00pm

Webster Room, Westin Waterfront Hotel, Boston, MA

All alumni are welcome to attend; conference participation is not required.

Ongoing

A 150-Year Legacy



Historical exhibit in the REB Lobby on display throughout the anniversary year.

1867-2017
150
YEARS



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Welcome Class of 2021!



The HSDM Class of 2021 with their HMS classmates in the Tosteson Medical Education Center (TMEC) Atrium before the White Coat Ceremony. Story on page 10.