Eastman Dental Center and Dentistry: Leading the Way Through Research

Eastman Dental Center has landed a five-year, $532,000 grant to explore teledentistry, a novel approach that uses an intraoral camera to image teeth and tooth surfaces. The grant was awarded by the National Institute of Dental and Craniofacial Research, of the National Institutes of Health. PAGE 3
Institutions have been described as bricks and mortar — but that’s not the case with Dentistry at the University of Rochester Medical Center. The people who populate our institution create meaning.

I’m continually fascinated at the meaningful relationships developed at our Institution between and among fellow students, teachers, mentors, and clinical and administrative staff members. In the grand scheme of life, the few years spent here for most students are really just a brief moment in time, and yet that time becomes deeply meaningful and very special for them.

It begs the question — what could possibly take place in a matter of a relatively few months to form such solid, meaningful bonds between people year after year? It starts with a common interest. We work hard to find the best of the best professionals to train when recruiting new residents. They are committed and dedicated, as is our faculty and staff. They work very hard and very closely. The relationships that develop have a way of becoming enduring; in fact many relationships have lasted a lifetime.

Our recent Alumni Reunion is a great example of that. People from a wide range of graduating classes came together to re-connect and celebrate that unique bond, while forming new relationships. I have heard countless times how much the experience at EDC and Strong Memorial Hospital has changed lives for the better, how the people they’ve met and built relationships with have been life-changing experiences.

For an institution like ours, providing exceptional community health, research, and education, the importance of working on relationships is crucial to our long term success.

This is also true for the partnerships we develop in our city. These are vital to continuing outreach and community service…researchers must continually build relationships to advance translational research…and educators must work closely with their peers to learn and bring new techniques and methodologies to the classroom and clinic.

All of these meaningful relationships — whether they are family, friends or colleagues — take ongoing effort, commitment and loyalty to succeed. Successful relationships contribute significantly to the vitality and strength of our Institution.

Each and every one of you is vital to our Institution. Thank you for your effort, loyalty and commitment. Together we can be successful in our important education, research and clinical missions.

Cyril Meyerowitz, DDS, MS
Director, Eastman Dental Center
Professor and Chair, Eastman Department of Dentistry
TELEDENTISTRY: FIVE-YEAR PROJECT BEGINS

Over the next five years, more than 500 preschool children enrolled in six different inner city day care centers will be examined to determine if teledentistry is useful in identifying at-risk children before extensive treatment is needed. The children will receive an initial baseline exam, and then will be re-examined six and 12 months later.

“Teledentistry can help more children by preventing and detecting early childhood tooth decay,” said Dorota Kopycka-Kedzierawski, DDS, MPH, who is leading the research effort. This effort follows Eastman Dental Center’s successful pilot teledentistry initiative last year, where more than 40 percent of the 200 children ages 1 to 5 screened at inner-city daycare centers had cavities and 95 percent of whom had never seen a dentist.

This teledentistry initiative relies on infrastructure provided by Health-e-Access, the University of Rochester Medical Center/Golisano Children’s Hospital telemedicine program. Established in 2001 by two of the hospital’s pediatric faculty, Health-e-Access initially served five urban child care centers, allowing doctors, using a computer–internet connection in their offices, to diagnose and treat children with sore throats, ear aches, skin rashes and other common symptoms. Today, it has grown to include 19 urban and suburban elementary schools and child care sites.

UNDERSTANDING HOW BONE LOSS OCCURS

The aging population and links between gum disease and systemic disorders commands a closer look at preventing and treating tooth loss. The strategy is to regenerate periodontal and bone tissue through molecule engineering, explore growth factors and the use of stem cells, as well as to develop and apply novel biomaterials.

Bone is maintained by a constant recycling process, where bone-eating cells (osteoclasts) and bone-making cells (osteoblasts) are carefully balanced against each other. A study led by Eastman Dental Center researcher Andy Teng, DDS, PhD, published in *Journal of Bone & Mineral Research* and *Journal of Immunology* found that in cases of injury, infection or in autoimmune diseases like rheumatoid arthritis, inflammatory conditions may drive stem cells that otherwise become immune cells into osteoclasts to resorb bone, resulting in bone destruction seen in periodontal disease.

FOR MORE INFORMATION ABOUT DENTISTRY RESEARCH AT UNIVERSITY OF ROCHESTER MEDICAL CENTER, VISIT THE PRESS ROOM AT HTTP://WWW.URMC.ROCHESTER.EDU/PR/
WINEMAKING WASTE PROVES EFFECTIVE AGAINST DISEASE-CAUSING BACTERIA

A class of chemicals in red wine grapes may significantly reduce the ability of bacteria to cause cavities, according to a study published recently in the Journal of Agricultural and Food Chemistry. The findings suggest that specific polyphenols, largely present in fermented seeds and skins cast away after grapes are pressed, interfere with the ability of bacteria to contribute to tooth decay. Beyond cavities, the action of the wine grape-based chemicals may also hold clues for new ways to lessen the ability of bacteria to cause life-threatening, systemic infections.

Even better, the compounds embody an emerging philosophy in design of drugs against bacteria: take away their ability to cause disease without killing them. Current antibiotics often kill a strain of bacteria responsible for disease, only to create a vacuum quickly filled by related strains. The widespread over-prescribing of antibiotics and the speed of bacterial evolution have greatly increased the likelihood that the strains most able to resist antibiotics will thrive and spread.

