

Primus

Columbia University
College of Dental Medicine

Summer 2011

CDM Puts New Ideas and Energy Into
Achieving Oral Health Care for Children



COLUMBIA UNIVERSITY

College of Dental Medicine

Primus


SUMMER 2011

← EMERGENCY

← Morgan Stanley Hospital
Children's Hospital
Presbyterian Bldg.
Vanderbilt Clinic

↑ Eye Institute
The Harkness Pavilion
Herbert Irving Pavilion
Milstein Hospital Bldg.
Parking 

↘ Neurological Inst.
Psychiatric Institute
Pediatric Dentistry
Mailman School
of Public Health

← Eye Institute
The Harkness Pavilion
Herbert Irving Pavilion
Milstein Hospital Bldg.
Parking 

↑ Neurological Inst.
Psychiatric Institute
Pediatric Dentistry
Mailman School
of Public Health

CONTENTS



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Many thanks to the faculty, students and friends who have shared their personal photographs for this issue.

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Cover: Atefeh Mostavi, an advanced standing student, with children from PS 179 in Northern Manhattan on Give Kids a Smile Day, 2011. This annual effort brings dental college students to primary schools across the nation, where using games and puppets, they introduce children to the importance of caring for their teeth from an early age and continuing to do so throughout life. This issue of PRIMUS reports on three current training grants for pediatric dentistry at CDM that seek to reinforce this important lesson through creative new approaches to practicing the specialty.

Primus

5 Dean's Letter

An evaluation of progress in many areas of the College during the past decade

6 Cover Story

The Section of Social and Behavioral Sciences connects dentistry to increasing diversity

16 Alumni

CDM Alumni meet—from DC to San Diego

24 On Campus

CDM opens new treatment and research facilities

36 Off Campus

CDM conferences attract national and international attention



8



40 Philanthropy

CDM continues to receive the benefit of alumni generosity

46 Calendar

Social and Educational events

42 In Memoriam

Drs. Gottsegen, Mandel, and Tannenbaum

45 Primus Notable

Dr. Brian Alpert '67, OMFS '70



CDM students and faculty begin an oral health care mission with Somos Amigos in the mountains of the Dominican Republic.



The College of Dental Medicine is a DYNAMIC AND EVOLVING INSTITUTION, with new educational programs, new clinical initiatives and an expanding research agenda. CDM today is a far different place than it was a decade ago.

This issue of PRIMUS highlights the evolving and progressive programs in our Section of Social and Behavioral Sciences and introduces four of our newest faculty members. In other areas, we are continuing with the establishment of our innovative predoctoral curriculum and have just inaugurated college-wide electronic patient records. Following our recently redesigned and rebuilt patient intake area on the 7th floor of the Vanderbilt Clinic, we opened two more floors to accommodate the growth of our faculty and programs, one for research, the other as an office and meeting room complex. This academic year has also been marked by the dramatic growth and development of our implant and continuing education activities.

The relationship of any dental school to its parent medical center and university is a consideration in shaping its programs. CDM recognizes Columbia's full and official name—Columbia University in the City of New York—in its robust outreach program. We provide more than 100,000 patient care visits to residents in surrounding communities, maintain oral health care clinics in seven local schools, and furnish a dental van to deliver services for preschoolers in Head Start programs. CDM also embraces the University's mission, which clearly states that international outreach should be a core activity for each of its schools. Our formal affiliations with 11 international schools, as well as a geographically wide-ranging program partnering with non-governmental organizations, brings CDM into a global arena of dental education and research, as well as ensuring much-needed oral health care services for underserved areas in the Caribbean, Asia and Central America. To emphasize this commitment, 75% of CDM graduates from the 2011 predoctoral program have had an international

experience. Not only do they learn about the people and countries they visit, but also become familiar with the conditions of dental services in those countries. Perhaps most important of all, they have gained new insight into their own attitudes and aspirations.

In 2011, CDM is an exciting place, where change continues to keep pace with discovery.

A handwritten signature in black ink, appearing to read 'Ira B. Lamster'.

Ira B. Lamster, DDS, MMSC

Dean, Columbia University
College of Dental Medicine



Enhanced Options

In Oral Health Care





...are under development at SSBS—
where economics, epidemiology, genomics, gerontology,
health services and systems evaluation, bioinformatics,
nutrition, oncology, pediatrics, pathology, pharmacology,
physiopathology, pediatric dentistry, policy analysis,
psychology, sociology and statistics may all converge in
a single day.

Guaranteeing Oral Health Care for All Children:

A SHARED FOCUS OF FOUR DIVERSE TRAINING GRANTS



Professor of Dentistry and Health Policy and Management

at Columbia University **Burton L. Edelstein, DDS, MPH**, has chaired the Section of Social and Behavioral Sciences (SSBS) since its formation in 2003. Dr. Edelstein holds degrees from SUNY Buffalo School of Dentistry and Harvard School of Public Health and has a dual appointment at CDM and Columbia's Mailman School of Public Health. In 1996, after practicing pediatric dentistry for 22 years, Dr. Edelstein became a Robert Wood Johnson Health Policy Fellow for Senate Minority Leader Tom Daschle, working on health coverage legislation. He also founded the Children's Dental Health Project (CDHP), a non-profit health policy agency dedicated to providing oral health care for all children, served as oral health consultant to the Department of Health and Human Services, chaired the U.S. Surgeon General's Workshop on Children and Oral Health, wrote the section on children in the Surgeon General's Report, and provided technical assistance to legislators on the Children's Health Insurance Program (CHIP) and Healthcare Reform laws. The diversity of Dr. Edelstein's career models the multi-dimensionality of goals proposed in four current SSBS dental training programs, funded through the Health Resources and Services Administration (HRSA).



“We’re the only dental educators on campus who haven’t any dental chairs or any labs,” says Dr. Courtney Chinn, a faculty member in CDM’s Section of Social and Behavioral Sciences (SSBS). Despite the absence of facilities usually considered basic to dental education, the Section of Social and Behavioral Sciences is thriving. Collaborative research projects joining SSBS faculty with colleagues across the Columbia University Medical Center attract extramural funding running well into seven figures annually.

Working with the Columbia Center for New Media Teaching and Learning (CCNMTL), SSBS faculty have developed five online teaching modules for the Section’s predoctoral grant to illustrate the needs of underserved populations throughout the various stages of their lifespan. This grant encourages student participation in community activities and sponsors two students annually in the dual-degree DDS/MPH program.

A second grant, for pediatric dentistry residents and practicing pediatric dentists, aims at building a sustainable network of providers committed to the care of children-at-risk. Online material for this group raises awareness of other health care professionals—nurses, occupational therapists, social workers, and others—able to support the work of pediatric dentists. On March 30, the grantees and SSBS faculty joined with the CDM pediatric dental alumni association at a special dinner to launch a program of mutual interest. Their objective is to educate and organize community members as participants in activities that could ensure children’s oral health care, thereby helping to improve their lifelong overall health.





Multidimensional LEADERSHIP

"Alternative Careers in Pediatric Dentistry," a grant in its fourth year at CDM, is dedicated to developing, expanding and diversifying leadership among pediatric dentists, particularly in academia, research and public health. The program trains 10 pediatric dental residents and one Fellow in each year of the grant and reaches an additional 150 residents annually through educational programs in the tristate area. Trainees are encouraged to consider career options that expand private practice and promise to enrich the discipline. Dr. Edelstein and co-Director Dr. Courtney Chinn introduce trainees to alumni who have already made changes

in the way they practice. Some may accept Medicaid patients, while others are actively involved with Head Start, are leaders in organized dentistry, are conducting research, are teaching, or are involved in government. Encouraged by such examples and SSBS staff support, each Leadership in Pediatric Dentistry (LEPED) Fellow is now successfully following a complementary alternative career path. The first, Dr. Talia Rubin (2008-09), since completing her MPH, serves as the New York City Department of Health's dental advisor; the second, Dr. Carol Onyango (2009-10), who earned an MPH at King's College, London, directs a preventive dentistry program for US military families in Germany; while the current Fellow, Dr. Anu Tate (2010-11), is working in healthcare policy at CDHP.

Epidemiology, bioinformatics and biostatistics join to IMPROVE POPULATION HEALTH

Athanasios I. Zavras, DMD, MS, DMSc, an internationally recognized researcher in oral and molecular epidemiology, was appointed in 2010 as the founding director for the newly created Division of Oral Epidemiology and Biostatistics at SSBS. His agenda for the Division integrates epidemiology, biostatistics, bioinformatics, and the social and behavioral sciences with public health. In collaboration with the Mailman School of Public Health, Dr. Zavras is developing innovations—clinical, genomic, technological or analytical—and their appropriate application to an educational model addressing persistent global health problems.