"Most foods contain compounds that are both good and bad for dental health, so the message is not 'drink more wine to fight bacteria,'" said Hyun Koo, DDS, PhD, assistant professor of Dentistry within the Eastman Department of Dentistry and Center for Oral Biology at the Medical Center. "We hope to isolate the key compounds within the winemaking waste that render bad bacteria harmless, perhaps in the mouth with a new kind of rinse."

STUDYING COMBINED EXPOSURE TO MERCURY FROM DENTAL FILLINGS AND METHYLMERCURY FROM FISH

The presence of mercury in dental amalgams, or fillings, is relatively common knowledge; however, whether its presence affects the neurological system is a debate that has been ongoing for 150 years. A new, multidisciplinary study led by Eastman Dental Center will – for the first time – explore whether prenatal and postnatal exposure to mercury from two sources, mercury vapor from fillings and methylmercury from consumption of ocean fish/seafood, affects neurological development in children.

As part of the world’s longest-running study of the health effects of low levels of mercury exposure, Gene Watson, DDS, PhD, an associate professor in the Eastman Department of Dentistry at URMC, has begun an almost $3 million, National Institutes of Health-funded study examining whether exposure to mercury from dental amalgams or fillings elevates the risk for adverse neurodevelopment in a cohort of children who are also exposed to methylmercury.

Watson is collecting hair samples from children in the Indian Ocean island nation of Seychelles, who were enrolled in a study in 2001 to determine their exposure to methylmercury from fish and other seafood. He will also collect urine and record how many fillings the children have and how many and which surfaces of the teeth they cover as an indication of exposure to mercury vapor.

Because these children were enrolled prior to their birth, more information is available than any previous mercury/dental filling study. "This study can go back prenatally because we know what the mother’s dental history was prior to and during the pregnancy,” said Watson. "We need to examine effects of early exposure because studies suggest the developing brain is more susceptible to mercury than the adult brain."
EXPERIMENTAL GENE THERAPY “ABOLISHES” ARTHRITIS PAIN AND LESSENS JOINT DAMAGE

Early-stage research has found that a new gene therapy can nearly eliminate arthritis pain, and significantly reduce long-term damage to the affected joints, according to a study published in the journal *Arthritis and Rheumatism*. While the study, led by Stephanos Krykanides, DDS, PhD, Chair, Division of Orthodontics and Dentofacial Orthopedics, was done in mice, they are the first genetically engineered to develop osteoarthritis like humans, with the same genetic predisposition that makes some more likely to develop the disease, the authors said. If all goes well with a follow-up study currently underway, researchers will apply to the U.S. Food and Drug Administration for permission to begin human trials next year.

Many aged 65 or older suffer from the pain, swelling and permanent joint damage of osteoarthritis. The most common form of arthritis, it develops over time following initial joint injuries or just as a result of aging. In the current study, researchers found that one injection of a newly designed gene therapy relieved 100 percent of osteoarthritic pain in the study model. In addition, researchers were surprised to find that the therapy also brought about a nearly 35 percent reduction in permanent structural damage to joints caused by round after round of osteoarthritic inflammation.

“Our publication represents the first proof that gene therapy can work in a way that is clinically applicable,” said Kyrkanides, whose work on genetics in dentistry led to broader applications. “This therapy can simply be injected anywhere in an injured joint, and the treatment will find the nerve endings.” The common ground between arthritis and dentistry is the jaw joint, a frequent site for arthritic pain.

PRE-OP ANTIBIOTICS? THE DEBATE CONTINUES

Patients who have their wisdom teeth pulled and do not take antibiotics before surgery are twice as likely to get an infection after the surgery than those who take a single dose of antibiotics shortly before surgery, say Eastman Dental Center researchers Yan-Fang Ren, DDS, PhD, MPH, and Hans Malmström, DDS. Their findings were published recently in the *Journal of Oral & Maxillofacial Surgery*.

Surgical extraction of impacted wisdom teeth (or third molars) is the procedure carried out most commonly in oral surgery and general dental practices around the world, said Ren. “Inflammation and infection associated with bacterial contamination are the most common complications after third molar surgery. Because infection after surgery is usually accompanied by debilitating pain and functional impairment, clinicians have long sought effective ways to prevent complications after third molar surgery.

Many clinical trials have been conducted in the past to investigate the controversial topic of using antibiotics before wisdom teeth surgery, but most of the published trials involved a sample size too small to support a conclusive outcome.

Through an extensive, meticulous process explained in the *Journal*, Ren and Malmström analyzed 20 published clinical trials involving nearly 3,000 patients. “We do not advocate a universal prescription of antibiotics for every third molar surgery,” Ren explained, "but for patients who have risks for postoperative infections, a single dose of antibiotics before surgery is probably more effective than taking several days of antibiotics after the surgery is completed.”

Drs. Ren and Malmström hope that this study could help dentists be more purposeful when prescribing antibiotics and to avoid unnecessary antibiotic use.
When 9-year old Samina fell as a toddler, her parents didn’t realize how the injury to the nerves in the back of her head would dramatically affect her development. But it did. Samina’s soft palate was injured, causing problems with swallowing and speech.

The soft palate is responsible for closing off the nasal passages during swallowing and speaking. It also causes the mouth to separate from the nose in order to produce speech. Otherwise, air escapes through the nose, which made Samina’s speech sound extremely nasal. Her brothers would tease her about how she sounded.

Eastman Dental Center prosthodontist Dr. Gerald Graser and third-year resident Dr. Jose Cortes designed a special prosthesis, called a Palatal Lift, for Samina’s mouth, which pushes her soft palate during speech and eliminates the nasal sound.