He and his team are particularly interested in gene environment interactions and the evaluation of biologic pathways that lead to disease, especially in the case of cancer and osteonecrosis of the jaw. Evidence-based information of this sort is important for the development and application of public health activities—like screening programs that can assess risk and establish identifications of disease at an early stage. Dr. Zavras's own research may soon lead to just such a useful outcome.

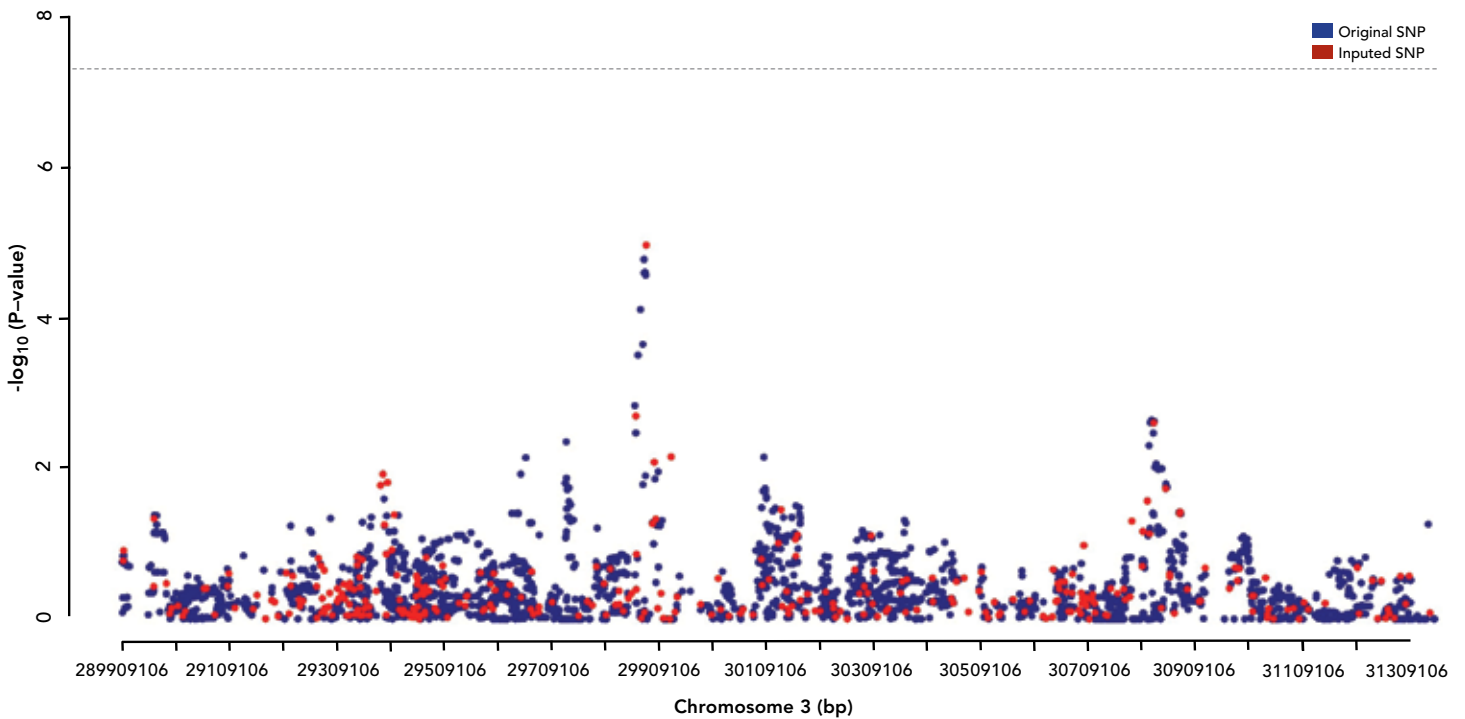
Continuously funded for the past 15 years with substantial grants from the National Institute of Dental & Craniofacial Research (NIDCR), Dr. Zavras has become a leading scientist in personalized dentistry, an emerging paradigm of dental care delivery based on genomics and systems biology. Individualization of treatment, constructed from the patient's unique genomic characteristics, can support improvements in all areas of dental care: preventive, pharmaceutical, or restorative.

Dr. Zavras's discovery that behaviors and exposure to risk factors like tobacco smoking or alcohol can interact with specific inherited variations in ERCC5 and IGF2R genes to affect oral cancer risk offers a prime example of applying research to individual patient treatment. *(cont. on p. 12)*





Manhattan Plot— SUSCEPTIBILITY MARKER FOR OSTEONECROSIS OF THE JAW



(ABOVE) Recently, using high throughput, genome-wide analysis, Dr. Zavras uncovered four major markers for osteonecrosis of the jaw in people taking bisphosphonates which had been prescribed to reduce or prevent osteoporosis or control various types of pain. That report is currently in peer review.

Using state-of-the-science laboratory research and informatics methodologies, and pairing epidemiological factors with genotype markers, Dr. Zavras's team is engaged in perfecting high-risk screening assessment algorithms that can drive cost-effective detection of solid oral and pharyngeal tumors at an early stage, when treatment offers a greater promise of

patient survival. A second, equally important project is the development of a screening tool for women with osteoporosis who depend on bisphosphonates to reverse bone loss. The goal of this work is to identify those who are predisposed to osteonecrosis—and to do so before potentially damaging treatment has begun.



Averting disease

BY LEARNING NEW BEHAVIORS

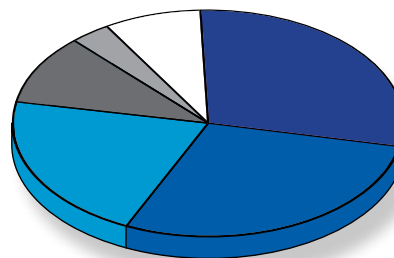
Raising dentistry's ability to contribute to the best overall health for an expanding and aging public is a driving force throughout the Section of Social and Behavioral Sciences. In SSBS's Division of Community Health, where **David Albert, DDS, MPH**, is director, faculty members concentrate on the development and testing of programs that hope to mitigate health problems through the introduction and practice of behavioral changes.

A program of this sort, currently underway, addresses the dangers of tobacco use. Known to cause lung cancer, pulmonary disease, and other conditions that ultimately reduce quality of life, tobacco use also affects oral health adversely, a problem which has received less emphasis. Because tobacco byproducts enter the body through the oral cavity, their harmful effects will undoubtedly occur there first.

This places the dentist in a unique position to identify patients who need to learn about and follow a program of tobacco cessation.

The effort to build a frontline of dental professionals who are trained to encourage smoking cessation is led by Dr. Albert and his colleague Dr. Lynn Tepper,

About 443,000 U.S. Deaths Attributable EACH YEAR TO CIGARETTE SMOKING*



- Lung Cancer 128,900
- Ischemic Heart Disease 126,000
- Chronic Obstructive Pulmonary Disease 92,900
- Other Diagnoses 44,000
- Stroke, 15,900
- Other Cancers 35,300

*Average annual number of deaths, 2000–04.
Source: *MMWR* 2008;57(45):1226–1228.





Dr. Tepper and her tobacco cessation students finish the 2010 fundraising walk for oral cancer research in Manhattan.

a psychologist on both the SSBS and Mailman School of Public Health faculties. One of the few dental schools in the nation to teach a full semester course on tobacco cessation, CDM is also distinguished by offering this course under the codirection of a psychologist, rather than a pharmacologist or pathologist.

Once more, with CCNMTL's cooperation, the faculty has created an innovative self-study course for the Tobacco Cessation program participants. Built around a group of multimedia independent-learning modules, the course includes demonstration videos, immediate-response quizzes, and treatment activity choices in tobacco cessation pharmacotherapy. A "virtual patient" activity, for instance, presents four patients, each with a different, but significant, history of tobacco use.

students take a seminar to review lessons learned online, act out treatment scenarios, and, finally, write reports on their learning experience. The program focuses, too, on empowering students to persist when advising unwilling patients about their need to give up tobacco use. CCNMTL staff and Dr. Albert recently tested the success of the site with a group of first-year students to see how well they could navigate the previously unknown program. Encouraged by the results, they plan to incorporate the program in CDM's curriculum after making some revisions. In the future, they hope to share the site with partnering institutions.