“Samina and her family are refugees from Afghanistan and know very little English,” explained Dr. Cortes. “Samina is a very sweet girl, but very quiet and shy because she knows she sounds different. The prosthesis will help Samina feel more confident when speaking to her classmates and teachers, and hopefully help her make some new friends.”

As Samina grows, she will have periodic visits to re-design and re-fit her prosthesis to her growing mouth and dentition.
About a dozen high school students recently spent a week at Eastman Dental Center to learn more about the general and specialized aspects of dentistry as a career.

"I felt like a real dentist!" said 16-year-old Dena Hayes after making impressions of her classmate’s teeth. Hayes has narrowed her career path down to becoming either a pediatrician or an orthodontist. "I loved my orthodontist – she made a big impact on me.”

Hayes and her classmates learned how to conduct an oral exam, take impressions and make diagnostic plaster models of teeth. They met with specialists and researchers and visited the outreach clinics and ambulatory care dental unit at the University of Rochester Medical Center.

Clare Shaffer, an EDC administrator, has been teaching this class for three years. The students asked the faculty and residents where they went to school and what made them decide to become dentists. "It’s always a pleasure to watch the students’ interest increase throughout the week and learn how their personal
dentists have had a positive influence in their lives,” she said.

Some students even stay in touch with her, like high school senior Justin Ferranti (at left), who took the Magic of Molars & the Wisdom of Teeth class two years ago. "The class definitely increased my interest in the field because we did a lot of hands-on stuff and shadowing through the Dental Center and the Hospital — it was a lot of fun.”

Since he enjoyed the class so much, Ferranti decided to keep pursuing it. This year, he spent some 50 hours observing and shadowing his orthodontist. "If I choose dentistry as my career, I will become an orthodontist,” he said. "I like that you’re dealing with patients, and it doesn’t seem to be as stressful as other fields of dentistry…and it’s also clean — not too much blood.”

Each year, the University’s Rochester Scholars offers middle and high school students a chance to gain hands-on experience in a field of study that interests them.
MAKING A DIFFERENCE

EDC OFFERS FREE ORAL HEALTH SCREENINGS TO COLLEGE STUDENTS

Monroe Community College and the Eastman Dental Center have joined forces to help keep Rochester healthy by offering oral health screenings to students once a month for the entire school year.

“Each year we see hundreds of people who experience pain that could have easily been prevented,” said Holly Barone, Sr. Operations Administrator at EDC for Community Dentistry and Oral Disease Prevention. “Optimal oral health is a strong indicator for optimal overall health.”

Nearly 120 people benefited from this service last year, and it is hoped even more students will take advantage this year. “We know that our students are busy attending classes, raising families and working—and too often their dental health gets neglected,” said Dr. Emeterio M. Otero, executive dean at MCC’s Damon City Campus. “We’re delighted to be partnering with Eastman Dental Center to offer this convenience to our students and to help educate them about the importance of good oral health.”

MAKING A DIFFERENCE

NEW SMILEMOBILE ROLLS INTO ROCHESTER

The Eastman Dental Center recently unveiled its fourth SMILEmobile, a dental office on wheels allowing the city’s underserved children to receive cleanings, fluoride, sealants and other restorative services. Named for the lead donor, the Ronald McDonald House Charities SMILEmobile means that 2,400 additional students will now have access to care.

“Supporting the SMILEmobile program makes perfect sense for us,” said Elsa Steo, board president of the Ronald McDonald House Charities of Rochester, NY. “Supporting the health and well being of Rochester area children is a wonderful expansion of who we are and what we do...we’re thrilled to be a part of this new SMILEmobile. It’s a win-win for everyone.”

The second lead donor is the Daisy Marquis Jones Foundation, a long time supporter of the SMILEmobile program and a satellite clinic at the Daisy Marquis Jones Foundation Outreach Dental Center at School 17. Others include the Joan & Harold Feinbloom Supporting Foundation, the J.M. McDonald Foundation, the Mary S. Mulligan Charitable Trust and the Fred & Floy Willmott Foundation.

“Rochester’s inner city has the highest child poverty rate in all of New York, and parts of the city have been declared as having a serious shortage of dentists by the federal government,” said Cyril Meyerowitz, DDS, director of the Eastman Dental Center. “Early intervention is critical—and the SMILEmobiles are a huge part of the solution. Without this effort, there would be increased cost to the local health care system, additional work and school hours lost and more children suffering.”

School #36 is in a very impoverished area of Rochester, and is rated the lowest in the areas of wellness, said Principal Paul Montanarelo, who has seen hundreds of his students through the years benefit from the SMILEmobile’s services. “I greatly appreciate having the SMILEmobile on campus so students don’t have to leave and miss any education...it’s been absolutely wonderful, and from the bottom of my heart, I thank you very much for putting smiles on our kids,” he said.
Dentistry hosted an inaugural ceremony during Reunion to mark the installation of Stephanos Krykanides, DDS, MS, PhD (at right), as the first J. Daniel Subtelny Professor. The Professorship in Orthodontics and Dentofacial Orthopedics honors J. Daniel Subtelny, DDS, MS, (above left) Professor Emeritus and former chair of the Division of Orthodontics for more than 50 years. Alumni and friends raised $2 million to fund the professorship, making this the largest fundraising initiative in Dentistry’s history.

University of Rochester President Joel Seligman and G. Robert Witmer, Jr., chairman of the University’s Board of Trustees and Eastman Dental Center Foundation Board member (above right), presided over the ceremony.

“In the late 1800’s, George Eastman watched his mother have 15 teeth removed,” Seligman began. “She was fitted with dentures late in Eastman’s life. When he established the Dental Dispensary in 1915, he later said the Dispensary was the single investment for which he was most proud. George Eastman considered dentistry so vital to the health of people.

“It is in that spirit that I join you tonight,” he continued. “I’m in awe of the extraordinary contributions from the center…all of us should be so very proud. The achievements of today are based upon the history and teachings of this great school and center.

“Like an endowed scholarship, an endowed professorship pays homage to the named professional,” Seligman said. “This is one of the most remarkable I’ve ever known. I have never seen a professorship of 174 donations reflect the love and pride of those who have worked with Dan. Tonight, he is honored twice – with a professorship and also with the care and loving of so many colleagues he’s taught and inspired…I am deeply honored to participate in this ceremony.”

“It is a great honor for me to be here,” said Kyrkanides. Standing at the podium and looking to his predecessor, he continued. “Thank you for your guidance and mentorship. I am truly standing on the shoulders of a giant. This endowment really secures the education principles that you set for future generations of orthodontists. Our family can grow and continue our reputation as the best program in the world in our specialty. This professorship honors your 50 years, and brings stability to an ever changing world.”
The Medallion Program is a new tradition, recognizing alumni who graduated from the University 50 or more years ago. The first two recipients, Dr. William Bowen and Dr. Prabha Deodhar were honored with special medallions.

“Bill is the personification of research in oral biology at the U of R,” Seligman said. “He is an individual who represents the very best in academic medicine.”

Like as the waves make towards the pebbled shore, so do our minutes hasten to their end. Thus have the last 50 years slipped by. Little did I realize that when I walked into the Eastman Dental Dispensary that I would return to the University of Rochester three decades later as Chair of the Department of Dental Research. When I joined the Eastman in 1956, I had a peripheral interest in research. I had the extraordinary good fortune to meet Basil Bibby, Marion Gilmour, Mike Buonocore, Finn Brudevold, Roland Haues and Peggy Little. I also remember Henry Scherp, whose classes on microbiology were just amazing. The weekly seminars were an intellectual tonic and I look back somewhat wistfully at the vigor with which the discussions were conducted. I had also the good fortune to meet my future wife and we hope to celebrate 50 years together this year. I remember many fellow residents with great fondness. Stan Handelman and I became friends and have remained so over half a century. I am so grateful to Eastman for all the opportunities, challenges and stimulation it has provided through the decades. — William Bowen

“Prabha’s career has been absolutely extraordinary,” Seligman continued. “She is the first woman in Pune, India to establish a private dental practice, to be appointed Honorary Dental Surgeon at Sasoon Hospitals and B.J. Medical College, as well as the first woman to be elected President of the Indian Dental Association.”

I do not have adequate words to express my joy and how fortunate I was to receive such an honor from my dear institute which has always held a special place in my heart. Not only did I build my academic knowledge, but learned cutting-edge clinical techniques. This style of well-rounded medical education would be of great value in my home country, India. My fellowship at EDC prepared me well for a lifetime of hard work and success. After returning to India I owned and worked in my own private practice for over 50 wonderful years. It was exciting to live in a time when women’s roles and opportunities were broadening...”

The evening’s theme “lifetime education, lifetime connections” truly resonated with me. Oh, it was marvelous! Being awarded the President’s Medallion by University of Rochester President Joel Seligman was one of the most momentous events of my lifetime! Overall, this wonderful function is worth keeping in my heart forever. I am eternally thankful and grateful for this unique honor. Long live Eastman Dental Center! — Prabha Deodhar
UNFORGETTABLE MOMENTS: REUNION 2007

“I CONSIDER IT AN HONOR TO SERVE IN ACADEMIC LEADERSHIP WITH CYRIL MEYEROWITZ. HE IS FOCUSED, TALENTED, A STRATEGIC PLANNER AND DEDICATED TO PROVIDING GREAT DENTAL CARE TO THE ROCHESTER COMMUNITY.” — Joel Seligman, President, University of Rochester

Enjoying the festivities (Clockwise from top left) The Orthodontic Alumni Group, Dr. Cyril Meyerowitz, Dr. Roberto Sanchez Woodworth, Dr. Stan Handelman and Dr. J. Antonio Bello, and Dr. Oivind Jensen
EDC Director of Finance & Administration John Borrelli (left) and Dr. Todd Thierer, EDC Medical Director & Quality Officer

REMINISCING (left to right) Drs. Mark Webman, Domenick Zero, Huw Thomas, David Levy and Sean McLaren

Distinguished Alumnus Dr. Martin Curzon (below, left) honored EDC with this gavel he made himself. He carved the handle from a piece of 16th century oak and the hammer from 19th century English oak. He made the circular strike plate from an apple tree in his garden. He also constructed the box from American oak, where the gavel will rest in between EDC Foundation Board meetings. G. Robert Witmer, Jr. presents the gavel to EDC Foundation Board Chairman William Richardson.
One Smile at a time

The Sponsor-a-Smile fund helps address unmet financial needs of Eastman Dental Center patients, such as help families fill prescriptions, pay for dental care expenses not covered by insurance and defray transportation costs. Through this fund, a magnetic sand table was recently purchased for the busy pediatric waiting room.