Students conduct an assessment for each patient and recommend a treatment plan, culminating in an online prescription-writing activity. After completing their work on the website,



Smoke and fire safety FOR HOMEBOUND PATIENTS

Tobacco cessation instruction in the Community Health Division is not limited to CDM students. Funded through an American Legacy grant for homebound geriatric dental patients, SSBS Assistant Professor of Clinical Dental Medicine **Kavita Ahluwalia, DDS, MPH**, is teaching home health aides from the Isabella Nursing Home in Northern Manhattan how to help patients become tobacco free. Dr. Ahluwalia provides the aides with training in motivational interviewing tactics, discusses how to introduce the Surgeon General's "Five A's"—Ask, Advise, Assess, Assist, and Arrange—in the process, suggests special activities to increase motivation for the patient to make changes, and gives each aide a data system in which her teaching points are reproduced. The aides are enthusiastic about this training, which not only helps them to improve their patients' health, but provides the Isabella Home with more detailed records on their homebound population. Dr. Ahluwalia also leads a FEMA-sponsored project on reducing fire hazards that may occur because of smoking in the patients' homes.

(ABOVE) Sharifa Williams (left), a Mailman School MPH candidate in biostatistics and program coordinator for the Community Health Division of SSBS, supports Assistant Professor Kavita Ahluwalia (right) in managing the tobacco cessation program for health care aides whose patients are homebound.

DC Dental Meeting



On April 2, Dean Ira Lamster hosted a luncheon during the Nation's Capital Dental Meeting in Washington DC. The alumni who attended: Paul Halla '48, Ashur Chavoor, Ortho '53, James Lipton '71, Carolyn Gray, Hyg '73, '75, I-Jun Lin-Kung '89, Suzanne Kim '90, Chris Bonacci '92, OMFS '98, Mao Lin '95, and Jeffrey Laughlin '08 represented a 60-year span of classes.

Dr. James Lipton with Carolyn Gray.

Annual Mentor Reception

Held In Tauber Room, Butler Library



The Alumni Association held its annual spring Mentor Reception on March 23 at the Columbia Morningside Campus in Butler Library's Tauber Room, which is named for the father of Robert Tauber '62. He was Dr. Maurice Falcolm Tauber (1908-80), the Melvil Dewey Professor of Library Service at Columbia, and an internationally renowned library educator at Columbia. Students, alumni, residents and faculty enjoyed interacting with CDM alumni, discussing career choices and hearing first-hand information about life after dental school.

During the academic year, mentors can be found through the Alumni Office, which keeps a list of alumni and faculty who volunteer to meet with students on an individual basis.

(TOP) David Berkower '12 and Gail Schupak, Ortho '85.

(MIDDLE) Steven Boss '13, American Student Dental Association (ASDA) representative to the NYSDA, and P. Deborah Weisfuse, DMD, Vice President, New York State Dental Association (NYSDA).

(LOWER) David Koslovsky '06, Assistant Professor of Clinical Dental Medicine, Division of Oral & Maxillofacial Surgery, and Robert Tauber '62, Assistant Clinical Professor, Division of Restorative Dentistry.

Yankee Dental 2011

Old and new friends gathered during the annual CDM alumni luncheon at the Yankee Dental Congress in Boston, which took place on January 26.



(TOP) left to right: Monte Miller, Alan Kaplan, Assistant Clinical Professor, Restorative Dentistry, and Ellen Kaplan, Richard Gochman '83, John Herzog '83, Denise Shapiro '84, Alan Gold '83, Ellen Karandisecky '83 and Karen Lewkowitz '82.

(LEFT) front row, left to right: Arthur Wein '67, Donald Stammer '67, Thomas Connolly '77, Perio '80 and Vonnie Lee '08; back row: Steven Spivack '81 and Stephen Kaplan '67.

Young Alumni Inaugurate Study Group

The first meeting of CDM's recently formed Young Alumni Study Club was held on February 24 in the Manhattan home of Dr. David Momtaheni, associate clinical professor, Division of Oral and Maxillofacial Surgery. The 20 young alumni who enjoyed Dr. Momtaheni's hospitality for the evening also heard Michelle Mirsky '77, Assistant Clinical Professor, Division of Operative Dentistry, speak on "Esthetic Dentistry." The new group was organized by Mina Kim '10.



Left to right: Mina Kim '10, Flavio Kottar '10, Yandresco Quintana '09, and Shiva Basir '09 are welcomed by their host, Dr. Momtaheni (center).

Art and Networking

Attract Many To CDM Reception at Sotheby's



CDM's second annual networking reception was held on Wednesday, April 13 at Sotheby's art auction galleries on East 72nd Street. More than 80 alumni, faculty, students and residents enjoyed a colorful selection of important 20th century art, hors d'oeuvres and wine, and the opportunity for lively conversation.

Left to right: Amanda Hochstein '10, Jenn Castro '09, Shiva Basir '09, Yasemin Kilical '09, Mina Kim '10, and Tatyana Oks '09, Perio '12 make a decorative addition to an abstract work by Willem de Kooning at Sotheby's at the networking reception.

CDM Alumni Gather During San Diego ADEA



(TOP) Nate Hornsby '04, Prosth '07 (left) and Dean Ira Lamster (far right) at the College's alumni reception in San Diego in March, with Amy Bryer '04 (center), who helped to organize the event.

(BELOW) Garrick Alex '13 with Morton Shapiro '50, Perio '55 enjoy the San Diego evening.

Ortho Society Annual Meeting

The newly renamed Thomas Cangialosi Annual Meeting of the Orthodontic Alumni Society was held on March 11 at Chelsea Piers. The Society presented a day-long course on "Successful Strategies for Private Practice Orthodontists," given by Dr. Terry A. Sellke.



Left to right: Larry Siegel, DDS, Assistant Clinical Professor; Sunil Wadhwa '96, PhD, recently appointed Division Director; Melvin Leifert, DDS, Clinical Professor; Thomas Cangialosi, DDS, Ortho '75, former Division Director; and Dean Ira Lamster.

The Orthodontic Alumni Society Executive Board (left to right): Jean Gong, DMD, Ortho 05, President; Alexis Fermanis '02, Ortho '06, President-Elect; Michael Leifert, DDS, Ortho '04, Vice President; Ronniette Garcia-Leifert, DDS, Ortho '03, AEGD '07, Treasurer/Secretary; Jay Cho, DDS, Ortho '07, Editor, *Ortho Alumni Society Newsletter*; George Pliakas, '06, Ortho '09, Newsletter Co-Editor; Tiffany Madison Christensen '07, Ortho '10, Treasurer-Elect.

Jeffrey S. Senzer '73, Endo '75 Is NYCDS President-Elect



On January 20, 2011, Dr. Jeffrey Senzer was installed as President-Elect of the New York County Dental Society, the largest of the 13 component societies in New York State. He will assume the office of President in January 2012. Dr. Senzer, who maintains a full-time practice in midtown Manhattan, taught clinical endodontics at Columbia for more than 30 years. Although no longer on the clinic floor, he still volunteers as a

facilitator in the junior and senior Ethics courses. In 2010, he was honored with induction into the Pierre Fauchard Academy; he is also a Fellow of the American College of Dentists and the New York Academy of Dentistry.

Jessica Lee '97, MPH '97 Receives Early Career Award



Columbia dual degree holder Jessica Lee '97, MPH '97 was one of 20 recipients honored in 2010 with the Presidential Early Career Award for Scientists and Engineers, presented by President Obama at a special White House ceremony. The annual awards recognize beginning scientists who have shown extraordinary potential in their fields of study for helping America maintain its world leadership position in science.

Dr. Lee, an NIDCR grantee who also holds a PhD, is an associate professor in the Department of Pediatric Dentistry at the University of North Carolina at Chapel Hill. Dr. Lee studies the oral health literacy of parents and caregivers and its effects on the oral health of preschool-aged children.

Craniofacial Regeneration Center Is Opened on VC 12



The Center for Craniofacial Regeneration was inaugurated on March 2. Founded by CDM and the Department of Biomedical Engineering, the Center will engage in fundamental research, develop new technologies and create interdisciplinary training and interaction with other centers of excellence at Columbia and worldwide. Jeremy Mao, DDS, PhD, Edward V. Zegarelli Professor and Senior Associate Dean for Research at CDM, and Gordana Vunjak-Novakovic, PhD, Professor of Biomedical Engineering and Director, Laboratory for Stem Cells and Tissue Engineering, who holds appointments on both the medical and dental faculties, are codirectors of the Center. Keynote speaker for the event, MIT Institute Professor Dr. Robert Langer, was joined on the program by Dr. Lee Goldman, Dean, Faculty of Health Sciences and Medicine; Dean Ira Lamster; Dr. Feniosky Peña-Mora, Dean, Columbia Fu Foundation School of Engineering and Applied Science; and Dr. Thomas Cangialosi, Waugh Professor and former Chair, Section of Growth and Development.

Left to right: Dr. Thomas Cangialosi, Dr. Jeremy Mao, Dr. Gordana Vunjak-Novakovic, Dr. Feniosky Peña-Mora, and Dean Ira Lamster mark the official opening of the Center for Craniofacial Regeneration.

New Schein Clinic Dedicated To Serve Northern Manhattan



The new Henry Schein, Inc. Diagnostic and Emergency Care Clinic at Columbia University College of Dental Medicine was dedicated in a ribbon-cutting ceremony on March 18. Housed on VC 7, the Clinic is furnished with equipment, technology and health care supplies made available through the Henry Schein Cares Foundation, Inc., to serve dental patients in the surrounding community.

During their decade-long strategic partnership, Henry Schein Inc. and the Columbia University College of Dental Medicine have been dedicated to making state-of-the-art dental services available to people for whom such treatments might otherwise be out of reach. Speaking at the celebration, Dean Ira Lamster praised Henry Schein's major contributions to improving "the oral health of the people of northern Manhattan," adding "...the opening of the Diagnostic and Emergency Clinic at the College is tangible evidence of this commitment."

Left to right: Stanley Bergman, President and CEO, Henry Schein, Inc., Arthur Martin, Equipment Specialist, Henry Schein Dental, Jules Paoletti, Eastern Regional Manager of Special Markets Equipment, Henry Schein, NYS Senator Adriano Espaillat, Steve Kess, Vice President of Professional Relations, Henry Schein, and Dean Ira Lamster at the dedication of CDM's new Henry Schein Clinic on VC 7.

Brazilians TRAVEL TO CDM



Nearly 40 dental professionals from Brazil travelled to CDM in March to attend a five-day International Implantology Week symposium with Course Director Dr. Dennis Tarnow, director of Implant Education. Additional faculty presenters included: Dr. James Fine, associate dean for Postdoctoral Education; Dr. John Grbic, director, Division of Oral Biology; Dr. Sidney Eisig, chairman, Section of Hospital Dentistry; Dr. Mildred Embree, assistant professor in Orthodontics; Dr. Stephen Wallace, associate clinical professor in Periodontics; and Dr. David Momtaheni, associate clinical professor in Oral & Maxillofacial Surgery. Dr. Cleber Silva, who is Brazilian and an instructor in the Division of Community Health at CDM, served as faculty host for the group. A cocktail reception offered the participants a chance to meet informally with their course instructors and some of CDM's Deans and Division Directors.

(ABOVE) CDM faculty and staff and Brazilian visitors get together for a photo.



(TOP) Course attendees with Dr. Tarnow: (left to right) Dr. Emildre Costa Barroso from Rio de Janeiro, Dr. Tarnow, Dr. Sandra Fabiano Alves from Rio de Janeiro, and Ms. Elaine Gomes de Andrade Rosa from Goiânia, Goiás.

(BELOW) Dr. Tarnow shares a laugh with (left to right) Dr. José Ribamar de Almeida Cerqueira Filho, Rio de Janeiro, and CDM colleagues: Dr. Gary Greenstein, clinical professor, Division of Periodontics, and Dr. John Cavallaro, associate clinical professor, Division of Prosthodontics.



CDM Alumnus Sunil Wadhwa '96

NEW DIRECTOR FOR ORTHODONTICS

On June 1, 2011, Sunil Wadhwa '96 became Director, Division of Orthodontics, succeeding Dr. Thomas J. Cangialosi. Dr. Cangialosi recently resigned following many years of leadership in the Division but will continue to teach as member of the Division faculty.

According to Dr. Wadhwa, receiving the appointment meant achieving a major goal in his life. He says, "Fifteen years ago, when I was sitting in the classroom as a dental school student, it was my dream—even then—to return to Columbia and to exactly the position I have just accepted. Dr. Cangialosi has always been my mentor, and it is my hope that I can follow his tenure in the Division of Orthodontics at CDM in a way that honors his achievements here."

Dr. Wadhwa is a 1996 graduate of the College of Dental Medicine, as is his wife, Dr. Cheryl Sobieraj. He comes to his new position from the University of Connecticut, where he earned both a PhD and a clinical specialty certificate in Orthodontics and held the title of Charles Burstone Endowed Assistant Professor of Orthodontics.

He is Board Certified, a member of the Edward Angle Society of Orthodontists North Atlantic Component, the American Association of Orthodontists, the American Association of Dental Research, the International Association of Dental Research, and the American Association of Orthodontists, which has recognized Dr. Wadhwa's research with two awards. His NIH-funded research is focused on cartilage growth in the mandibular condyle.

Dr. Wadhwa was welcomed to his new post at a reception held in his honor on June 8th.

Dr. Sam Zeichner Is New Director FOR OMFS RADIOLOGY DIVISION

In February, Dr. Sam Zeichner, Section of Oral and Diagnostic Sciences, became director of the Division of Oral and Maxillofacial Radiology. Dr. Zeichner holds an MA in Biophysical Chemistry from Montclair State University, an MS (Hyg) from the University of Pittsburgh Graduate School of Public Health, and earned his Certificate in Oral Radiology from the University of Connecticut Health Center. He has been executive director of the Maxillofacial Radiology Research Foundation and adjunct associate professor of Diagnostic Sciences, Division of Radiology at UMDJ. He also has wide experience in maxillofacial imaging in private practice.



Dr. Kim Joins Endodontics JOURNAL EDITORIAL BOARD

Sahng Gyoon (Martin) Kim, DDS, assistant professor of clinical dental medicine in the Division of Endodontics, has been appointed to the editorial board of the *Journal of Endodontics*, the official journal of the American Association of Endodontists.

Dr. Kim, who earned his DDS from Seoul National University and received a certificate in endodontics and an MS in Oral Biology at UPenn School of Dental Medicine, joined the Division in August 2009. His research is in the area of periodontal and endodontic tissue engineering.

Columbia Scientists and NYAS

PUBLISH CONFERENCE PAPERS

John T. Grbic, DMD, MMSc, professor of Clinical Dental Medicine and director, Division of Oral Biology, and John P. Belezikian, MSD, professor of Medicine and director, Division of Endocrinology at P&S, are coeditors for "Bisphosphonates and Osteonecrosis of the Bone," a volume in the *Annals of the New York Academy of Sciences (NYAS)* published in February. The presentations from the first international conference on this subject, cosponsored by P&S and CDM at NYAS in 2007, include authors from both the Medical Center and Morningside campuses.



Mildred Embree, DDS, PhD
TISSUE REGENERATION

Although she habitually received high academic honors while preparing for a career in research science, Assistant Professor of Clinical Dental Medicine Mildred Embree's earliest ambition was to become a writer. That goal was probably influenced by her childhood in Charleston, South Carolina, a city known for romance and historical charm. Nevertheless, after graduating from the College of Charleston as Outstanding Senior in Bio-chemistry and earning Departmental Honors, it was clear Millie Embree would find a life in science. She considered a medical degree but finally chose to enter dental studies at the Medical University of South Carolina. An NIDCR Summer Dental Student Award led her back to basic research. While exploring the role of potentially pathological cells in the temporomandibular cartilage tissue of genetically altered mouse models, the future Dr. Embree got excited about laboratory science again and stayed on for another year of TMJ research.

By 2010, she had earned both a DDS/PhD and the Distinguished Thesis Award for "The Role of Extracellular Matrix Proteins, Biglycan and Fibromodulin in Temporomandibular Joint Osteoarthritis." Her thesis topic remains Dr. Embree's preoccupation on a journey marked by scholarly publications and rewarding scientific collaboration. She admits, "It's really cool to be an expert."

Now a faculty member, working under Dr. Jeremy Mao at the Center for Craniofacial Regeneration, she is in the process of setting up her own research. It's a challenge, but Dr. Embree says she enjoys the work of "fulfilling all IRB requirements, training assistants, and . . . making sure it all comes together. Because, in the end," she says with a smile, "it's up to me."



Jessica Hilburg, DDS,
TEACHING ENTHUSIAST

Assistant Clinical Professor Jessica Hilburg likes teaching at CDM—a lot. She began by volunteering one day a week in the fourth-year clinic at Columbia after her old friend, Dr. MaryLee Kordes, a faculty member at CDM, suggested the idea to her. Seven years later, she is working four days a week in a paid position as a group leader in the clinic. Even though Dr. Hilburg had to cut back on her private practice in Valhalla, commute two hours every day and take on committee assignments, her enthusiasm for the job knows no bounds. "It was terrific," she says, "when Dr. Lichtenhal asked if I wanted to take on more responsibility!"

Dr. Hilburg feels strongly connected to her students. She encourages them to ask for help without feeling frightened or ashamed, and stresses watching patients, to see "how he walks or sits, or if he looks uncomfortable—things that can be important clues to his health." She also discusses how to talk with patients about intraoral issues discovered during examination that suggest potentially serious problems.

Dr. Hilburg chose dentistry while in high school. She was offered summer internships at Albert Einstein College and at *Seventeen*, where the magazine offices were "so adorable and pink" she was really tempted. But, knowing the choice might seal her future, she decided to work for a physiologist instead. He told her that she had good hands and should consider being a dentist. Now, her daughters, 19 and 22, are studying material science/engineering and medicine, respectively. Dr. Hilburg is pleased to think she has shown them that women can have both a family and a fulfilling career.