Please consider making a gift to Sponsor-a-Smile. Your support will directly help improve access to dental care for those who may not otherwise be able to afford it. A donation of $25-$100 can make a significant impact with patients’ transportation costs, medications, toothbrushes, toothpaste and more. Gifts of any size are appreciated. Simply write in ‘Sponsor-a-Smile’ on the provided, postage-paid envelope in this issue. Thank you.

Distinguished Alumni 2007

For their exceptional professional accomplishments and community service, congratulations to the 2007 Distinguished Alumni.

DR. J. ANTONIO BELLO, PROSTHO ’84
Dedication and support of Prosthodontics Division

DR. ALBERT H. GUAY, ORTHO ’66
Community Service

DR. WILLIAM H. BOWEN, MS/DNS ’59
Research

DR. MARTIN E.J. CURZON PEDO ’68, MS/DNS ’69
Academics

DR. ROBERT BAKER, SR.
was given the 2007 Director’s Excellence Award for his contributions to Dentistry and the Institution.
Carletta Carter Earns National Honor

Eastman Dental Center’s Carletta Carter has been named the 2007 Dental Assistant of the Year, a national award sponsored by Colgate.

Carter’s commitment to oral health described in the multiple nominations sent in from colleagues stood out among the other 200 nominations Colgate received. She will receive a $5,000 cash award, along with an all expenses paid visit to Colgate’s research facility and the Dental Assisting Summit conference, where she’ll be presented a trophy. She will also be featured in an article in the April issue of Inside Dental Assisting magazine.

As Dental Assisting Supervisor for Community Dentistry and Oral Health Disease Prevention, she has demonstrated her commitment to providing oral health care to the underserved for 26 years. After completing her clinical training at Eastman Dental Center, she took a job in the community dentistry outreach program, and has served in this capacity ever since. She is active in American Dental Assistants Association and DANB. She is also incoming president of the Rochester Dental Assisting Society.

“Each day, it’s my goal to move forward toward the mission of education, patient care and community service,” Carter said, who also has a certificate in counseling and teaching. “I want to empower patients to understand the importance of quality dental care, and to actively participate in their own care.”

“Her infectious enthusiasm and ability to motivate people are truly remarkable,” said Holly Barone, Sr. Operations Administrator for the Community Dentistry and Oral Health Disease Prevention. “Carletta has great ideas and consistently takes initiative for implementing them. She’s very deserving of this award.”

Getting to Know Dr. Marshall Deeney

An alumnus as well as a faculty member for 30 years, Dr. Marshall Deeney was recently named Program Director of Orthodontics and Dentofacial Orthopedics Residency Program.

Q. How did you become interested in Orthodontics?
A. I grew up in a small town some 40 miles southwest of Rochester. My father was a fine general dentist and I became interested in orthodontics when my father became interested in orthodontics. I think he became frustrated when his patients who desperately needed orthodontic treatment refused or were unable to travel to the “city” for treatment. We had several orthodontic text books in the house and the pictures of before and after orthodontics made for a good viewing at a time when I was very impressionable. Furthermore, when I re-enrolled in the Faculty of Dentistry at the University of Toronto, I found that unlike many American dental schools, orthodontics had a significant part in the curriculum and stimulated a lot of interest in me and many of my classmates. So after three years of practicing general dentistry with my dad, I decided to pursue orthodontics as a career.

Q. What made you choose Eastman Dental Center for your residency?
A. I applied to several orthodontic programs but my interview at the Eastman was easily the best. Immediately, I was impressed by the seriousness in the focus and intent within the department and also in the structure and depth of the curriculum. It was also apparent that the students were busy but happy. It just seemed like a great place to spend 2 years studying orthodontics.
Q. What makes EDC’s Ortho Department special?
A. The Orthodontic Department has an unusual history in that it was started by Dr. J. Daniel Subtelny in 1955 and he remained chairman until 2005. Fifty years of continuity in leadership is totally unprecedented and has helped mold the department into one of the country’s very best.

One of the many things that he brought to Rochester was his interest in patients with craniofacial deformities. He recognized that these challenging patients made excellent teaching cases and they became a major part of our curriculum. It is a subject that has spawned many significant clinical research projects and has given our department a slightly different flavor from others.

Q. As Program Director, what changes would you like to make?
A. The next big step for our orthodontic program will be making the change from a two-year curriculum to a three-year curriculum. The change will give us more flexibility and allow for expansion of the courses that we teach. There is just no question that more time is needed to alleviate the time crunch. This will be a significant and exciting change.

Personally, I think the best aspect of increasing my responsibilities within the Orthodontic Department is more interaction with the students. They are intelligent and interesting people. During our interview process we try to identify students that are not only bright but ones that relate well to others. So generally our students are fun to interact with, come from different backgrounds, and have a variety of interests and hobbies. But one thing they have in common is their hunger for information. And they are appreciative of the teaching that we do which is just very rewarding for the faculty.

Q. What challenges does the Orthodontic industry face?
A. The greatest challenge in orthodontic education today is the recruitment of faculty. This is true across the country and is also true in other dental and medical specialties. Frankly, there is no simple answer in sight although the AAO and AAOF are helping out in this regard by giving financial support to supplement teachers’ salaries. Many Orthodontic departments are driven by dedicated part time faculty which is great but part time faculty, like full time faculty, are in short supply. My gut feeling is that if more practicing orthodontists became involved with the teaching side of their profession on a part time basis, they would find the experience to be very satisfying!