David Koslovsky '06
**TRAUMA, PATHOLOGY, AND
 RECONSTRUCTION**

When David Koslovsky '06 was between college and dental school, he took a temporary "suit and tie" job on the trading floor of a big financial institution and "hated it." He earned his next paycheck as manager at a sushi restaurant, which he really enjoyed but gave up to settle permanently, and with great enthusiasm, into his career as an oral surgeon.

Dr. Koslovsky, Miami born and bred, journeyed north to study for his BA in molecular biology at Brandeis University, then to earn his DDS from Columbia, and, most recently, to complete his OMFS residency at Montefiore Medical Center, Albert Einstein College. He has now returned to Columbia as an assistant professor in the Section of Hospital Dentistry, Division of Oral & Maxillofacial Surgery. His focus is on maxillofacial trauma, pathology and reconstruction, particularly in dental implant and corrective jaw surgery. Over and above these new clinical and teaching responsibilities, Dr. Koslovsky answers trauma calls from three ERs, as well as attending to an increasing number of referrals in his private practice.

Already actively committed to research, Dr. Koslovsky says his interest in basic science was recently raised by a "once in a lifetime moment." In just the past 14 months, he has treated two of only six known cases of Rosai-Dorfman disease of the jaw. An over production and accumulation of histiocytes, this disease typically occurs in the lymph nodes of the body and is only rarely found within bone. Dr. Koslovsky is preparing a paper on his findings for the annual AAOMS conference in the fall of 2011, which will take place almost immediately following his Labor Day wedding.



Lynda Torre, DDS
PRACTICE, PRACTICE, PRACTICE

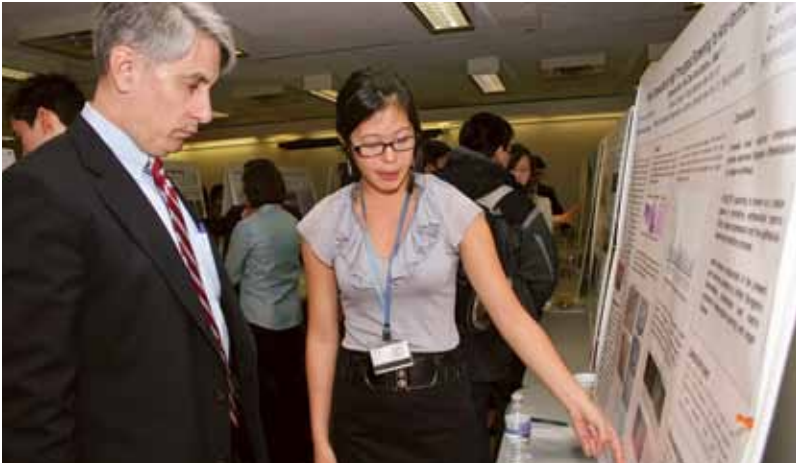
"I like to stay on the go," Dr. Lynda Torre laughs when asked how she has fared since her September 2010 appointment as Faculty Practice Director for CDM.

Her cheerful answer suggests that Dr. Torre really enjoys the demands of overseeing Columbia's six faculty practice dental sites in northern and midtown Manhattan. It is necessary, she says, to consult frequently with office managers at each practice, and she tries to keep herself prepared to handle all issues, including any future changes or potential emergencies. "My duties," she declares, "are both macro and micro."

Thirty years of private practice and considerable experience in practice management consultation gave Dr. Torre the perfect background for CDM's Faculty Practice position. She will also be involved in developing a Faculty Practice Council to support the practices' activities. In addition to her faculty practice duties, she is Assistant Professor of Clinical Dental Medicine in the Section of Adult Dentistry, teaching in both the preclinical program and third-year clinic. Since she had always intended to enter academia after retiring from practice, both the College and Dr. Torre gained an advantageous partnership.

Granddaughter of a physician, Lynda was interested in studying medicine in order to become a medical illustrator. But when she entered the MA program in anatomy at the New York University, her adviser told her that medical illustration offered fewer and fewer jobs and recommended that she should study for a PhD or dental degree. Choosing dentistry, Dr. Torre entered general practice, which combined with raising two children and having a long daily commute, has made her adept at juggling her time—a habit that continues to be crucial.

54th Birnberg Day at CDM
PRESENTS STUDENT RESEARCH



The 54th Birnberg Research Program, held on April 16 and 17, exhibited 22 predoctoral and 6 postdoctoral research poster presentations on topics ranging from bisphosphonates to biomaterials. The 2011 Birnberg Award Recipient and Lecturer Dr. Michael Longaker, Deane P. and Louise Mitchell Professor and Vice Chair, Department of Surgery, Stanford University, presented "Tissue Engineering and Regenerative Medicine: A Surgeon's Perspective." Dr. Longaker and Catherine Woo '12 (ABOVE) discussed her poster, "Small Compounds by High Throughput Screening for Anti-fibrotic Applications," on which she collaborated with Associate Research Scientist Mo Chen and Senior Associate Dean for Research Jeremy J. Mao. Dr. Mao and Dr. Carol Kunzel provide faculty support for Birnberg Day and the William Jarvie Society, the student research organization which publishes the Birnberg research abstracts in its annual *Jarvie Journal*.

CDM Inducts 2011 OKU
HONOR SOCIETY MEMBERS



On April 26, eight members of the class of 2011, (ABOVE, left to right) Andrew Boyd, Annika Lindgren, Renata Khelemsky, Renee Reynolds, Andrew Fischer, Kelly Walk, Amalya Igityan and Petro Matsyshyn were inducted into Omicron Kappa Upsilon, the national dental honor society. Jonathan Barasch, MD, PhD, associate professor at P&S in Medicine, Anatomy and Cell Biology, was also inducted as an Honorary Member of the society. The inductees were joined by 40 alumni and faculty members at a dinner in the Faculty Club, where they were praised for their academic achievements and received the OKU medal.

Officers of OKU include: Dr. Letty Moss-Salentijn, past president; Dr. James Fine, president; Dr. Vicky Evangelidis-Sakellson, president-elect; and Dr. Jason Psillakis, Secretary-Treasurer.



On March 27, (left to right) Staci Reyes-Robinson '11, Maria Brachowicz '13, Mohammad Arif '13, Hyungjoo True Kim '13, Sarah Kazi '12, Chelsea Brockway '13, Michelle Lee '13, Marcus Sur '13, and Marcus Couey '12 volunteered for CDM's second year of participation in Columbia Community Outreach (CCO) Day, an event organized through the Morningside campus.

The group visited Minisink Townhouse, a Harlem help center for children of parents who have been incarcerated. While there, they put a fresh coat of paint on the center's gym and basement. Dr. Jeff Cloidt '82 and Chelsea Brockway helped to organize CDM's student volunteers.



CDM SNDA Members Speak At Campus STEP Presentation

On April 2, the CDM chapter of the Student National Dental Association (SNDA) joined with other CUMC students in a panel discussion and workshops introducing the Science & Technology Entry Program (STEP) to an audience of middle and high school students. STEP, which has been operating for more than 20 years at CDM, provides minority and/or economically disadvantaged students in Grades 7 to 12 with skills needed to enter pre-professional degree programs in scientific, technical and health-related fields. SNDA members (front row, left to right) Nana Odoom '12, Brandon Jackson '12, Bernard Tran '12, Edwin Smith '13; (back row, left to right) Jeff Hajibandeh '14, Benjamin Pass '13, and Brian Gill (P&S student) helped to organize the presentation.

First-year CDM Students Hold "Philanthropy Day"

The Class of 2014 raised more than \$700 to sponsor their day of community philanthropy, which included providing oral health care education and supplies to five third-grade classes at PS 173 in Northern Manhattan. Sixty-three CDM students participated in oral hygiene presentations and shared information about what to

expect on a first visit to the dentist. Each of the 150 third-graders who attended received toothbrushes, toothpaste, dental floss and information about Columbia's community dental clinics. The enormous enthusiasm of the 2014 Class members was supported by pharmaceutical companies which provided the day's supplies.

CDM Volunteers Give 600+ KIDS A SMILE

CDM celebrated the ninth annual Give Kids A Smile (GKAS) Day on February 4. More than 120 students, faculty and staff volunteered for this national ADA event to promote oral health awareness and treatment of children in under-served areas of the country.

(RIGHT) Shawn Francis '14 introduces a young participant to the activities of the GKAS program.

(BELOW) Children at PS 139 in Northern Manhattan schools get busy identifying things that are good for their teeth during GKAS Day.