New Graduates
Congratulations to Drs. Analia Ribeiro-Pita and Amir Zandinejad who graduated from the General Dentistry Division.
LEE D. POLLAN, DMD, MS, chair and program director of the Oral and Maxillofacial Surgery Department with the University of Rochester Medical Center, was elected president of the American Association of Oral and Maxillofacial Surgeons. He has served as the association’s vice president and president-elect, as well as a trustee.

Dr. Pollan remains active with the Seventh District Dental Society of New York and was recently honored with the Award of Merit for his contributions to dentistry within the community.

In addition to his dental degree, Dr. Pollan holds a master of science degree from Georgetown University. He is a diplomate of the American Board of Oral and Maxillofacial Surgery and is a fellow in the American College of Dentists and the International College of Dentists.

PAUL R. ROMANO, DDS, MS, associate professor, Periodontology Division at the Eastman Dental Center, has been named the Monroe County Dental Society’s Board of Directors Chairman.

JACK G. CATON, DDS, MS, chair and program director of EDC’s Periodontology Division, has been elected secretary-treasurer of the American Academy of Periodontology Foundation Board of Directors. He has served on the AAPF Board of Directors since 2002.

BECKY HERMAN has joined the University of Rochester as the Director of Advancement and Chief Development Officer for Dentistry. In this role, she will oversee all development activities while building relationships with alumni and community members, as well as current and prospective donors. Herman previously worked as Associate Director of Development for Dentistry from 2000-2005, and has since worked as Director of Development and Hospital Foundation for Clifton Springs Hospital & Clinic. She has an office in the Dental Center (C-077) and in the University Advancement Office on E. River Road. She can be reached at x5-2767 and/or x3-2334 and at bherman1@admin.rochester.edu.

EDC Alumnus ROBERT BRAY, DDS, MS, an orthodontist with offices in New Jersey, has been elected secretary-treasurer of the American Association of Orthodontists.

LINDA FERRUZZA has been promoted to Practice Manager for Orthodontics and TMJ Department. Ferruzza, who has worked her entire adult life in dentistry, joined EDC as a part time patient service representative in 1997 and later worked as a treatment plan coordinator for Ortho and most recently as operations supervisor. She will continue to oversee operations with enhanced supervisory responsibilities and work with providers to help implement the area’s strategic goals. “I love it,” Ferruzza said. “I still learn so much every day.”
REPORT OF GIVING 2006-2007

Thank you to our generous donors noted below. We are deeply grateful to you for your support and commitment to Dentistry’s education, research and patient care missions. This report acknowledges the support of alumni, faculty, staff, corporations, foundations and friends who have contributed to Dentistry at the University of Rochester Medical Center between July 1, 2006 and June 30, 2007.

$20,000+
Dr. Neil D. Hollyfield, GenDen ’78, & Mrs. Nancy S. Hollyfield
Dr. Jack W. Howitt, Pedo ’62

$5,000+
Dr. Thomas Dietrich, Ortho ’80
Dr. Rafael Ganddini, Prostho ’81, GenDen ’79
Dr. Shawn R. Long, Ortho ’97
Dr. Harry E. Rosenberg, Prostho ’85
Dr. Edward P. Snyder, Ortho ’87 & Mrs. Kimberly Snyder
Dr. Ronald G. Toothman, Ortho ’77 & Mrs. Colleen M. Toothman

$2,500+
Dr. Izchak Barzilay, MS/DNS ’91, Prostho ’86 & Mrs. Sheila Barzilay
Dr. J. Antonio Bello, Prostho ’84

$1,000+
Mr. Bruce B. Bates
Dr. Robert J. Berkowitz

Mr. Paul W. Briggs
Dr. William R. Calnon
Dr. Jeffrey Cohen, Ortho ’90, GenDen ’88
Dr. Carlo Ercoli, MS/DNS ’01, GenDen ’98, TMJ ’97, Prostho ’96 & Mrs. Katia Azevedo Ercoli
Dr. Mark P. Ewing, Ortho ’86
Dr. Christopher H. Fox
Dr. Karyn A. Giese, GenDen ’83
Mr. Thomas W. Graber Beck
Dr. Albert H. Guay, Ortho ’66
Mr. Michael Hagan
Mr. James T. Henderson
Dr. Olivid E. Jensen, MS/DNS ’79, GenDen ’78 & Mrs. Phyllis Jensen
Dr. Julian Kahn, Prostho ’03, GenDen ’97
Dr. & Mrs. Fred Kastenbaum, GenDen ’78
Dr. Alan Klein, Pedo ’79, GenDen ’77

Mr. Gerald Krause, Pedo ’74, GenDen ’72 & Mrs. Joan R. Krause
Dr. Frank R. LaMar, Jr., Prostho ’92
Dr. Todd H. Lerner, Prostho ’91
Dr. Lisa Gail Marin
Dr. Cyril Meyerowitz, MS/DNS ’80, GenDen ’75 & Mrs. Shula Meyerowitz
Mr. James R. Mills & Dr. Junko Mills
Dr. Jeffrey Pearlman, Pedo ’75 & Mrs. Hanna Pearlman
Dr. Richard R. Ranney, MS/DNS ’69, Perio ’68
Mr. William W. Richardson
Dr. Gary S. Rogoff, MS/DNS ’80, Prostho ’74
Dr. Evangelos Rossopoulos, Prostho ’84, GenDen ’82
Dr. Louis J. Russo, Jr., Ortho ’67
Mr. Carl E. Sassano II & Mrs. Barbara Sassano