CDM Hosts First International Conference on Dental and Craniofacial Stem Cells



(ABOVE) The audience and distinguished speakers for the first international conference on stem cell regeneration pose for a photo marking the event.

The First International Conference on Dental and Craniofacial Stem Cells, cohosted by CDM, NIH and NIDCR, was held at the New York Academy of Sciences from April 27 to 29. Jeremy Mao, DDS, PhD, Edward V. Zegarelli Professor and Senior Associate Dean for Research at CDM, organized the Conference with Darwin Prockop, MD, PhD, Texas A&M Health Science Center, and Pamela Robey, PhD, and Nadya Lumelsky, PhD, both from the National Institutes of Health. An audience of 200 professionals from 19 countries gathered to hear 30 of the world's most prominent stem cell scientists share their expertise in this promising area of research. Dr. Mao said the exchange of information had opened the way for future cross-disciplinary studies that could transform the treatment of oral health problems, including cleft palate, missing teeth, root canals and facial trauma.



He added that further discovery in stem cell biology research also had the potential for translation into regenerative therapies for patients with “congenital anomalies, trauma, cancer, and chronic disorders.” Dr. Mao’s Columbia laboratory has been a leader in creating early examples of biocompatible body parts, like replacements for missing teeth, built on tooth-shaped scaffolds and augmented with growth factors and proteins to attract stem cells that will grow the new bone in place.

The Conference was generously supported by several partners, including: ICOI (gold level); Dentsply and StemSave (silver level); and Glaxo SmithKline (bronze level).



Coincidentally, during the Conference, the United States Court of Appeals for the District of Columbia Circuit ruled that government financing of embryonic stem cell research—closed down earlier by a Federal Judge in DC—could recommence.

(ABOVE LEFT) Nadya Lumelsky, PhD, director, Tissue Engineering and Regenerative Medicine Research Program, National Institute of Dental and Craniofacial Research, and co-moderator for the Conference asks the speakers’ panel a question.

(ABOVE) left to right: Dr. Jens Ove Andreasen, Copenhagen; Søren Steno Ahrensburg Christensen, MSc, Værløse; and Dr. Niels Ulrich Hermund, Gentofte.

(BELOW) Yang Chai, DDS, PhD, associate dean of research and director, Center for Craniofacial Molecular Biology, at USC, discusses the neural crest origin of dental stem cells.



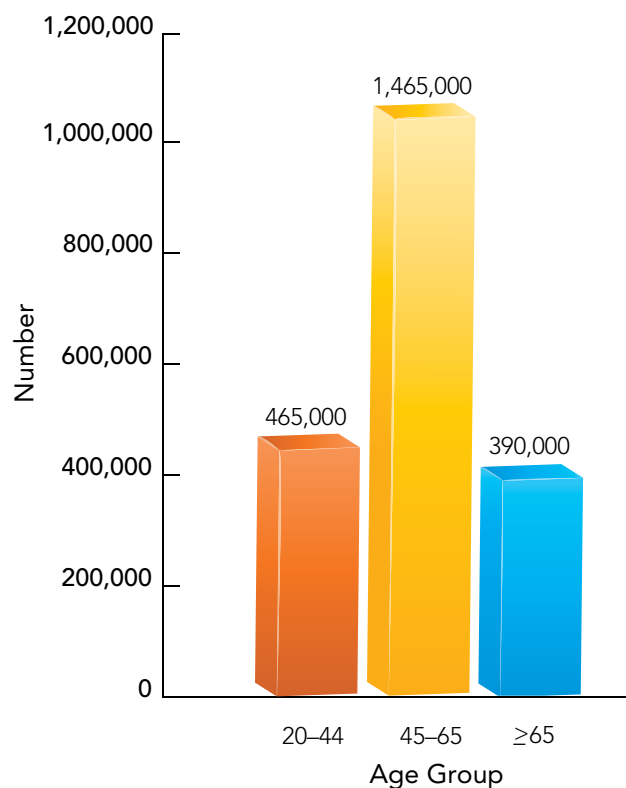
(ABOVE) Dr. Jeremy Mao (second from right) with winners of the stem cell conference's New Investigator Awards: (left to right) Dr. Jiafeng Gu, CDM; Dr. Mildred Embree, CDM; Dr. Emma Juuri, Institute of Biotechnology, University of Helsinki; and Dr. Ivan Rebutini, NIDCR-NIH. Missing from the group is Dr. Jonathan Stahl, UC San Francisco, who also received a New Investigator Award.



(LEFT) Pamela Den Besten, DDS, MS, chair, Division of Pediatric Dentistry at UC San Francisco discusses research presented in the Conference poster competition.

Symposium Stresses Collaboration Among Health Care Professionals In Treating Patients with Diabetes

Estimated number of new cases of diagnosed diabetes among people ages 20 years or older, by age group, United States, 2010.*



On May 4, CDM joined with P&S and the New York Academy of Sciences (NYAS) to present "Diabetes and Oral Disease: Implications for Health Professionals," at 7 World Trade Center, the home of NYAS. Dr. David Albert, director of CDM's Division of Community Health and a member of the Scientific Organizing Committee for the symposium, described the program as "providing

current information about the bi-directional relationship between oral disease and diabetes . . ." An audience of 150 health care professionals, including 83 from dentistry, heard William C. Knowler, MD, DrPH, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, give the keynote address, "The Diabetes Epidemic." The program continued with presentations by physicians, physician assistants, nurse practitioners, endocrinologists, general dentists, periodontists, dental hygienists, epidemiologists, public health and nursing professionals, and basic science researchers, speaking on the need for interprofessional management of patients with diabetes.

* About 1.9 million people ages 20 years or older were newly diagnosed with diabetes in 2010.

Shenjuti Chowdhury '13 Wins Fasano Scholarship



“...a wonderful way to honor our father who was a very proud graduate of Columbia Dental School.”

Ellen Fasano

Shenjuti Chowdhury '13 is the first recipient of a \$1500 scholarship presented in memory of Carmine Mario Fasano '52. The award, open to first-year CDM students, is funded by the Columbia Association of Customs and Affiliate Federal Agencies, a nonprofit organization founded by Italian immigrants in the United States.

Dr. Fasano was the first in his family to attend college, graduating from Harvard before entering Columbia's dental school. He prevailed over economic hardship to make sure he would receive a good education and could enter the profession of his choice.

Ms. Chowdhury, like all applicants for the Fasano scholarship, was required to write a one-page essay describing the personal challenges she overcame to attend and succeed in dental school. The following excerpt is from her winning essay.

“Life from its inception was challenging for me. . . . Not only was I a premature baby, but I was also born with a cleft palate and lip. Bangladesh is a patrilineal society where females are considered to be inferior to males, and girls are . . . burdens on their parents' shoulders. . . . My parents never viewed me simply as a girl. They treated me as a human being who was given every opportunity to turn her thoughts into a reality. . . . The pain I was forced to bear due to my physical condition inspired me to pursue a career where I can alleviate the agony of others. I began weaving dreams of a future where I was an orthodontist who provided medical care to people born with congenital defects like me, thus easing their pain.”

(ABOVE) Dr. Fasano's daughters, Adele (left) and Ellen (far right) with Shenjuti Chowdhury at the award luncheon.

Naming of New CDM Wing Will Commemorate Dr. Levine

Harry M. Levine '36, CC '33, who died in August, 2006, made CDM a beneficiary of his estate. The College will recognize Dr. Levine's significant generosity by naming the newly renovated VC 17 wing in his honor.



COLUMBIA UNIVERSITY

College of Dental Medicine

A Smart Plan:

The Gift Annuity—A Gift That Pays You Back

Today, more of us are looking for innovative ways to stay within our means while also helping to support the future of institutions we care about. Fortunately, there is a means of making a gift that can solve this problem and even give something back to the donor.

Your single gift returns four benefits:

A fixed payment for life, to you or a beneficiary you name;
A current income tax deduction; membership in the William J. Gies Planned Giving Society; and—important support for CDM's mission.

For your gift of an annuity to Columbia University College of Dental Medicine, you will receive lifetime payments at a fixed rate.

<i>Age</i>	<i>Rate</i>
55	5%
65	5.5%
75	6.4%
70 & 65	5.2%
75 & 70	5.5%

To learn more about Charitable Gift Annuities, please contact: Geri Connors, Director of Development, at 212-342-5612 or gc2399@columbia.edu



Kourken A. Daglian '43

Dr. Kourken A. Daglian passed away at the age of 93, on February 26, 2011. After earning his DDS at Columbia, Dr. Daglian, who specialized in head and neck injuries, practiced oral surgery for 45 years on Madison Avenue in Manhattan, as well as at his campus office in Atchley Pavilion. A member of the SDOS (now the College of Dental Medicine) Oral Surgery faculty from 1945 to 1990, he held an appointment as Associate Professor of Clinical Dental Medicine at the time of his retirement.