Dr. Nestor Schejtman, Prostho ’02
Dr. Judith Shea, Pedo ’04
Miss Anna R. Skakhy
Dr. Patricia Marie Stege, GenDen ’82, MS/DNS ’77
Dr. Eduardo Torrado, MS/DNS ’01, Prostho ’00
Mr. G. Robert Wimmer, Jr.
Dr. Yoshimasa Yamazaki, GenDen ’81
Dr. Zhi Hao You, Ortho ’99

$500+
Dr. Ross W. Anderson, Ortho ’90
Dr. Ryan C. Anderson, Perio ’05
Dr. Denny Chen, GPR ’87
Dr. Peter T. Clement, GenDen ’90
Dr. Yasmi O. Crystal, Pedo ’00
Dr. Michael G. Dunegan, GenDen ’87
Dr. Neer Even-Hen, Perio ’03 & Mrs. Lynn Even-Hen

Now Charitable Remainder Trust Beneficiaries
Can Benefit from the University of Rochester’s
Highly Diversified Endowment

“ Our UR charitable remainder trust is like having our cake and eating it too. While benefiting an institution we believe in, we met our requirement of investment in a worldwide diversified fund, including asset classes not otherwise readily available, managed by proven professionals. And, our trust income is 367% above the annual dividends paid by the appreciated securities we used to fund the trust.”

—Jerry and Mary Lou Huff

Thank you

Jerry and Mary Lou Huff consult with Douglas Phillips, Senior Vice President–Institutional Resources, the University’s Endowment Manager

UNIVERSITY OF ROCHESTER
Office of Trusts and Estates • (800) 635-4672/(585) 273-5900 • Kreckel@alumni.rochester.edu • www.rochester.plannedgifts.org

MOMENTUM | SPRING 2008 17
Thank you

The University of Rochester is establishing a new society called the George Eastman Circle to honor donors who provide Annual Fund support to any of the University’s schools and units. It is the University’s only donor recognition society that counts multiple school or unit Annual Fund gifts as one aggregate commitment and recognizes the total at the University level. Gifts qualifying for the George Eastman Circle also qualify for Dentistry’s George Eastman Society.

Annual Fund gifts have a significant impact in every area of the University. They are unrestricted, current-use funds that provide the head of each school, unit, or department with flexibility for responding quickly to new opportunities or to meet unexpected needs.

At Eastman Dental Center and within the Eastman Department of Dentistry venture-type funds typically support operations, educational programs, research and patient care initiatives.

Charter Member status will be granted to supporters who make a five-year pledge of at least $1,500 annually before June 30, 2008. Gifts may be contributed to Dentistry’s Annual Fund or any of the other eight specialty unrestricted funds.

Charter Members will earn an important place in University history and will help Dentistry provide better clinical, research and educational services influencing the field of oral healthcare.
Dr. Robert Swart
Dr. Patricia C. Tarren, Pedo ’78
Dr. Michael Temisky, Pedo ’69
Dr. David C. Vandersall, MS/DNS ’67, Perio ’67
Dr. Howard L. Weiner, GenDen ’85

$99 and under
Mr. Jeffrey Albin & Mrs. Freyda Albin
Dr. David Armbrecht, Ortho ’04
Ms. Holly Ann Barone
Ms. Dale Bloom
Dr. Suzanne Cassata-Poole, Ortho ’91
Ms. Sandra Clifford
Dr. Emmett R. Costich
Dr. Richard Coulson, Ortho ’66
Dr. Zully T. Criado-Hedreen, GenDen ’89
Dr. Robert J. Dolan
Mr. Richard Dupuis
Dr. Robert Durand, GenDen ’03
Ms. Mona Fine
Mr. Marvin M. Fishman & Ms. Eileen Weintrau Fishman
Dr. Diane M. Gladstone, GenDen ’88
Dr. Russell O. Glauser, Ortho ’62
Ms. Janice Glenn
Mr. Charles E. Hayman & Mrs. Susan A. Hayman
Dr. Gad Heinic, GenDen ’87
Dr. W. Dulany Hill, Pedo ’68
Dr. Theresa Hofstede, MS/DNS ’01, Prosth ’99
Dr. George Kho, Ortho ’68
Dr. Ronald D. Kischbaum, GenDen ’88
Dr. Doron Korchman, Pedo ’81
Dr. Andrew S. Kotin
Dr. Lisa Lindeman, GenDen ’83
Dr. Mylene Mancol, GenDen ’00, MS/DNS ’99
Mr. Jack Mansur & Dr. Paula S. Mansur
Dr. Marina R. Manountseva Manunts, GenDen ’01
Mr. Brian S. McLellan, Ortho ’05
Ms. Tandra Miller
Dr. Sally Druskovich Orr
Ms. Mary P. Pistilli
Dr. Sylvia Rice
Mr. Jay Rosenfield
Miss Clare L. Shaffer
Dr. Zia Shey, Pedo ’72, MS/DNS ’71
Dr. Yolanda A. Slaughter, GenDen ’93

Dr. Don H. Smith, Ortho ’69
Dr. Morton Stein & Mrs. Diane E. Stein
Dr. Eileen K. Kain Szybko, MS/DNS ’84
Dr. Paul M. Volansky, Pedo ’73, GenDen ’71
Dr. Oren I. Weiss, Perio ’03, GenDen ’01
Ms. Rosemarie Welsher
Dr. Michael A. Yunker