Dr. Daglian will be remembered for his delightful sense of humor, his kindness and a zest for life, which he shared with his family, friends and patients. He is survived by his wife, Marliese, and children: Kourken Thomas, Susan, Melanie and Krikor.



Robert Gottsegen '43, Perio '48

Dr. Robert Gottsegen, a pioneer in the field of periodontal dentistry, died on February 28. Born in New York on June 21, 1919, he graduated from the University of Michigan in 1939.

During WW II, he entered an accelerated three-year program at the Columbia University School of Dental and Oral Surgery (now the College of Dental Medicine), earning his DDS in 1943. After an internship at Mt. Sinai Hospital, he served in the United States Army, where he received a Commendation Medal, European Theatre of Operations. Following two years as a Public Health Service/NIH Research Fellow in Dentistry, he became a member of the first class in Columbia's Advanced Specialty Training Program in Periodontics, from which he graduated in 1948. Dr. Gottsegen soon established a private practice limited to periodontics in New York City and was later appointed Director of Post-graduate Periodontics at the University of Pennsylvania. He was given the same title when he later joined the SDOS faculty at Columbia, where he spent the remainder of his academic career. On retirement, he received the title of Professor Emeritus of the University.

Dr. Gottsegen held office in: the American Society of Periodontists, the Executive Council of the American Academy of Periodontology, and the American Board of Periodontology and was Consultant to the National Commission on Diabetes. He was president of the American Academy of Periodontology (AAP) from 1970 to 1971, receiving its Gold Medal Award in 1988; was honored as a Fellow of the AAP; received the SDOS Distinguished

Alumnus Award and the Isadore Hirschfeld Award of the Northeastern Society of Periodontists. He was a Fellow of the American College of Dentists and the New York Academy of Dentistry. His research interests included: the connection of diabetes to periodontal disease, systems of health care delivery, and metabolic influences on periodontal disease. Above all, Dr. Gottsegen was a teacher and mentor to hundreds of Columbia students. His clinical demonstrations were dental works of art, his knowledge of the relevant literature was encyclopedic, and he was in demand as a lecturer at other schools and in many foreign countries, presenting more than 650 courses over 38 years.

A connoisseur of fine wines and dining, he had a lifelong passion for travel, visual arts, music and theatre and being with his six beloved grandchildren, Jessica, Liza, Sam, Ben, Kate, and Gardner. Predeceased by his wife of 54 years, Rita Gillette, he is survived by his sons, David, Daniel and Jonathan.

Contributions may be made in Dr. Gottsegen's honor to the College of Dental Medicine or the American Academy of Periodontics.



Irwin D. Mandel '45

Dr. Irwin D. Mandel, Professor Emeritus of Dental Medicine at the Columbia University College of Dental Medicine, passed away on May 26, 2011.

Dr. Mandel was born on April 9, 1922. After graduating from the College of the City of New York in 1942, Dr. Mandel earned his dental degree in 1945 from Columbia, where, except for two stints in the Navy Dental Corps (1945-46 and 1952-54), he spent his entire career. Beginning in 1946, he worked as a research assistant at the school and in his part-time private practice. By 1968, Dr. Mandel devoted himself full-time to research and teaching. He founded and was director of the Division of Preventive Dentistry at Columbia, the first department of its type in the country. He was also founding director of the Center for Clinical Research in Dentistry and was Associate Dean for Research for nearly 50 years before attaining emeritus status in 1992. A past president of the American Association for Dental Research, his many awards include the first Gold Medal Award for Excellence in Dental Research from the American Dental Association (1985), the Award for Leadership in Periodontology from Tufts University (1971), the International Award from the University of Connecticut (1979), the Jarvie-Burkhardt International Award from the New York State Dental Association (1990), and the Distinguished Service Award from the American Association of Public Health Dentistry (1991). Dr. Mandel held honorary degrees from Columbia University (1996: Doctor of Science *honoris causa*), the University of Medicine and Dentistry of New Jersey (1981) and the University of Göteborg, Sweden (1994). A Dental School symposium

for Columbia University's 250th anniversary celebration honored him as one of the "Columbians Ahead of Their Time."

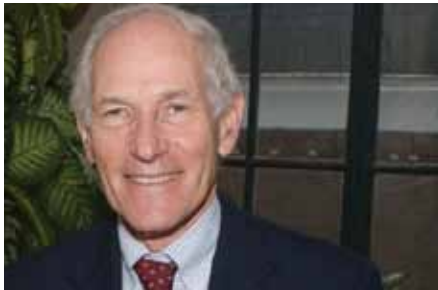
Dr. Mandel conducted pioneering research on the role of dental plaque in tooth decay and periodontal disease, and is also known for studies of salivary composition related to dental disease and systemic disease. As a teacher, researcher, and author of 225 scientific articles and 18 books or book chapters, Irwin D. Mandel played a major role in shifting the focus of dentistry from repair to prevention. For nearly 50 years, he was Chief Dental Advisor to Consumers Union and its publications, consultant and spokesperson for the American Dental Association, Associate Editor of the *Journal of Dental Research*, a grants reviewer for the National Institute of Dental and Craniofacial Research, an active writer and reviewer for the *Surgeon General's Report on Oral Health (2000)*, and served as the preventive dentistry consultant to NASA's manned mission to Mars project.

Generations of dental students at Columbia were influenced by Dr. Mandel's insistence on the need to translate research findings into improved clinical care. His prodigious intellect, sharp wit, and devotion to Columbia and the profession of dentistry will long be remembered. He is survived by his wife, Charlotte, his daughters, Nora and Carol, and his son Richard.

Dr. Mandel's family has requested donations in his memory be sent to the College of Dental Medicine, Irwin D. Mandel Research Fund.

A Commemoration celebrating the life and achievements of Dr. Irwin Mandel was held at CUMC on Wednesday, September 14.

IN memoriam



Paul Tannenbaum '61, Perio '67

Dr. Paul Tannenbaum died in a skiing accident on February 2. Born in Brooklyn on April 30, 1936, he earned his DDS in 1961 before serving for two years as a lieutenant in the Dental Corps of the United States Navy. In 1963, he attended Cornell University Graduate School of Medical Sciences to study Graduate Biostatistics, returning to Columbia in 1967 for a certificate in Periodontology. He published numerous scientific papers on the crystalline chemistry of bone mineral while he was a research fellow and consultant at the Hospital for Special Surgery in New York. Dr. Tannenbaum was a gifted and beloved teacher at the Columbia University School of Dental and Oral Surgery (now the College of Dental Medicine) for more than 30 years.

He was a member of, and chaired, numerous committees at the American Academy of Periodontology and was president of the New York Academy of Dentistry and of the Columbia Periodontal Alumni Association. Most recently, he served as a board examiner for the American Board of Periodontology, where he was also chairman. Dr. Tannenbaum maintained a private practice in periodontics in Manhattan with his friend and mentor, Dr. Robert Gottsegen, who died on February 28 (see above), with

Dr. Susan Karabin '81, Perio '84, and with Dr. Edward Gottesman.

An avid photographer, Dr. Tannenbaum traveled the world searching out natural beauty. During the past year alone, he visited Antarctica, Africa, and Europe.

Dr. Tannenbaum is survived by two sons, Stephen and Daniel, from his marriage to Willma Reichel, and six beloved grandchildren: William, Beatrice, Dorothy, Julia, Pablo, and Sofia, and by Jane Cates, his companion of fourteen years.

Donations in memory of Dr. Tannenbaum can be directed to the Dr. Paul J. Tannenbaum Fund at Columbia University College of Dental Medicine.

In Memoriam

Juditta S. Angliss, Hyg '36

Robert L. Downes, DDS, Ortho '37

Isidore M. Samuels '39

Arthur S. Freese '39

Irving L. Maislen, DDS, Ortho '40

Emanuel S. Knishkowsky '41

Bernice O'Connell Dunn, Hyg '43

Paul A. Most '43

Robert Gottsegen '43, Perio '48

Chester Schept '43

Kourken A. Daglian '43

Irwin P. Heide '43

Irwin D. Mandel '45

Irving D. Halbrecht '45

Edgar Gattegno '45

Ruth N. Kahn, Hyg '46

Julius Lieberman '46

John D. Piro '46

Martin A. Garber '46

Raymond H. Russell '47

Philip P. McManus '50

Eugene A. Cohen '51

Rosalie Mandle Crane, Hyg '51

Kenneth K. Murakami '51

Leonard A. Sarvela, Jr., DDS,
OMFS '52

A. Raymond Tannenbaum, DDS,
Ortho '52

John D. Suomi '53

Abraham M. Blechman, DDS,
Ortho '54

Arthur M. Mettelman '54

Morton S. Brod '55

Cornelius A. McGlennon, DDS,
Ortho '55

Thomas W. Portway, '56

Solomon Snyder, DDS,
Pedodontics '56

Herbert I. Oshrain, DDS, Perio '58

Leon Levy, DDS, Perio '59

Stuart S. Osleeb '60

Paul J. Tannenbaum '61, Perio '67

Richard A. Donelli '63

Frank A. Cavedo, Jr. Ortho '64

John L. Cuskley '65

Herbert N. Appel, DDS, Ortho '66

Jack Brandon, DDS, Ortho '68

Michael A. Rubin '69

Joseph L. Wasileski '69

Robert F. McIntyre '71

Albert A. Pilvelis, Jr., DDS, Ortho '71

Ellen G. Holliday Azzaretti '81

Eric P. Schoenlein '85, Ortho '86

Frank J. Tabacchini, DDS, Ortho '85

Tomas J. Barrios '90



Brian Alpert '67, OMFS '70

Primus *notable*

Q. Dr. Alpert, you grew up in Lake Placid and were educated in New York City, but you've spent well over half your life in Kentucky; how did that happen?