MEMORIALS
In memory of Dr. George Lesser
Mr. Marvin & Ms. Eileen Fishman
Mr. Charles & Mrs. Susan Hayman
Mr. Daniel & Mrs. Carmella Steen

In memory of Wilfred A. Springer
The Baker Foundation
Mr. Bruce Bates
Mr. Paul Briggs
Dr. William Calnon
Dr. Robert Dolan
Hurlbut Foundation
Mr. Louis Langie
Dr. Robert Parker
Dr. Robert Swart
Westfall Dental LLP

HONORS
In honor of Marianne Bafille’s 20th
Dr. Heeje Lee
Dr. Harry Rosenstein
Dr. Nestor Schejman

In honor of Ichzhak Barzilay’s 20th
Dr. Evangelos Rosspopoulos

In honor of Dr. Robert Berkowitz
Dr. Clarence Graves

In honor of Dr. Stanley Handelman & EDC Faculty
Dr. Neil & Mrs. Nancy Hollyfield

In honor of David & Jane Levy’s 60th Birthdays
Dr. Charles Brenner
Mr. Charles & Mrs. Joyce Divito
Dr. Stanley & Mrs. Ruth Handelman
Mr. Jack Mansur & Dr. Paula Mansur
Mrs. Shula Meyerowitz
Dr. Morton & Mrs. Diane Stein

In honor of Dr. Cyril Meyerowitz
Ms. Eileen Szybko

In honor of Dr. Lee Pollan
Mr. Jeffrey & Mrs. Freyda Albin

In honor of Prosthodontics 20th Year Alumni
Dr. Carlo Ercoli
Dr. Aaron Fenton

In honor of Dr. Jesley Ruff
American Dental Partners Fdn.

In honor of Dr. Todd Thierer
Ms. Dale Bloom

CORPORATE & FOUNDATION DONORS
American Academy of Fixed Prosthodontics
American Dental Partners Fdn.
The Baker Foundation
Capricorn Foundation
Doron Korchman, D.D.S.
B. Thomas Golisano Foundation
Greater NY Academy of Prosthodontics Fdn.
Henry Schein, Inc.
Hurlbut Foundation
International Association of Dental Research
ITI Foundation
Jeffrey B. Stannard, MS, DDS
J.M. McDonald Foundation
Ronald McDonald House Charities
North Coast Dental Group
Northeast Family Dental PLLC
Jonathan Plutzik & Lesley Goldwasser
Family Foundation
Q Dental Group
Renaissance Health Service Corporation
Rochester Area Community Foundation
Rudolph L. Lantelme, D.D.S. P.C
Straumann U.S.A.
Vanguard Charitable Endowment
Westfall Dental LLP
Fred & Floy Willmott Foundation

MATCHING GIFTS
Johnson & Johnson

J. DANIEL SUBTENNY
ENDOWMENT FUND
Dr. Ross W. Anderson, Ortho ’90
The Baker Foundation
Dr. Richard Coulson, Ortho ’66
Dr. Thomas Dietrich, Ortho ’80
Dr. Mark P. Ewing, Ortho ’86
Dr. Alfred C. Griffin Jr., Ortho ’82
Dr. Albert H. Guay, Ortho ’66
Dr. Shawn R. Long, Ortho ’97
Dr. Mark Musgrave, Ortho ’92
Dr. Richard B. Myers
Dr. Mairead Mary O’Reilly, MS/DNS ’85, Ortho ’85, GenDen ’82
Dr. Alan M. Polson, MS/DNS ’72, Perio ’72 & Dr. Anne Parade Parade-Polson, MS/DNS ’80, Ortho ’74
Dr. C. William Runco, Ortho ’60
Dr. Louis J. Russo Jr., Ortho ’67
Dr. Robert J. Slusar, Ortho ’70
Dr. Edward P. Snyder, Ortho ’87 & Mrs. Kimberly Snyder
Dr. Ronald G. Toothman, Ortho ’77 & Mrs. Colleen M. Toothman

Thank you

With deep gratitude and appreciation from their students and residents across the years. The Honor Your Faculty campaign recognizes:
Dr. Robert Berkowitz
Dr. Cyril Meyerowitz
Dr. Todd Thierer

Dr. Todd Thierer
Dr. Cyril Meyerowitz
Dr. Todd Thierer
SAVE THE DATE!

- American Association of Dental Research Alumni & Friends Reception
  April 4, 2008
  Dallas, TX

- Division of General Dentistry Alumni & Friends Reception Handelman Conference Dinner
  May 16, 2008
  Rochester, NY

- Orthodontic Alumni Reception
  In conjunction with the AAO Annual Session
  May 17, 2008
  Denver, CO

- American Academy of Pediatric Dentistry Alumni & Friends Reception
  May 22-26, 2008

- Pediatric Dentistry Alumni & Friends Reception
  May 24, 2008
  Washington, D.C.

- Allen A. Brewer Conference & Alumni Gathering
  June 20, 2008
  Rochester, NY

- International Association of Dental Research Alumni & Friends Reception
  July 4, 2008
  Ontario, Canada

- American Academy of Periodontics Alumni & Friends Reception
  September 6-9, 2008
  Seattle, Washington

- Pearls of Practice Conference – Prosthodontics Division
  Sept. 27, 2008
  Rochester, NY

- American Dental Association Annual Meeting
  Oct. 16-21, 2008
  San Antonio, TX

For more information about these events, contact Becky Herman at 585-275-2767 or bherman1@admin.rochester.edu