A. Because after getting my DDS and my oral surgery certificate at Columbia in 1967 and 1970, I did my military service at a hospital in Korea. Then, a couple of months later when I was just starting my first academic job at the University of Illinois Medical Center, a colleague I had worked with in the army landed the chair in dentistry in Louisville and asked if I wanted to direct the residency program there. So, eight months into academics, I was an associate professor and director of my own program.

Q. Sounds as if that's turned out rather well?

A. Absolutely. Even though I had to drag my wife South, she soon came to love the lifestyle. Within four years I became a tenured professor of Oral and Maxillofacial Surgery, with a very "healthy" practice. As of the first of April this year, I've been chair of the Department of Surgical and Hospital Dentistry at the University of Louisville School of Dentistry for 24 years. I'm happy and so is my wife.

Q. You also sound pleased that you chose academic dentistry, with oral and maxillofacial surgery as your specialty, both in the classroom and the OR?

A. Yes, in spite of being kind of a dinosaur in our specialty, since I have only a single degree and most of my junior colleagues have an MD as well as a DDS.

Nevertheless, I've been running a successful double degree program for 20 years. I'm also Chief, Service of Oral & Maxillofacial Surgery & Dentistry, at the University of Louisville Hospital, where I'm on rotation every third night, repairing the full scope of craniomaxillofacial trauma. And, I still have a private practice.

Q. You've watched dentistry change in major ways over almost half a century. What have you observed?

A. Well, we've seen dentistry become the premier health profession, overtaking medicine for many different reasons: work hours, managed care, insurance, and overall income. There are always a couple of MDs working toward a dental degree in our classes. It appears to me, however, that many in our profession focus chiefly on selling prevention and beauty, but not on treating disease. Also, too few graduates are interested in entering academics or treating the underserved.

Q. You have dozens of publications, lecture frequently in all parts of the country and around the globe, and attend many ceremonies to receive professional honors. Add on teaching, administration and surgery: you're a very busy man. Do you have time for anything else?

A. I'm a collector of high-end guns, I do some deer and duck hunting, I'm a skier, and I like doing carpentry. I have a good life and would do it all again, given similar options. If you like what you do, it's not work.

Dr. Alpert received the 2011 Distinguished Alumni Achievement Award on May 6 at CDM's Class Reunion Day.



CDM CONTINUING EDUCATION: 2011 FALL COURSE SCHEDULE

COMPREHENSIVE IMPLANTOLOGY CONTINUUM

Dr. Dennis Tarnow, Dr. Stephen Chu and Dr. James Fine

DATES Choice of:

OPTION I (Six weekend sessions)

Oct. 1-2, Nov. 5-6, Jan. 21-22, Feb. 25-26,
March 24-25 and April 28-29.

or

OPTION II (Two 6-day sessions)

Tues.-Sun., Nov. 1-6 and Tues.-Sun., Feb. 21-26.

NOTE Includes CU/ICOI Symposium Dec. 9-10
95 Credits. \$7,500.

Co-sponsored with Biomet3i, Nobel Biocare and Straumann.

ESTHETIC ESSENTIALS CONTINUUM

Dr. Stephen Chu and Dr. Mark Pitel

DATES Seven weekends. Oct. 1-May 19.
67 Credits. \$5,500.

*Enroll in the entire course or sign up for individual weekend sessions-
three or more weekends receive a 5% discount.*

ETHICS AND JURISPRUDENCE

Dr. Robert Tauber and Lance Plunkett, JD

DATE Wed. Sept. 21, 9 a.m.-Noon.
3 Credits. \$135, NYSDA members \$65.

*Mandated Ethics Course sponsored by the New York State
Dental Foundation.*

IMPLANT STUDY CLUB

Dr. James Fine

DATES Oct. 5, Nov. 9 and Jan. 11, 6-8 p.m.
2 Credits. \$125.

SOCIAL MEDIA AND YOUR DENTAL PRACTICE:

Strategies for Effective Online Marketing

Dr. Edward Zuckerberg and Dr. Tamar Schiller

DATE Fri. Oct. 28, 9 a.m.-1 p.m. 4 Credits. \$175.

POWERFUL ENDODONTICS DONE SIMPLY FOR THE GENERAL PRACTITIONER

Dr. Allan Deutsch and Dr. Barry Musikant

DATE Fri. Nov. 18, 9 a.m.-1 p.m. 4 Credits. \$175.
Co-sponsored with Essential Dental Seminars

TOBACCO CESSATION INTERVENTION

Dr. Lynn Tepper and Dr. David Koslovsky

DATE Fri. Dec. 2, 9 a.m.-Noon. 3 Credits. \$145.

COLUMBIA UNIVERSITY/ ICOI DENTAL IMPLANT SYMPOSIUM:

Controversies and Innovations in Implant Dentistry
Scientific Director: Dr. Dennis Tarnow, and a program
of internationally renowned speakers.

DATE Fri. and Sat., Dec. 9-10. 11 Credits. \$595
ICOI Members/CDM Alumni, \$495.

Co-sponsored with the International Congress of Oral Implantologists.

INFECTION CONTROL FOR THE DENTAL OFFICE

Dr. Ronnie Myers

DATE Fri. Jan. 6, 9 a.m.-Noon. 3 Credits
*Satisfies the CE requirement mandated by the
New York State Board of Dentistry.*

and

CPR RE-CERTIFICATION

Mike Caffrey, EMT

DATE Fri. Jan. 6, 1-4 p.m. 3 Credits.
\$145 per session, \$275 both sessions.

SAVE-THE-DATE: May 25-26, 2012
CE in Venice, Italy, with Dr. Dennis Tarnow.

FOR FURTHER INFORMATION AND ONLINE REGISTRATION

www.dental.columbia.edu/CE
tel: 212-305-7124 or email: dentalce@columbia.edu.

ALUMNI events

FALL 2011

September

Thurs. September 15
5:30-7:30 p.m.
Philadelphia, PA

Oral & Maxillofacial Surgery
Alumni Reception at the
AAOMS Annual Meeting

October

Mon. October 17
6:30-9:30 p.m.
New York, NY

1852 Society
Donor Recognition Dinner

November

Tues. November 1
12:00-1:00 p.m.
New York, NY

Columbia Visiting Professorship:
Contemporary Issues in Dentistry
With Dr. Elizabeth Mertz, UCSF
formerly Percy T. Phillips program

Sun. November 13
5:30-7:30 p.m.
Miami, Florida

Periodontal Alumni Reception
at the American Academy of
Periodontology Annual Meeting

Wed. November 30
6:00-8:00 p.m.
New York, NY

Alumni Reception at the
Greater New York Dental Meeting

SPRING 2012

January

Fri. January 27
12:00-1:30 p.m.
Boston, MA

Alumni Luncheon at the
Yankee Dental Congress

March

Fri. March 23
9:00 a.m.-5:00 p.m.
New York, NY

Thomas Cangialosi Annual Meeting
of the Orthodontic Alumni Society

Sat. March 31
12:00-1:30 p.m.
Washington, DC

Alumni Luncheon at the
Nation's Capital Dental Meeting

May

Fri. May 4
11:30 a.m.-6:30 p.m.
New York, NY

Class Reunion Day 2012
honoring classes ending in 2's and 7's

Sat. May 26
6:00-8:00 p.m.
San Diego, CA

Pediatric Dentistry Alumni Reception
at the American Academy of
Pediatric Dentistry Annual Session



CONNECT WITH CDM!

Visit www.dental.columbia.edu/alumni for networking and career resources, including dental job listings and the Columbia Online Directory.

Update your contact info to receive announcements of events in your region.

Follow CDM on social media for up-to-the-minute news on and off campus.



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